



10 CFR 50.55a

Serial: RNP-RA/07-0077

AUG 02 2007

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 24 at the H. B. Robinson Steam Electric Plant, Unit No. 2.

If you have any questions concerning this matter, please contact me at (843) 857-1253.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. T. Baucom'.

C. T. Baucom  
Supervisor – Licensing/Regulatory Programs

CTB/cac

Attachment

c: Resident Inspector, HBRSEP  
L. M. Regner, NRC, NRR  
W. D. Travers, NRC, Region II

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

A047

NRR

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

**INSERVICE INSPECTION SUMMARY  
REPORT FOR REFUELING OUTAGE 24**

INSERVICE INSPECTION REPORT  
INTERVAL 4, PERIOD 2, OUTAGE 2  
(2006 On-Line & RO #24)

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: 7/26/07

## FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner: CP&L, Inc, DbA Progress Energy Carolinas, Inc., 411 Fayetteville St., Raleigh, NC 27602

(Name and Address of Owner)

2. Plant: H.B. Robinson, 3581 West Entrance Rd., Hartsville, SC 29550

(Name and Address of Plant)

3. Plant Unit : 2

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

5. Commercial Service Date: 3/7/1971

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
Pressurizer	Westinghouse	S/N 16A6208-1	N/A	#722
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
Regenerative Heat Exchanger	Westinghouse	N/A	N/A	N/A
Residual Removal Heat Exchanger "A"	Atlas Industries Mfg. Co.	#881	N/A	#731
Residual Removal Heat Exchanger "B"	Atlas Industries Mfg. Co.	#882	N/A	#732
Boron Injection Tank Bolting	Southern Fabricators	S/N 0049	N/A	#368
Piping	Ebasco Services	N/A	N/A	N/A
Piping	Maintenance	N/A	N/A	N/A
Accumulator Tank "B"	Delta	S/N 41152-68-2	N/A	N/A

FORM NIS-1 (Back)

8. Examination Dates: 10/28/2005 to 5/13/2007
9. Inspection Period Identification: Period 2 (2/19/2005 / 2/19/2009)
10. Inspection Interval from: 2/19/2002 to 2/19/2012
11. Applicable Editions of Section XI: 1995 Edition, thru 1996 Addenda
12. Date / Revision of the Inspection Plan: 1/24/2007 Revision 10
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: 7/26/2007 Signed: Progress Energy Carolinas, Inc. By: [Signature]  
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBCT have inspected the components described in this Owner's Report during the period 10/28/2005 to 5/13/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certification neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsement

Date: July 26, 2007

## **1.0 ABSTRACT**

1.1 This report presents the results of the Inservice Inspection of the Fourth Interval, Second Period, Second Outage, for refueling outage number twenty-four (RO-24), and the 2006 On-Line examinations 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.

During RO-24 examination of support SI-3-3135 integral attachments per ASME Category B-K, Item B10.20, two linear indications were identified by liquid penetrant examination on one of the four lugs welded to the pipe, which exceeded the acceptance criteria of ASME Section XI. A sample expansion was initiated per IWB-2430 for the number of B-K, B10.20 integral attachments scheduled for the period, which was two. The sample expansion of two additional supports with integral attachments examined by liquid penetrant did not reveal any indications.

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. and iTi, integrated Technologies, inc., during the 2006 on-line examinations (7/25/2006 thru 12/5/2006) and RO-24 (2/9/2007 thru 5/13/2007). The Fourth Interval, Second Period examination percentage requirements are contained in Tab G.

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 the online and outage activities is contained in the 2006 On-Line Examination Final Report and RO 24 ISI Final Outage Report. These reports may be obtained through the Progress Energy Carolinas, Inc. plant document control services.

### **3.0 EDDY CURRENT EXAMINATION**

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

### **4.0 INSERVICE EXAMINATION EVALUATION**

- 4.1 The ISI exams performed during the 2006 on-line and RO-24 at H. B. Robinson, Unit 2, Nuclear Station were conducted in accordance with the 2006 on-line scope and RO-24 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, Technical Specifications, Section 5.5, 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 inservice examinations performed were conducted by the use of Progress Energy procedures and documented on procedural data reports. Each data report details the component or system examined, examination method employed, the procedure used to perform the test and 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 the 2006 On-Line Examination Final Report and RO 24 ISI Final Outage 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.

4.3 Ultrasonic and magnetic particle revealed no service-induced flaws exceeding the acceptance criteria of ASME Section XI, 1995 Edition, thru 1996 Addenda. Liquid penetrant examinations revealed 2 linear indications on a support lug which exceeded the ASME Code allowable. A sample expansion was initiated based on the number of support integral attachments being examined for the period. This resulted in a sample expansion of two supports with integral attachments, which were examined by liquid penetrant and did not reveal any indications.

4.4 Visual examinations of supports, which revealed indications requiring evaluation, have been dispositioned as functional. All reported indications on supports were evaluated by Civil Engineering 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 will be re-inspected (if required) 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 the 2006 on-line and RO-24 is 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 2006 on-line and RO-24. 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:

- **Summary No.** – Unique tracking number utilized within the ISI Program/Plan.
- **Component ID** - Identification of the component examined or tested
- **Component Description** - A description of the component configuration
- **Category** - The ASME code category that the examination was performed to.
- **Item** - The item number of the applicable code category that the examination was performed to.
- **Procedure** - The procedure utilized to perform the examination.
- **Method** – The examination or test method
- **Report #** – The unique examination number assigned to an exam.
- **Results** – The results of the examination
- **System** - The system on which the component was examined
- **ISO Number** - 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 included in this report documents the inspections performed to satisfy regulatory documents or commitments, other than ASME Section XI. During this period, ultrasonic examinations were conducted in accordance with NRC commitment ID 92R0362 for the steam generator feedwater nozzles (79-13). Ultrasonic examination and liquid penetrant examinations were performed on the “B” accumulator per Information Notice 91-05 with satisfactory results. Additional augmented exams included containment spray “best effort” ultrasonic inspections with no recordable indications noted. These examinations are summarized in the Augmented Examination Summary, TAB C, of this Report.

## **6.0 OWNER ELECTED EXAMINATION PROGRAM**

6.1 Owner elected exams are examinations performed by Progress Energy where ASME Code Credit is not taken and the examinations are not driven by other type programs, such as augmented. The Owner Elected exams performed during RO-24 for this NIS-1 reporting period are summarized in the Owner Elected Examination Summary, TAB D, of this report.

## **7.0 PRESERVICE EXAMINATION**

7.1 Preservice examination of Code Class components were conducted at the H.B. Robinson Unit 2 Plant from the close of RO-23 (10/28/05) to the close of RO-24 (05/13/07) 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 E, of this report.

7.2 The detailed examination data sheets recording all of the volumetric, surface and visual results for the preservice examinations are located in the RO 24 ISI Final Outage Report and may be obtained through the Progress Energy Carolinas, Inc., H.B. Robinson Plant Document Control Services.

## **8.0 PRESSURE TEST SUMMARY**

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

8.2 TAB F of this report includes the pressure tests performed after the close of the last NIS-1 reporting period (10/28/05) thru the end of the Second Period Second Outage (5/13/07).

## **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-23 (10/28/05) to the close of RO-24 (5/13/07). 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 H, of this Report.

- 9.2 Work Order evolutions performed during RO-24 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 Four NIS-2 Summary or shall be included in the next refueling outage Summary Report (RO-25), within the established guidelines of ASME Section XI, IWA-6230(b).
- 9.3 The enclosed repair and replacement summary (TAB H) 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 I.

## **10.0 IWE/IWL PROGRAM**

- 10.1 CV Liner Inspections 10CFR50.55a(b)(ix)
- VT-3 examinations for Class MC Components were performed in accordance with procedure CM-764 Revision 5 to meet the requirements of Relief Request IWE/IWL-01 at panel 264GG. The corrective actions were performed in accordance with CM-764 Revision 5, which included, removal of the insulation/sheathing, removal of degraded coating and corrosion products, validation that the CV Liner minimal design thickness was met, recoating of degraded area and replacement of the insulation/sheathing. These actions were completed during RO-24. Since the CV Liner at panel 264GG has been restored using CM-764 no additional corrective actions are required.

# INSERVICE INSPECTION REPORT

## 2006 ON-LINE & REFUELING OUTAGE 24 INDEX OF EXAMINATIONS

### TAB ACTIVITY

- A EDDY CURRENT SUMMARY
- B INSERVICE EXAMINATION SUMMARY
- C AUGMENTED EXAMINATION SUMMARY
- D OWNER ELECTED EXAMINATION SUMMARY
- E PRESERVICE EXAMINATION SUMMARY
- F PRESSURE TEST SUMMARY
- G EXAMINATION PERCENTAGE SUMMARY
- H REPAIR / REPLACEMENT SUMMARY

### TAB ATTACHMENT I

- I REPAIR/REPLACEMENT NIS-2 FORMS

TAB  
A

EDDY  
CURRENT  
SUMMARY

# EDDY CURRENT SUMMARY

## ABSTRACT

Inspection for RO-24 included the 50% of all tubes which were not inspected in RO22. Also included in the inspection were special interest and historical indications, as well as all of BLG/OXPs (in the 50% population) located within the tubesheet. The results are summarized below:

### SG-A

The base Steam Generator A RFO 24 Examinations (excluding retests) included the following:

- Systematic bobbin—1895 tubes (~59%)
- Hot Leg Top of Tubesheet (RPC)—1895 tubes (~59%) including all BLG/OXP indications within this sample
- Sample of previous benign indications/dented intersections (RPC)—50 tubes (initial sample); 8 added during inspection
- Rows 1 and 2 u-bend (RPC)—93 tubes (~50%)

There were no new indications of degradation in the "A" SG except for Row 27 Col 44 (see table).

Prior to RFO24, SG A had seven tubes plugged:

1. R1C29 – Inability to pass a probe.
2. R2C6 – Inability to pass a probe.
3. R37C73 – loose part wear.
4. R37C50 – loose part wear.
5. R38C50 – loose part wear
6. R37C51 – loose part wear
7. R4C39 - mechanical wear

List of indications and recommended disposition:

SG	Tube	Indication Type	% Depth	Location Inches		Comments
Wear Indications and Unexpanded Tube						
A	R27C 44	wear	21	05C/-0.75	Leave in service	New wear indication with no loose part present. Recommend leaving in service and add to next inspection scope for monitoring.

The results of the examination required no sample expansion as specified by site technical specification nor the RFO 24 SG Degradation Assessment or RFO24 SG Examination Expansion Plan.

There were no indications in the tubesheet area at or near BLG/OXP tubes.

# EDDY CURRENT SUMMARY

## SG-B

The base Steam Generator B RFO 24 Examinations (excluding retests) included the following:

- Systematic bobbin—1957 tubes (~61%)
- Hot Leg Top of Tubesheet (RPC)—1957 tubes (~61%) including all BLG/OXP indications within this sample
- Sample of previous benign indications/dented intersections (RPC)— 51 tubes (initial sample); **39** added during inspection
- Rows 1 and 2 u-bend (RPC)—92 tubes (~50%)

Prior to RFO24, SG B had nine tubes plugged:

1. R43C55 – Dent
2. R1C27 – loose part wear.
3. R24C65 – loose part wear/DSI
4. R24C33 – loose part wear/LPS
5. R34C18 – loose part wear/LPS
6. R23C71 – loose part wear/LPS (adjacent to leaking tube)
7. R23C72 – loose part wear/LPS (leaking tube)
8. R38C69 – visual scar
9. R34C43 – loose part wear



# EDDY CURRENT SUMMARY

## SG-B (Cont.)

List of indications and recommended disposition:

SG	Tube	Indication Type	% Depth	Location Inches		Comments
Wear Indications						
B	R29 C14	wear	31	FBH + 0.46	Plug & Stabilize Hot Leg	28% RFO22, no loose part present – loose part present RFO24
B	R30 C14	wear	22	FBH + 0.44	Plug & Stabilize Hot Leg	no flaw, no LPS in history – LPS present RFO24
B	R29 C15	wear	36	FBH + 0.43	Plug & Stabilize Hot Leg	23% RFO22, no loose part present – no loose part present RFO24
B	R33 C17	wear	20	FBH + 0.72	Plug & Stabilize Hot Leg	no flaw, LPS present RFO22 – LPS present RFO24
B	R3 C44	wear	32	HTS + 0.41	Plug & Stabilize Hot Leg	no flaw, no LPS RFO22 – LPS present RFO24

The results of the examination required no sample expansion as specified by site technical specification nor the RFO 24 SG Degradation Assessment or RFO24 SG Examination Expansion Plan. Additional examinations were performed to bound LPS indications at the TTS and Flow Baffle. All Flow Baffle LPS indications were re-reviewed for potential wear, no new indications were reported.

There were no indications in the tubesheet area at or near BLG/OXP locations.

# EDDY CURRENT SUMMARY

## SG-C

The base Steam Generator C RFO 24 Examinations (excluding retests) included the following:

- Systematic bobbin—1908 tubes (~60%)
- Hot Leg Top of Tubesheet (RPC)—1908 tubes (~60%) including all BLG/OXP indications within this sample
- Sample of previous benign indications/dented intersections (RPC)— 46 tubes (initial sample); **18** added during inspection
- Rows 1 and 2 u-bend (RPC)—92 tubes (~50%)

Prior to RFO24, SG C had ten tubes plugged:

1. R1C90 – wear
2. R2C90 – wear
3. R3C90 – wear
4. R7C92 – wear
5. R32C26 – wear
6. R33C34 - obstructed
7. R44C56 – wear
8. R45C41– wear
9. R39C34– wear
10. R39C35– wear

List of indications and recommended disposition:

SG	Tube	Indication Type	% Depth	Location Inches		Comments
Wear Indications						
C	R2 C91	wear	38	CTS + 0.05	Plug	no flaw, no LPS in history – no LPS present RFO24
C	R33 C75	wear	21	03H – 0.89	leave in service	no flaw/part in RFO22 - no loose part present, conservatively sized

The results of the examination required no sample expansion as specified by site technical specification nor the RFO 24 SG Degradation Assessment or RFO24 SG Examination Expansion Plan.

There were no indications in the tubesheet area at or near BLG/OXP locations.

Notes for all three tables:

- HTS - top of tubesheet hot leg side
- CTS - top of tubesheet cold leg side
- FBH – flow distribution baffle hot leg side
- CBH – flow distribution baffle cold leg side
- 06H – sixth tube support plate, hot leg side
- 02H - second tube support plate, hot leg side
- 02A – second AVB intersection traveling from hot leg to cold leg
- 03A – third AVB intersection traveling from hot leg to cold leg
- 04A – fourth AVB intersection traveling from hot leg to cold leg
- 05C – Fifth tube support plate cold leg side
- 06C – Sixth tube support plate cold leg side

**TAB  
B  
INSERVICE  
EXAMINATION  
SUMMARY**

# 2006 ON-LINE 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 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.

## 2006 On-Line INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
162800	202/03	BIT LOWER HEAD TO NOZZLE WELD	C-B	C2.21	NDEP-0201	PT PT-06-011 Sat	2080	HBR2-10618 SHT 058	10/18/2006
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
162900	202/04	BIT UPPER HEAD TO NOZZLE WELD	C-B	C2.21	NDEP-0201	PT PT-06-012 Sat	2080	HBR2-10618 SHT 058	10/18/2006
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
164700	202/WS-2	BIT TANK SUPPORT LEG	F-A	F1.40	NDEP-0613	VT VT-06-054 Sat	2080	HBR2-10618 SHT 058	10/17/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
162300	202/*WS-2	INTEGRAL ATTACHMENT	C-C	C3.10	NDEP-0201	PT PT-06-020 Sat	2080	HBR2-10618 SHT 058	10/18/2006
	<b>Comments:</b>	A surface examination was performed on this component support integral attachment to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results. The exam was limited to 88.02% due to the physical configuration of the support leg to tank attachment.							
207000	218/F-WS	WELDED BOX RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-032 Sat	2045	HBR2-10618 SHT 077	8/14/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
222800	220A/S-WS	WELDED SNUBBER 18	F-A	F1.20	NDEP-0613	VT VT-06-012 Eval	2045	HBR2-10618 SHT 081	7/26/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with a condition that required evaluation by Civil Engineering. The condition identified was inadequate thread engagement.							
	<b>Evaluation Disposition Acceptable:</b>	During examination of support 220A/WS, the extension piece to the snubber was identified with inadequate thread engagement on the 4 studs joining the extension piece to the snubber. Civil engineering evaluated the identified condition as acceptable as is.							
219400	220A/*S-WS	INTEGRAL ATTACHMENT	C-C	C3.20	NDEP-0201	PT PT-06-002 Sat	2045	HBR2-10618 SHT 081	7/26/2006
	<b>Comments:</b>	A surface examination was performed on this component support integral attachments to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## 2006 On-Line INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
230600	221A/J	SLIDING STANCHION	F-A	F1.20	NDEP-0613	VT VT-06-013 Sat	2045	HBR2-10618 SHT 083	7/27/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
231900	221A/Y1	CLOSED BOX RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-014 Sat	2045	HBR2-10618 SHT 083	7/27/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
242900	222A/H	TRAPEEZE ROD HANGER	F-A	F1.20	NDEP-0613	VT VT-06-033 Sat	2045	HBR2-10618 SHT 086	8/14/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
245100	222B/A	ROD HANGER	F-A	F1.20	NDEP-0613	VT VT-06-065 Sat	2080	HBR2-10618 SHT 087	8/14/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
245500	222B/F	CLOSED BOX RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-034 Sat	2080	HBR2-10618 SHT 087	8/15/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
246900	224/A	RHR PMP A PEDESTAL SUPPORT	F-A	F1.40	NDEP-0613	VT VT-06-044 Sat	2045	HBR2-10618 SHT 089	9/6/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
262000	232/O	I-BEAM SUPPORT	F-A	F1.20	NDEP-0613	VT VT-06-035 Sat	2080C	HBR2-10618 SHT 094	8/14/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
262200	232/Q	CLOSED BOX RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-030 Sat	2080C	HBR2-10618 SHT 094	8/14/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## 2006 On-Line INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
271500	233/F2	I-BEAM SUPPORT	F-A	F1.20	NDEP-0613	VT VT-06-031 Sat	2080	HBR2-10618 SHT 096	8/14/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
271800	233/I	CLOSED BOX RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-036 Sat	2080	HBR2-10618 SHT 096	8/15/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
280600	234A/M-WS	WELDED U-BOLT RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-057 Sat	2080C	HBR2-10618 SHT 098	9/25/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
288200	239/AA-WS	WELDED U-BOLT RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-037 Sat	2080	HBR2-10618 SHT 105	8/15/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
291700	240/07	SOCKOLET TO PIPE	C-F-1	C5.30	NDEP-0201	PT PT-06-022 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
294415	240/38	PIPE TO ELBOW	C-F-1	C5.30	NDEP-0201	PT PT-06-025 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
294420	240/39	ELBOW TO PIPE	C-F-1	C5.30	NDEP-0201	PT PT-06-026 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
294430	240/41	PIPE TO SOCKOLET	C-F-1	C5.41	NDEP-0201	PT PT-06-001 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## 2006 On-Line INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
294465	240/48	PIPE TO ELBOW	C-F-1	C5.30	NDEP-0201	PT PT-06-023 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
294470	240/49	ELBOW TO PIPE	C-F-1	C5.30	NDEP-0201	PT PT-06-024 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
294675	240/SI-4-8523	PIPE STRAP RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-055 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
294690	240/*SI-4-8523	INTEGRAL ATTACHMENT	C-C	C3.20	NDEP-0201	PT PT-06-021 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A surface examination was performed on this component support integral attachments to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
294500	240/SI-4-78	CLOSED BOX RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-06-056 Sat	2080	HBR2-10618 SHT 106	7/25/2006
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
295000	241/01	REDUCER TO TEE	C-F-1	C5.21	NDEP-0425	UT UT-06-025 Sat	2080	HBR2-10618 SHT 107	9/5/2006
					NDEP-0201	PT PT-06-016 Sat	2080	HBR2-10618 SHT 107	9/5/2006
	<b>Comments:</b>	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
295100	241/02	TEE TO PIPE	C-F-1	C5.21	NDEP-0201	PT PT-06-017 Sat	2080	HBR2-10618 SHT 107	9/5/2006
					NDEP-0425	UT UT-06-027 Sat	2080	HBR2-10618 SHT 107	9/5/2006
	<b>Comments:</b>	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							



## 2006 On-Line INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results			System	ISO Number	Exam Date
295200	241/03	PIPE TO ELBOW	C-F-1	C5.21	NDEP-0201	PT	PT-06-018	Sat	2080	HBR2-10618 SHT 107	9/5/2006
					NDEP-0425	UT	UT-06-029	Sat	2080	HBR2-10618 SHT 107	9/5/2006
	Comments:	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.									
295300	241/04	ELBOW TO PIPE	C-F-1	C5.21	NDEP-0201	PT	PT-06-019	Sat	2080	HBR2-10618 SHT 107	9/5/2006
					NDEP-0425	UT	UT-06-031	Sat	2080	HBR2-10618 SHT 107	9/5/2006
	Comments:	A surface and volumetric examination was performed on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.									
302200	241/J-WS	WELDED SPRING SUPPORT	F-A	F1.20	NDEP-0613	VT	VT-06-028	Sat	2080	HBR2-10618 SHT 107	8/15/2006
336000	249/B-WS	CONTAINMENT SPRAY PUMP B SUPPORT	F-A	F1.40	NDEP-0613	VT	VT-06-038	Sat	2080C	HBR2-10618 SHT 166	8/15/2006
336200	250/B-WS	SAFETY INJECTION PUMP B SUPPORT	F-A	F1.40	NDEP-0613	VT	VT-06-051	Sat	2080	HBR2-10618 SHT 167	9/11/2006

# RO-24

## 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 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.

## RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
32200	105A/INLET	NOZZLE INNER RADIUS	B-D	B3.140	NDEP-0611	VT VT-07-126 Sat	2005	HBR2-10618 SHT 007	4/22/2007
	<b>Comments:</b>	A enhanced visual examination was performed satisfactorily on this component inner radius to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Code Case N-648-1.							
32300	105A/OUTLET	NOZZLE INNER RADIUS	B-D	B3.140	NDEP-0611	VT VT-07-127 Sat	2005	HBR2-10618 SHT 007	4/22/2007
	<b>Comments:</b>	A enhanced visual examination was performed satisfactorily on this component inner radius to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Code Case N-648-1.							
32000	105A/CL-MNY-BLT	MANWAY BOLTING	B-G-2	B7.30	NDEP-0611	VT VT-07-173 Sat	2005	HBR2-10618 SHT 007	2/9/2007
	<b>Comments:</b>	A visual examination was performed on this component bolting to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
32100	105A/HL-MNY-BLT	MANWAY BOLTING	B-G-2	B7.30	NDEP-0611	VT VT-07-174 Sat	2005	HBR2-10618 SHT 007	2/9/2007
	<b>Comments:</b>	A visual examination was performed on this component bolting to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
33400	106/01	TUBESHEET TO HEAD	B-B	B2.51	NDEP-0613	VT VT-07-128 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
33500	106/02	TUBESHEET TO SHELL WELD	B-B	B2.80	NDEP-0613	VT VT-07-129 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
33600	106/05	TUBESHEET TO HEAD	B-B	B2.51	NDEP-0613	VT VT-07-130 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
33700	106/06	TUBESHEET TO SHELL WELD	B-B	B2.80	NDEP-0613	VT VT-07-131 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							

## RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
33800	106/09	TUBESHEET TO HEAD	B-B	B2.51	NDEP-0613	VT VT-07-132 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
33900	106/10	TUBESHEET TO SHELL WELD	B-B	B2.80	NDEP-0613	VT VT-07-133 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34000	106/13	REGEN HX TO NOZZLE	B-D	B3.150	NDEP-0613	VT VT-07-134 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34100	106/13IR	REGEN HX NOZZLE INNER RADIUS	B-D	B3.160	NDEP-0613	VT VT-07-135 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34200	106/14	REGEN HX TO NOZZLE	B-D	B3.150	NDEP-0613	VT VT-07-136 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34300	106/14IR	REGEN HX NOZZLE INNER RADIUS	B-D	B3.160	NDEP-0613	VT VT-07-137 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34400	106/15	REGEN HX TO NOZZLE	B-D	B3.150	NDEP-0613	VT VT-07-138 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34500	106/15IR	REGEN HX NOZZLE INNER RADIUS	B-D	B3.160	NDEP-0613	VT VT-07-139 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							

# RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
34600	106/16	REGEN HX TO NOZZLE	B-D	B3.150	NDEP-0613	VT VT-07-140 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34700	106/16IR	REGEN HX NOZZLE INNER RADIUS	B-D	B3.160	NDEP-0613	VT VT-07-141 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34800	106/17	REGEN HX TO NOZZLE	B-D	B3.150	NDEP-0613	VT VT-07-142 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
34900	106/17IR	REGEN HX NOZZLE INNER RADIUS	B-D	B3.160	NDEP-0613	VT VT-07-143 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
35000	106/18	REGEN HX TO NOZZLE	B-D	B3.150	NDEP-0613	VT VT-07-144 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
35100	106/18IR	REGEN HX NOZZLE INNER RADIUS	B-D	B3.160	NDEP-0613	VT VT-07-145 Sat	2005	HBR2-10618 SHT 009	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
42700	109/08	PIPE TO ELBOW	B-J	B9.11	NDEP-0201	PT PT-07-029 Sat	2045	HBR2-10618 SHT 014	4/19/2007
					NDEP-0425	UT UT-07-001 Sat	2045	HBR2-10618 SHT 014	4/19/2007
	<b>Comments:</b>	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

# RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
42800	109/09	ELBOW TO PIPE	B-J	B9.11	NDEP-0425	UT UT-07-002 Sat	2045	HBR2-10618 SHT 014	4/19/2007
					NDEP-0201	PT PT-07-030 Sat	2045	HBR2-10618 SHT 014	4/18/2007
	<b>Comments:</b>	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
43300	109/C-WS	WELDED BOX RESTRAINT	F-A	F1.10	NDEP-0613	VT VT-07-146 Sat	2045	HBR2-10618 SHT 014	4/14/2007
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
41900	109/*C-WS	INTEGRAL ATTACHMENT	B-K	B10.20	NDEP-0201	PT PT-07-028 Unsat	2005	HBR2-10618 SHT 014	4/19/2007
	<b>Comments:</b>	A surface examination was performed on the component integral attachments of this support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with results that exceeded the ASME Code allowable. A sample expansion was initiated which resulted in two additional supports with integral attachments requiring examination of which both had satisfactory results.							
	<b>Evaluation Disposition Rejectable:</b>	Unacceptable linear indication was removed, surface was visually examined, liquid penetrant tested and an ultrasonic examination was performed to validate thickness. Lug was reinstalled by welding. Sample expansion initiated.							
43400	109/RHR-750(B)	VALVE RHR-750 BOLTING	B-G-2	B7.70	NDEP-0601	VT VT-07-147 Sat	2005	HBR2-10618 SHT 014	4/14/2007
	<b>Comments:</b>	A visual examination was performed on this component bolting, in place and under tension, to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
43800	110/*SI-2-2434	INTEGRAL ATTACHMENT	B-K	B10.20	NDEP-0201	PT PT-07-051 Sat	2080	HBR2-10618 SHT 015	4/21/2007
	<b>Comments:</b>	A limited surface examination due to support configuration was performed on the component integral attachments as part of the sample expansion to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
53600	114/A-WS	WELDED BOX RESTRAINT	F-A	F1.10	NDEP-0613	VT VT-07-194 Sat	2080	HBR2-10618 SHT 019	4/26/2007
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
53100	114/*A-WS	INTEGRAL ATTACHMENT	B-K	B10.20	NDEP-0201	PT PT-07-052 Sat	2080	HBR2-10618 SHT 019	4/23/2007
	<b>Comments:</b>	A limited surface examination due to support configuration was performed on the component integral attachments as part of the sample expansion to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
54700	115/SI-876C(I)	VALVE SI-876C BODY INTERIOR	B-M-2	B12.50 (B)	NDEP-0613	VT VT-07-175 Sat	2080	HBR2-10618 SHT 020	4/20/2007
	<b>Comments:</b>	A visual examination of the valve interior was performed to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
59500	116/Y-WS	WELDED SPRING HANGER	F-A	F1.10	NDEP-0613	VT VT-07-148 Sat	2005	HBR2-10618 SHT 021	5/8/2007
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
55300	116/*Y-WS	INTEGRAL ATTACHMENT	B-K	B10.20	NDEP-0201	PT PT-07-031 Sat	2005	HBR2-10618 SHT 021	4/26/2007
	<b>Comments:</b>	A surface examination was performed on the component integral attachments to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
60400	116A/142	ELBOW TO PIPE	B-J	B9.11	NDEP-0201	PT PT-07-032 Sat	2005	HBR2-10618 SHT 022	4/19/2007
					NDEP-0425	UT UT-07-003 Sat	2005	HBR2-10618 SHT 022	4/25/2007
					NDEP-0425	UT UT-07-041 Sat	2005	HBR2-10618 SHT 022	4/20/2007
	<b>Comments:</b>	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
61200	116A/S-WS	WELDED BOX RESTRAINT	F-A	F1.10	NDEP-0613	VT VT-07-149 Eval	2005	HBR2-10618 SHT 022	4/18/2007
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with results that required evaluation by Civil Engineering.							
	<b>Evaluation Disposition Acceptable:</b>	Civil Engineering evaluation concluded the support is acceptable as is, however WR 286553 was initiated to clean and paint the support in RO-25.							
63800	116B/D	CLOSED BOX RESTRAINT	F-A	F1.10	NDEP-0613	VT VT-07-150 Sat	2005	HBR2-10618 SHT 023	4/18/2007
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

# RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
64000	116B/F-WS	WELDED DUAL SPRING HANGER	F-A	F1.10	NDEP-0613	VT VT-07-198 Sat	2005	HBR2-10618 SHT 023	5/8/2007
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
71600	122/12	PIPE TO ELBOW	B-J	B9.21	NDEP-0201	PT PT-07-055 Sat	2060	HBR2-10618 SHT 032	4/23/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
71700	122/13	ELBOW TO PIPE	B-J	B9.21	NDEP-0201	PT PT-07-056 Sat	2060	HBR2-10618 SHT 032	4/23/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
78400	123/53	BRANCH CONNECTION TO PIPE	B-J	B9.21	NDEP-0613	VT VT-07-151 Sat	2060	HBR2-10618 SHT 034	4/11/2007
	<b>Comments:</b>	A visual examination was performed on this component satisfactorily to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
78500	123/54	BRANCH CONNECTION TO PIPE	B-J	B9.21	NDEP-0613	VT VT-07-152 Sat	2060	HBR2-10618 SHT 034	4/11/2007
	<b>Comments:</b>	A visual examination was performed on this component satisfactorily to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
78600	123/57	BRANCH CONNECTION TO PIPE	B-J	B9.21	NDEP-0613	VT VT-07-153 Sat	2060	HBR2-10618 SHT 034	4/11/2007
	<b>Comments:</b>	A visual examination was performed on this component satisfactorily to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
78700	123/58	BRANCH CONNECTION TO PIPE	B-J	B9.21	NDEP-0613	VT VT-07-154 Sat	2060	HBR2-10618 SHT 034	4/11/2007
	<b>Comments:</b>	A visual examination was performed on this component satisfactorily to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
78800	123/61	BRANCH CONNECTION TO PIPE	B-J	B9.21	NDEP-0613	VT VT-07-155 Sat	2060	HBR2-10618 SHT 034	4/11/2007
	<b>Comments:</b>	A visual examination was performed on this component satisfactorily to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							



## RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
78900	123/62	PIPE TO ELBOW	B-J	B9.21	NDEP-0613	VT VT-07-156 Sat	2060	HBR2-10618 SHT 034	4/11/2007
	<b>Comments:</b>	A visual examination was performed on this component satisfactorily to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
80600	123/CVC-312C(B)	VALVE CVC-312C BOLTING	B-G-2	B7.70	NDEP-0611	VT VT-07-158 Sat	2060	HBR2-10618 SHT 034	4/13/2007
	<b>Comments:</b>	A visual examination was performed on this component bolting, in place and under tension, to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
80100	123/CC	ROD HANGER	F-A	F1.10	NDEP-0613	VT VT-07-157 Sat	2060	HBR2-10618 SHT 034	4/13/2007
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
83300	123A/48	PIPE TO ELBOW	B-J	B9.21	NDEP-0613	VT VT-07-159 Sat	2060	HBR2-10618 SHT 035	4/11/2007
	<b>Comments:</b>	A visual examination was performed on this component satisfactorily to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
83400	123A/50	ELBOW TO NOZZLE	B-J	B9.21	NDEP-0613	VT VT-07-160 Sat	2060	HBR2-10618 SHT 035	4/11/2007
	<b>Comments:</b>	A visual examination was performed on this component satisfactorily to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
89700	125/03	PIPE TO ELBOW	B-J	B9.40	NDEP-0201	PT PT-07-033 Sat	2005	HBR2-10618 SHT 037	4/20/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
89800	125/04	ELBOW TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-034 Sat	2005	HBR2-10618 SHT 037	4/20/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
89900	125/05	PIPE TO ELBOW	B-J	B9.40	NDEP-0201	PT PT-07-035 Sat	2005	HBR2-10618 SHT 037	4/20/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
95700	125/LCV-460B(B)	VALVE LCV-460B BOLTING	B-G-2	B7.70	NDEP-0611	VT VT-07-162 Sat	2060	HBR2-10618 SHT 037	4/19/2007
	<b>Comments:</b>	A visual examination was performed on this component bolting, disassembled, to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
125400	141/05	PIPE TO VALVE SI-874B WELD	B-J	B9.40	NDEP-0201	PT PT-07-049 Sat	2005	HBR2-10618 SHT 053	4/14/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131000	142/02	PIPE TO ELBOW	B-J	B9.40	NDEP-0201	PT PT-07-036 Sat	2005	HBR2-10618 SHT 054	4/14/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131100	142/02A	ELBOW TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-037 Sat	2005	HBR2-10618 SHT 054	4/14/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131200	142/03	PIPE TO ELBOW	B-J	B9.40	NDEP-0201	PT PT-07-038 Sat	2005	HBR2-10618 SHT 054	4/14/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131300	142/03A	ELBOW TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-039 Sat	2005	HBR2-10618 SHT 054	4/14/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131400	142/04	PIPE TO ELBOW	B-J	B9.40	NDEP-0201	PT PT-07-040 Sat	2005	HBR2-10618 SHT 054	4/14/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131600	142/05	PIPE TO VALVE SI-874A WELD	B-J	B9.40	NDEP-0201	PT PT-07-048 Sat	2005	HBR2-10618 SHT 054	4/13/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

# RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
163000	202/B01	BIT TANK MANWAY BOLT 1	C-D	C4.10	NDEP-0439	UT UT-07-004 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
163100	202/B02	BIT TANK MANWAY BOLT 2	C-D	C4.10	NDEP-0439	UT UT-07-005 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
163200	202/B03	BIT TANK MANWAY BOLT 3	C-D	C4.10	NDEP-0439	UT UT-07-006 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
163300	202/B04	BIT TANK MANWAY BOLT 4	C-D	C4.10	NDEP-0439	UT UT-07-007 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
163400	202/B05	BIT TANK MANWAY BOLT 5	C-D	C4.10	NDEP-0439	UT UT-07-008 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
163500	202/B06	BIT TANK MANWAY BOLT 6	C-D	C4.10	NDEP-0439	UT UT-07-009 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
163600	202/B07	BIT TANK MANWAY BOLT 7	C-D	C4.10	NDEP-0439	UT UT-07-010 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
163700	202/B08	BIT TANK MANWAY BOLT 8	C-D	C4.10	NDEP-0439	UT UT-07-011 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

# RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
163800	202/B09	BIT TANK MANWAY BOLT 9	C-D	C4.10	NDEP-0439	UT UT-07-012 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
163900	202/B10	BIT TANK MANWAY BOLT 10	C-D	C4.10	NDEP-0439	UT UT-07-013 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
164000	202/B11	BIT TANK MANWAY BOLT 11	C-D	C4.10	NDEP-0439	UT UT-07-014 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
164100	202/B12	BIT TANK MANWAY BOLT 12	C-D	C4.10	NDEP-0439	UT UT-07-015 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
164200	202/B13	BIT TANK MANWAY BOLT 13	C-D	C4.10	NDEP-0439	UT UT-07-016 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
164300	202/B14	BIT TANK MANWAY BOLT 14	C-D	C4.10	NDEP-0439	UT UT-07-017 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
164400	202/B15	BIT TANK MANWAY BOLT 15	C-D	C4.10	NDEP-0439	UT UT-07-018 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
164500	202/B16	BIT TANK MANWAY BOLT 16	C-D	C4.10	NDEP-0439	UT UT-07-019 Sat	2080	HBR2-10618 SHT 058	4/14/2007
	<b>Comments:</b>	A volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
171600	206/A	U-BOLT RESTRAINT	F-A	F1.40	NDEP-0613	VT VT-07-163 Sat	2060	HBR2-10618 SHT 064	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
171700	206/B	SADDLE SUPPORT	F-A	F1.40	NDEP-0613	VT VT-07-164 Sat	2060	HBR2-10618 SHT 064	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
171800	206/C	U-BOLT RESTRAINT	F-A	F1.40	NDEP-0613	VT VT-07-165 Sat	2060	HBR2-10618 SHT 064	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
171900	206/D	SADDLE SUPPORT	F-A	F1.40	NDEP-0613	VT VT-07-166 Sat	2060	HBR2-10618 SHT 064	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
172000	206/E	U-BOLT RESTRAINT	F-A	F1.40	NDEP-0613	VT VT-07-167 Sat	2060	HBR2-10618 SHT 064	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
172100	206/F	SADDLE SUPPORT	F-A	F1.40	NDEP-0613	VT VT-07-172 Sat	2060	HBR2-10618 SHT 064	4/11/2007
	<b>Comments:</b>	A visual examination was performed satisfactorily on this component to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda and Relief Request RR-02.							
181100	213/17	PIPE TO VALVE MS-V1-3B WELD	C-F-2	C5.51	NDEP-0301	MT MT-07-001 Sat	3020	HBR2-10618 SHT 072	4/21/2007
					NDEP-0437	UT UT-07-044 Sat	3020	HBR2-10618 SHT 072	4/21/2007
					NDEP-0437	UT UT-07-020 Sat	3020	HBR2-10618 SHT 072	4/21/2007
					NDEP-0437	UT UT-07-047 Sat	3020	HBR2-10618 SHT 072	4/24/2007
	<b>Comments:</b>	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

# RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results			System	ISO Number	Exam Date
181500	213/21BC	PIPE TO BRANCH CONNECTION	C-F-2	C5.81	NDEP-0301	MT	MT-07-002	Sat	3020	HBR2-10618 SHT 072	4/21/2007
	<b>Comments:</b>	A surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.									
181600	213/22	BRANCH CONNECTION TO VALVE SV1-1B	C-F-2	C5.51	NDEP-0301	MT	MT-07-003	Sat	3020	HBR2-10618 SHT 072	4/21/2007
					NDEP-0437	UT	UT-07-045	Sat	3020	HBR2-10618 SHT 072	4/21/2007
					NDEP-0437	UT	UT-07-046	Sat	3020	HBR2-10618 SHT 072	4/21/2007
					NDEP-0437	UT	UT-07-021	Sat	3020	HBR2-10618 SHT 072	4/21/2007
	<b>Comments:</b>	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.									
182000	213/26	BRANCH CONNECTION TO VALVE SV1-3B	C-F-2	C5.51	NDEP-0301	MT	MT-07-004	Sat	3020	HBR2-10618 SHT 072	4/24/2007
					NDEP-0437	UT	UT-07-048	Sat	3020	HBR2-10618 SHT 072	4/24/2007
					NDEP-0437	UT	UT-07-022	Sat	3020	HBR2-10618 SHT 072	4/24/2007
					NDEP-0437	UT	UT-07-049	Sat	3020	HBR2-10618 SHT 072	4/24/2007
	<b>Comments:</b>	A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.									
194800	215/W-WS	WELDED SPRING SUPPORT	F-A	F1.20	NDEP-0613	VT	VT-07-168	Eval	3050	HBR2-10618 SHT 074	4/17/2007
	<b>Comments:</b>	A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with results that required evaluation by Civil Engineering..									
	<b>Evaluation Disposition Acceptable:</b>	Civil Engineering evaluation concluded that the spring can setting is within 3% of design and therefore is acceptable as is, no further action required.									

# RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
196300	216/07	PIPE TO ELBOW	C-F-2	C5.51	NDEP-0301	MT MT-07-007 Sat	3050	HBR2-10618 SHT 075	4/17/2007
					NDEP-0437	UT UT-07-028 Sat	3050	HBR2-10618 SHT 075	4/17/2007
					NDEP-0437	UT UT-07-038 Sat	3050	HBR2-10618 SHT 075	4/17/2007
					<b>Comments:</b> A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.				
196600	216/11	ELBOW TO ELBOW	C-F-2	C5.51	NDEP-0301	MT MT-07-009 Sat	3050	HBR2-10618 SHT 075	4/17/2007
					NDEP-0437	UT UT-07-039 Sat	3050	HBR2-10618 SHT 075	4/18/2007
					NDEP-0437	UT UT-07-023 Sat	3050	HBR2-10618 SHT 075	4/18/2007
					<b>Comments:</b> A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.				
196700	216/12	ELBOW TO PIPE	C-F-2	C5.51	NDEP-0301	MT MT-07-010 Sat	3050	HBR2-10618 SHT 075	4/17/2007
					NDEP-0437	UT UT-07-040 Sat	3050	HBR2-10618 SHT 075	4/18/2007
					NDEP-0437	UT UT-07-024 Sat	3050	HBR2-10618 SHT 075	4/18/2007
					<b>Comments:</b> A surface and volumetric examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.				
197900	216/F-WS	WELDED BOX RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-07-169 Sat	3050	HBR2-10618 SHT 075	4/17/2007
					<b>Comments:</b> A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.				
309100	243/A	CLEVIS ROD HANGER	F-A	F1.20	NDEP-0613	VT VT-07-170 Sat	2080	HBR2-10618 SHT 109	4/18/2007
					<b>Comments:</b> A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.				

## RO-24 INSERVICE EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
317700	245/SI-6-H19	CLOSED BOX RESTRAINT	F-A	F1.20	NDEP-0613	VT VT-07-171 Eval	2080	HBR2-10618 SHT 111	4/24/2007
<b>Comments:</b>		A visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with results that required evaluation by Civil Engineering..							
<b>Evaluation Disposition</b>		Civil Engineering evaluation identified the support as functional, however, locknut installation and insulation were restored per WO 1055120.							
<b>Acceptable:</b>									



TAB  
C

AUGMENTED  
EXAMINATION  
SUMMARY

# AUGMENTED EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
192300	215/79-13-A	S/G A NOZZLE TO ELBOW	AUGMENT	E-1	NDEP-0437	UT UT-07-030 Sat	3050	HBR2-10618 SHT 074	4/18/2007
	<b>Comments:</b>	A volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-1 and NRC Bulletin 79-13 with satisfactory results.							
197200	216/79-13-B	S/G B NOZZLE TO ELBOW	AUGMENT	E-1	NDEP-0437	UT UT-07-025 Sat	3050	HBR2-10618 SHT 075	4/18/2007
	<b>Comments:</b>	A volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-1 and NRC Bulletin 79-13 with satisfactory results.							
201000	217/79-13-C	S/G C NOZZLE TO ELBOW	AUGMENT	E-1	NDEP-0437	UT UT-07-031 Sat	3050	HBR2-10618 SHT 076	4/18/2007
	<b>Comments:</b>	A volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-1 and NRC Bulletin 79-13 with satisfactory results.							
282400	234B/10	PIPE TO ELBOW	AUGMENT	E-8	NDEP-0436	UT UT-07-032 Sat	2080C	HBR2-10618 SHT 099	4/20/2007
					NDEP-0436	UT UT-07-043 Sat	2080C	HBR2-10618 SHT 099	4/20/2007
	<b>Comments:</b>	A volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-8 with satisfactory results.							
282800	234B/14	ELBOW TO PIPE	AUGMENT	E-8	NDEP-0436	UT UT-07-033 Sat	2080C	HBR2-10618 SHT 099	4/20/2007
					NDEP-0436	UT UT-07-042 Sat	2080C	HBR2-10618 SHT 099	4/20/2007
	<b>Comments:</b>	A volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-8 with satisfactory results.							
335300	248/B-1	LOWER LEVEL TRANSMITTER	AUGMENT	E-2	NDEP-0201	PT PT-07-041 Sat	2080	HBR2-10618 SHT 165	4/16/2007
					NDEP-0428	UT UT-07-034 Sat	2080	HBR2-10618 SHT 165	4/16/2007
	<b>Comments:</b>	A surface and volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-2 with satisfactory results.							

## AUGMENTED EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
335400	248/B-2	LOWER LEVEL TRANSMITTER	AUGMENT	E-2	NDEP-0428	UT UT-07-035 Sat	2080	HBR2-10618 SHT 165	4/16/2007
					NDEP-0201	PT PT-07-042 Sat	2080	HBR2-10618 SHT 165	4/16/2007
					<b>Comments:</b> A surface and volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-2 with satisfactory results.				
335500	248/B-3	UPPER LEVEL TRANSMITTER	AUGMENT	E-2	NDEP-0428	UT UT-07-036 Sat	2080	HBR2-10618 SHT 165	4/16/2007
					NDEP-0201	PT PT-07-043 Sat	2080	HBR2-10618 SHT 165	4/16/2007
					<b>Comments:</b> A surface and volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-2 with satisfactory results.				
335600	248/B-4	UPPER LEVEL TRANSMITTER	AUGMENT	E-2	NDEP-0428	UT UT-07-037 Sat	2080	HBR2-10618 SHT 165	4/16/2007
					NDEP-0201	PT PT-07-044 Sat	2080	HBR2-10618 SHT 165	4/16/2007
					<b>Comments:</b> A surface and volumetric examination was performed on this component area to the requirements of the Fourth Ten Year Interval Program Augmented E-2 with satisfactory results.				

TAB  
D

OWNER ELECTED  
EXAMINATION  
SUMMARY

## OWNER ELECTED EXAMINATION SUMMARY

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
31000	105/CL-MNY-BLT	S/G A NOZZLE TO ELBOW	B-G-2	B7.30	NDEP-0611	VT BOP-VT-07-001 Sat	3005	HBR2-10618 SHT 006	2/9/2007
	<b>Comments:</b>	A visual examination was performed on this component with satisfactory results.							
31100	105/HL-MNY-BLT	S/G B NOZZLE TO ELBOW	B-G-2	B7.30	NDEP-0611	VT BOP-VT-07-002 Sat	3005	HBR2-10618 SHT 006	2/9/2007
	<b>Comments:</b>	A visual examination was performed on this component with satisfactory results.							
33000	105B/CL-MNY-BLT	S/G C NOZZLE TO ELBOW	B-G-2	B7.30	NDEP-0611	VT BOP-VT-07-003 Sat	3005	HBR2-10618 SHT 008	2/9/2007
	<b>Comments:</b>	A visual examination was performed on this component with satisfactory results.							
33100	105B/HL-MNY-BLT	PIPE TO ELBOW	B-G-2	B7.30	NDEP-0611	VT BOP-VT-07-004 Sat	3005	HBR2-10618 SHT 008	2/9/2007
	<b>Comments:</b>	A visual examination was performed on this component with satisfactory results.							
71800	122/14	PIPE TO ELBOW	B-J	B9.21	NDEP-0201	PT PT-07-057 Sat	2060	HBR2-10618 SHT 032	4/23/2007
	<b>Comments:</b>	A surface examination was performed on this component weld with satisfactory results.							
71900	122/15	ELBOW TO PIPE	B-J	B9.21	NDEP-0201	PT PT-07-058 Sat	2060	HBR2-10618 SHT 032	4/23/2007
	<b>Comments:</b>	A surface examination was performed on this component weld with satisfactory results.							
72000	122/16	PIPE TO ELBOW	B-J	B9.21	NDEP-0201	PT PT-07-059 Sat	2060	HBR2-10618 SHT 032	4/23/2007
	<b>Comments:</b>	A surface examination was performed on this component weld with satisfactory results.							
72100	122/17	ELBOW TO PIPE	B-J	B9.21	NDEP-0201	PT PT-07-060 Sat	2060	HBR2-10618 SHT 032	4/23/2007
	<b>Comments:</b>	A surface examination was performed on this component weld with satisfactory results.							

TAB  
E

PRESERVICE  
EXAMINATION  
SUMMARY

## RO-24 Pre-Service Examination Summary

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
16100	101B/S14	REACTOR VESSEL STUD 14	B-G-1	B6.30	NDEP-0439	UT UT-07-050 Sat	1005	HBR2-10618 SHT 003	4/25/2007
	<b>Comments:</b>	A pre-service volumetric examination was performed on this component stud to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
41900	109/*C-WS	INTEGRAL ATTACHMENT	B-K	B10.20	NDEP-0201	PT PT-07-050 Sat	2005	HBR2-10618 SHT 014	4/22/2007
	<b>Comments:</b>	A pre-service surface examination was performed on the component integral attachments of this support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with results satisfactory results							
53100	114/*A-WS	INTEGRAL ATTACHMENT	B-K	B10.20	NDEP-0201	PT PT-07-061 Sat	2080	HBR2-10618 SHT 019	4/26/2007
	<b>Comments:</b>	A limited pre-service surface examination due to configuration was performed on the component integral attachments to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
73700	122/F	CLOSED BOX RESTRAINT	F-A	F1.10	NDEP-0613	VT VT-07-191 Sat	2060	HBR2-10618 SHT 032	4/25/2007
	<b>Comments:</b>	A pre-service visual examination was performed on this component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
85300	124/03	PIPE TO VALVE CVC-312B WELD	B-J	B9.21	NDEP-0201	PT PT-07-053 Sat	2005	HBR2-10618 SHT 036	4/24/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
85400	124/04	VALVE CVC-312B TO PIPE	B-J	B9.21	NDEP-0201	PT PT-07-054 Sat	2060	HBR2-10618 SHT 036	4/24/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
88100	124/CVC-312B	VALVE CVC-312B BOLTING	B-J	B9.21	NDEP-0611	VT VE-07-001 Sat	2060	HBR2-10618 SHT 036	4/24/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component bolting to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
92500	125/33	PIPE TO ELBOW	B-J	B9.40	NDEP-0201	PT PT-07-002 Sat	2060	HBR2-10618 SHT 037	4/5/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## RO-24 Pre-Service Examination Summary

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
92600	125/34	ELBOW TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-003 Sat	2060	HBR2-10618 SHT 037	4/16/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
92900	125/37	PIPE TO COUPLING	B-J	B9.40	NDEP-0201	PT PT-07-006 Sat	2060	HBR2-10618 SHT 037	4/17/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93000	125/38	COUPLING TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-007 Sat	2060	HBR2-10618 SHT 037	4/14/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93100	125/39	PIPE TO TEE	B-J	B9.21	NDEP-0201	PT PT-07-008 Sat	2060	HBR2-10618 SHT 037	3/12/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93200	125/40	TEE TO REDUCING INSERT	B-J	B9.21	NDEP-0201	PT PT-07-009 Sat	2060	HBR2-10618 SHT 037	3/8/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93300	125/41	TEE TO PIPE	B-J	B9.21	NDEP-0201	PT PT-07-010 Sat	2060	HBR2-10618 SHT 037	3/8/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93400	125/42	PIPE TO ELBOW	B-J	B9.21	NDEP-0201	PT PT-07-011 Sat	2060	HBR2-10618 SHT 037	3/12/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93500	125/43	ELBOW TO PIPE	B-J	B9.21	NDEP-0201	PT PT-07-012 Sat	2060	HBR2-10618 SHT 037	3/9/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							



## RO-24 Pre-Service Examination Summary

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
93600	125/44	PIPE TO ELBOW	B-J	B9.21	NDEP-0201	PT PT-07-013 Sat	2060	HBR2-10618 SHT 037	3/9/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93700	125/45	ELBOW TO PIPE	B-J	B9.21	NDEP-0201	PT PT-07-014 Sat	2060	HBR2-10618 SHT 037	3/9/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93800	125/46	PIPE TO VALVE CVC-474 WELD	B-J	B9.40	NDEP-0201	PT PT-07-015 Sat	2060	HBR2-10618 SHT 037	4/16/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
93900	125/47	VALVE CVC-474 TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-016 Sat	2060	HBR2-10618 SHT 037	4/14/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
94000	125/48	PIPE TO VALVE LCV-460A WELD	B-J	B9.40	NDEP-0201	PT PT-07-017 Sat	2060	HBR2-10618 SHT 037	4/3/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
94100	125/49	VALVE LCV-460A TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-018 Sat	2060	HBR2-10618 SHT 037	4/3/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
94200	125/50	PIPE TO VALVE LCV-460B WELD	B-J	B9.40	NDEP-0201	PT PT-07-019 Sat	2060	HBR2-10618 SHT 037	4/14/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
94225	125/51	PIPE TO COUPLING WELD	B-J	B9.40	NDEP-0201	PT PT-07-046 Sat	2060	HBR2-10618 SHT 037	4/18/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## RO-24 Pre-Service Examination Summary

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
94250	125/52	COUPLING TO PIPE WELD	B-J	B9.40	NDEP-0201	PT PT-07-047 Sat	2060	HBR2-10618 SHT 037	4/16/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
95300	125/CH-7-N2	PEDESTAL SUPPORT	F-A	F1.10	NDEP-0613	VT VT-07-197 Sat	2060	HBR2-10618 SHT 037	5/1/2007
	<b>Comments:</b>	A pre-service visual examination was performed on the component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
95400	125/K	CLOSED BOX RESTRAINT	F-A	F1.10	NDEP-0613	VT VT-07-124 Sat	2060	HBR2-10618 SHT 037	5/1/2007
	<b>Comments:</b>	A pre-service visual examination was performed on the component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
95500	125/L	CLOSED BOX RESTRAINT	F-A	F1.10	NDEP-0613	VT VT-07-125 Sat	2060	HBR2-10618 SHT 037	4/30/2007
	<b>Comments:</b>	A pre-service visual examination was performed on the component support to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
125400	141/05	PIPE TO VALVE SI-874B WELD	B-J	B9.40	NDEP-0201	PT PT-07-020 Sat	2005	HBR2-10618 SHT 053	4/14/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
125500	141/06	VALVE SI-874B TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-021 Sat	2080	HBR2-10618 SHT 053	2/12/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
125525	141/33	PIPE TO COUPLING	B-J	B9.40	NDEP-0201	PT PT-07-022 Sat	2080	HBR2-10618 SHT 053	2/12/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
125550	141/32	COUPLING TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-023 Sat	2080	HBR2-10618 SHT 053	4/23/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

## RO-24 Pre-Service Examination Summary

Summary No.	Component ID	Component Description	Category	Item	Procedure	Method/Report #/Results	System	ISO Number	Exam Date
131600	142/05	PIPE TO VALVE SI-874A WELD	B-J	B9.40	NDEP-0201	PT PT-07-024 Sat	2005	HBR2-10618 SHT 054	4/21/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131700	142/06	VALVE SI-874A TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-025 Sat	2080	HBR2-10618 SHT 054	2/12/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131725	142/28	PIPE TO COUPLING	B-J	B9.40	NDEP-0201	PT PT-07-026 Sat	2080	HBR2-10618 SHT 054	2/12/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							
131750	142/27	COUPLING TO PIPE	B-J	B9.40	NDEP-0201	PT PT-07-027 Sat	2080	HBR2-10618 SHT 054	4/21/2007
	<b>Comments:</b>	A pre-service surface examination was performed on this component weld to the requirements of ASME Section XI, 1995 Edition, 1996 Addenda with satisfactory results.							

TAB

F

PRESSURE

TEST

SUMMARY

The table below lists the pressure tests performed from the close date of the previous NIS-1 (October 27, 2005) and the close of refueling outage 24 (5/17/2007) of the Fourth Ten Year Interval.

SYSTEM	DESCRIPTION	COMPLETION DATE	PROCEDURE	RESULTS
SI	INSERVICE INSPECTION PRESSURE TESTING OF THE CONTAINMENT SPRAY SYSTEM (EACH ISI PROGRAM INSPECTION PERIOD)	9/13/2006	*EST-079	SAT
RHR	INSERVICE INSPECTION PRESSURE TESTING OF RHR SYSTEM (EACH ISI PROGRAM INSPECTION PERIOD)	5/8/2007	*EST-080	SAT
SI	INSERVICE INSPECTION PRESSURE TESTING OF SAFETY INJECTION SYSTEM DISCHARGE PIPING INSIDE CONTAINMENT (EACH ISI PROGRAM INSPECTION PERIOD)	4/7/2007	*EST-090	SAT
RCS	INSERVICE INSPECTION PRESSURE RETAINING VT-2 BOLTING EXAMINATION OF THE REACTOR COOLANT SYSTEM (REFUELING SHUTDOWN INTERVAL)	4/9/2007	*EST-083-1	SAT
RCS	INSERVICE INSPECTION PRESSURE TESTING OF THE REACTOR COOLANT SYSTEM (REFUELING SHUTDOWN INTERVAL)	5/11/2007	*EST-083-2	SAT
CVCS	INSERVICE INSPECTION PRESSURE TESTING OF THE CHEMICAL AND VOLUME CONTROL SYSTEM INSIDE CONTAINMENT (EACH ISI PROGRAM INSPECTION PERIOD)	4/7/2007	*EST-127	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.

TAB

G

EXAMINATION  
PERCENTAGE  
SUMMARY

## CLASS 1 SUMMARY TABLE

CATEGORY	TOTAL NUMBER OF COMPONENTS	INTERVAL NUMBER REQUIRED	INTERVAL NUMBER COMPLETE	INTERVAL PERCENT COMPLETE	NUMBER SCHEDULED/COMPLETED <sup>3</sup>		
					1 <sup>ST</sup> PERIOD	2 <sup>ND</sup> PERIOD	3 <sup>RD</sup> PERIOD
B-A*, <sup>2</sup>	20	20	0	0%	0/0	0/0	20/0
B-B <sup>1</sup>	13	5	1	20%	1/1	2/0	2/0
B-D*	36	23	5	21%	3/3	4/2	16/0
B-F	18	18	6	33%	4/4	4/2	10/0
B-G-1*	347	344	96	28%	48/48	48/48	248/0
B-G-2	44	44	28	64%	17/17	13/11	15/0
B-J	721	181	100	55%	56/56	68/44	71/0
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	0	0	0%	0/0	0/0	0/0
B-M-2	11	3	0	0%	0/0	0/0	0/0
B-N-1	1	1	0	0%	0/0	0/0	1/0
B-N-2	1	1	0	0%	0/0	0/0	1/0
B-N-3	1	1	0	0%	0/0	0/0	1/0
B-O <sup>2</sup>	56	5	1	20%	1/1	2/0	2/0
B-P	1	7	4 of 7	57%	2/2	3/2	2/0
B-Q	3	TECH SPEC	N/A	N/A	N/A	N/A	N/A

\* Deferral Permissible

<sup>1</sup> Code Case N-598 invoked for this Category

<sup>2</sup> Reactor Head Replaced in RO-23

<sup>3</sup> Minimum counts identified, actual completion counts may be greater.

## CLASS 2 SUMMARY TABLE

CATEGORY	TOTAL NUMBER OF COMPONENTS	INTERVAL NUMBER REQUIRED	INTERVAL NUMBER COMPLETE	INTERVAL PERCENT COMPLETE	# SCHEDULED/COMPLETED <sup>2</sup>		
					1 <sup>ST</sup> PERIOD	2 <sup>ND</sup> PERIOD	3 <sup>RD</sup> PERIOD
C-A	21	9	6	66%	3/3	3/3	3/0
C-B	26	10	5	50%	4/4	2/1	4/0
C-C	148	9	5	55%	3/3	4/4	2/0
C-D	1	1	1	100%	0/0	1/1	0/0
C-F-1	898	68	28	41%	23/23 <sup>1</sup>	23/4	23/0
C-F-2	141	28	13	46%	10/10 <sup>1</sup>	10/3	10/0
C-G	4	2	0	0%	0/0	0/0	2/0
C-H	11	11 (per period)	17 of 33	52%	11/11	11/6	11/0

<sup>1</sup> Code Case N-598 invoked for this Category

<sup>2</sup> Minimum counts identified, actual completion counts may be greater.



## CLASS 1, 2, & 3 SUPPORT SUMMARY TABLE

CATEGORY	TOTAL NUMBER OF COMPONENTS	INTERVAL NUMBER REQUIRED	INTERVAL NUMBER COMPLETE	INTERVAL PERCENT COMPLETE	# SCHEDULED/COMPLETED <sup>2</sup>		
					1 <sup>ST</sup> PERIOD	2 <sup>ND</sup> PERIOD	3 <sup>RD</sup> PERIOD
F-A F1.10 <sup>1</sup>	206	52	29	55%	17/17	17/12	18/0
F-A, F1.20 <sup>1</sup>	387	59	39	66%	19/19	20/20	20/0
F-A, F1.30 <sup>1</sup>	555	56	37	66%	18/18	19/19	19/0
F-A, F1.40 <sup>1</sup>	94 Supports on 45 components (24 Groups)	45	27	60%	16/16	14/11	15/0

<sup>1</sup> Code Case N-598 invoked for this Category

<sup>2</sup> Minimum counts identified, actual completion counts may be greater.

TAB

H

REPAIR

AND

REPLACEMENT

## RO-24 REPAIR/REPLACEMENT SUMMARY REPORT

NIS-2 #	Work Order	Component ID	System	Description
06-001	783179	MS-V1-3C	3020	Repair of mechanical joint leakage by seal welding
06-002	808974	CVC-277C	2060	Replaced valve disc and seal welded body to bonnet interface
06-003	633575	SW-75	4060	Replaced valve
06-004	834476	SG-C-SM-CVR	3005	Replaced Secondary Manway bolting for temporary repair
06-005	791943	SWBP B	4060	Replaced rotating assembly with refurbished spare previously inservice
06-006	825802	SW-PMP-C	4060	Replaced packing head cap screws
06-007	764211	SI-PMP-A	2080	Replaced casing studs
06-008	812250	SW-C-1000	4060	Restored supports to design configuration
06-009	892937	CH-30	2060	Replaced pipe piece, fitting and flange bolting
06-010	880828	SI-PMP-A	2060	Replaced SI-PMP-A stud #17
07-001	848029	CHG-PMP-A	2060	Repaired Fluid Cylinder gasket sealing surfaces by machining
07-002	888147	SW-PMP-D	2060	Replaced SW Pump D with refurbished spare
07-003	1048098	134/K	2060	Replacement of adjustable clevis hanger
07-004	774251	RPV Stud	1005	Replaced RPV Stud #14
07-005	1048100	AFW-40	3065	Added weld metal to valve disc to limit motion
07-006	1053101	SI-2-343	2080	Prep for NDE by grinding and weld buildup of existing welds to specs
07-007	774462	Snubber-RSV-A	3005	Replaced snubber hydraulic fluid reservoir

## RO-24 REPAIR/REPLACEMENT SUMMARY REPORT

NIS-2 #	Work Order	Component ID	System	Description
07-008	652567	SW-6	4060	Replaced valve with refurbished spare and two studs
07-009	998159	CVC-293B	2060	Replaced piping and valve due to seat leakage
07-010	1006363 36	2-CW-146	4060	Removal and reinstallation of valve SW-190 and new piping to support reinstallation of Circ Water Pump "C"
07-011	1006363 13	2-CW-146	4060	Removal and reinstallation of valve and piping to support removal of Circ Water Pump
07-012	820630	SI-874A	2080	Replacing valve and piping
07-013	820628	SI-874B	2080	Replacing valve and piping
07-014	862230	Snubber 24	2005	Replaced snubber 24
07-015	1044523	CH-5-252	2060	Restored and modified support per EC 66645 and removed gouge on adjacent piping.
07-016	834476 06	SG-C-SM-CVR	3005	Restored temporary repair by replacing secondary manway bolting to specs and machining cover
07-017	903421	LCV-460A	2060	Replacing CVCS valves and letdown line for dose reduction
07-018	1010401	SI-866B	2080	Replaced valve disc
07-019	1048963	SI-3-3135	2045	Repaired lugs on support SI-3-3135 by re-welding
07-020	1057201	RC-H4	2005	Replaced and modified spring hanger RC-H4
07-021	774377	CVC-239A	2060	Replaced valve and piping by welding
07-022	774461	SNUBBER-RSV-C	3005	Replaced snubber hydraulic fluid reservoir
07-023	852227	SG-B-SM-CVR	3005	Machined secondary manway cover sealing surface
07-024	893807	AFW-41	3065	Added weld metal to valve disc to limit motion

## RO-24 REPAIR/REPLACEMENT SUMMARY REPORT

NIS-2 #	Work Order	Component ID	System	Description
07-025	846964 09	CVC-312B	2060	Replacing valve by welding due to mechanical damage during maintenance and seal welded cap
07-026	1052898	AFW-69	3050	Replaced valve by welding
07-027	861873 12	HVH-4	8150	Bolting replacement
07-028	892773	PEN E5	8010	Installed new electrical penetration in spare location
07-029	395168	SI-875J	2080	Replaced valve and pipe piece
07-030	822316-54	CH-7-N2	2060	Replaced support CH-7-N2 under EC-63481
07-031	822316-16	CH-17-44 & CH-7-167	2060	Replaced supports per EC-63481
07-032	903421 31	CH-7-38	2060	Repaired support CH-7-38
07-033	783179 05	MS-V1-3C	3020	Restoration of EC 62809 temporary repair by replacing shaft cover and bolting
07-034	756198	SI-876C	2080	Replaced valve disc
07-035	766763	MS-261A	3050	Replaced bushing housing by welding
07-036	584276 08 & 17	FIC-626	4080	Replacing FI-626 with spool piece
07-037	670380	3-AC-932	4080	Installed CCW Return Header Bypass Modification
07-038	870428	CH-7-147	2060	Modified and relocated support CH-7-147
07-039	875123	SI-839	2080	Removed Valve SI-839 Per EC 58579
07-040	1049302	CVC-347	2060	Exchanged bonnet assemblies between valves CVC-375 and CVC-347
07-041	977446 02	MS-V1-3C	3020	Temporary repair by seal welding mechanical shaft cover plate

## RO-24 REPAIR/REPLACEMENT SUMMARY REPORT

NIS-2 #	Work Order	Component ID	System	Description
07-042	977446 03	MS-V1-3C	3020	Restoration of EC 62809 temporary repair by replacing east shaft cover and bolting
07-043	756223	MS-V1-3B	3020	Machined shaft covers for phonographic finish
07-044	1036658	SG-B	3005	Installed rolled tube plugs in tube locations R29 C14, R30 C14, R29 C15, R33 C17, R3 C44
07-045	1036659	SG-C	3005	Installed rolled tube plugs in tube location R2 C91
07-046	1011212	MS-V1-3C	3020	Replaced stud and nut damaged during maintenance
07-047	817551	SW-376	4060	Replaced valve with refurbished spare
07-048	558872	S/G A	3005	Replacing S/G A Primary Manway bolting with spare rotating set
07-049	558876	S/G B	3005	Replacing S/G B Primary Manway bolting with spare rotating set
07-050	558867	S/G C	3005	Replacing S/G C Primary Manway bolting with spare rotating set
07-051	1048823	LCV-115A	2060	Replaced bolts and nuts on LCV-115A
07-052	766697	CVC-375	2060	Exchanged bonnet assemblies between valves CVC-375 and CVC-347
07-053	559033	SNUBBER 28	3050	Replaced snubber

# ATTACHMENT

I

## OWNERS REPAIR / REPLACEMENT ACTIVITIES 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 PROGRESS ENERGY CAROLINAS, INC Date: 2/14/2006  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
EC#:62809 EE:N/A  
WR/WO:783179 CR:176814  
 Repair Organization PO No;Job No;etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
MS-V1-3C	SCHUTTE & KOTE	N/A	N/A	Shaft bearing Plate	1971	Corrected	N

7. Description of Work: Repair of mechanical joint leakage by seal welding
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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



FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 783179 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 2/14/2006  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 11/30/2005 to 2/14/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions \_\_\_\_\_ NC 1507 \_\_\_\_\_  
National Board, State, Province, and Endorsements

Date: 2/14/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 3/15/2006  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address  
EC#: N/A EE: N/A  
WR/WO: 808974 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-277C	Edwards	08AFH	N/A	Valve Disc	2004	Removed	N
CVC-277C	Edwards	D0127	N/A	Valve Disc	2006	Installed	N

7. Description of Work: Replaced valve disc and seal welded body to bonnet interface
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

9. Remarks: See WO 808974 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 3/15/2006

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 2/2/2006 to 3/15/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 3/15/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 3/15/2006  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: 61700 EE: N/A  
WR/WO: 633575 CR: 185694  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-75	Crane	N/A	N/A	Valve	1971	Removed	N
SW-75	Vogt	GD1	N/A	Valve	2005	Installed	N

7. Description of Work: Replaced valve
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 633575 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 3/15/2006

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/20/2005 to 3/15/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 3/15/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/1/2006  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 EC#: 63769 EE: N/A  
Address WR/WO: 834476 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
Address Expiration Date: N/A
4. Identification of System: Class:2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME Sect III Edition: 1965 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SG-C-SM-CVR	Westinghouse	N/A	N/A	Cap Screws	1984	Removed	N
SG-C-SM-CVR	Nova	N/A	N/A	Threaded Rod	2005	Installed	N
SG-C-SM-CVR	Nova	N/A	N/A	Nuts	2005	Installed	N

7. Description of Work: Replaced Secondary Manway bolting for temporary repair
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See completed WO 834476 task 01  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/1/2006

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/5/2006 to 6/1/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 6/1/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 8/22/2006  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/VO: 791943 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SWBP B	Worthington	A208775	N/A	Rotating Assembly	1991	Removed	N
SWBP B	Worthington	756721	N/A	Rotating Assembly	2005	Installed	N

7. Description of Work: Replaced rotating assembly with refurbished spare previously in service
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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



FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 791943 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 8/22/2006  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 12/9/2005 to 8/22/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 8/22/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 8/30/2006  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/WO: 825802 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: N
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-PMP-C	Johnston	N/A	N/A	Packing Box Cap Screws	1971	Removed	N
SW-PMP-C	Mackson	N/A	N/A	Packing Box Cap Screws	1993	Installed	N

7. Description of Work: Replaced packing head cap screws
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 2.

9. Remarks: See WO 825802 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 8/30/2006

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/30/2006 to 8/30/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 8/30/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 8/31/2006  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address Sheet: 1 of 2
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address EC#: N/A EE: N/A  
WR/WO: 764211 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-PMP-A	Worthington	N/A	N/A	Casing Studs	1971	Removed	N
SI-PMP-A	Mackson	N/A	N/A	Casing Studs	2004	Installed	N

7. Description of Work: Replaced casing studs
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 764211 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 8/31/2006

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/16/2006 to 8/31/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 8/31/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 8/31/2006  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#:59019 EE:N/A  
 WR/WO:812250 CR:N/A  
 Repair Organization PO No.;Job No;etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: AWS D.1.1 Edition: 1988 Addenda:N/A Code Case:N/A  
 Design Specification:  
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-C-1000	Maintenance	N/A	N/A	Restraint	2004	Corrected	N
SW-C-1003	Maintenance	N/A	N/A	Restraint	2004	Corrected	N

7. Description of Work: Restored supports to design configuration
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

9. Remarks: See WO 812250 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 8/31/2006

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 2/7/2006 to 8/31/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 8/31/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 10/26/2006  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 892937 CR: 203170  
 Repair Organization PO No./Job No./etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:3 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CH-30	Ebasco	N/A	N/A	Piping & Flange	1971	Removed	N
CH-30	Maintenance	N/A	N/A	Piping & Flange	2006	Installed	N
CH-30	Mackson	N/A	N/A	Flange Bolting	1971	Removed	N
CH-30	Mackson	N/A	N/A	Flange Bolting	2006	Installed	N

7. Description of Work: Replaced pipe piece, fitting and flange bolting
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
- Other ☐ Pressure [NOP] psig Test Temp. [NOT] °F



FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See 892937 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 10/26/2006  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 8/14/2006 to 10/26/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions \_\_\_\_\_ NC 1507 \_\_\_\_\_  
National Board, State, Province, and Endorsements

Date: 10/26/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 10/26/2006  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/WO: 880828 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-PMP-A	Worthington	N/A	N/A	Stud #17	1971	Removed	N
SI-PMP-A	Worthington	N/A	N/A	Stud #17	2006	Installed	N

7. Description of Work: Replaced SI-PMP-A stud #17
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure [N/A] psig Test Temp. [N/A] °F

9. Remarks: See WO 880828 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 10/26/2006  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 7/14/2006 to 10/26/2006 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 10/26/2006

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 2/2/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/VO: 848029 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CHG-PMP-A	Union Pump	274156/58/61	N/A	Fluid Cylinder	1967	Corrected	N

7. Description of Work: Repaired Fluid Cylinder gasket sealing surfaces by machining
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other VT-2 Pressure 2300 psig Test Temp. NOT °F

9. Remarks: See completed WO 848029 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 2/2/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/15/2006 to 2/2/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 2/2/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 2/15/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B. ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 888147 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-PMP-D	Johnston	GC2706	N/A	Pump	1971	Removed	N
SW-PMP-D	Johnston	JZ6436	N/A	Pump	1971	Installed	N

7. Description of Work: Replaced SW Pump D with refurbished spare
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO888147 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 2/15/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 1/8/2007 to 2/15/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 2/15/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/15/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/WO: 1048098 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
134/K	Grinnell	N/A	N/A	Pipe Hanger	1971	Removed	N
134/K	Grinnell	N/A	N/A	Pipe Hanger	2007	Installed	N

7. Description of Work: Replacement of adjustable clevis hanger
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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



FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO1048098 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/15/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/25/2007 to 5/15/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/15/2007

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

As Required by the Provisions of the ASME Code Section XI

- |    |                           |  |   |                      |
|----|---------------------------|--|---|----------------------|
| 1. | Owner                     | <u>PROGRESS ENERGY CAROLINAS, INC</u>                                  | Date:                                   | <u>5/13/2007</u>     |
|    | Name                      |  |   |                      |
|    |                           | <u>411 FAYETTEVILLE ST., RALEIGH, NC 27602</u>                         | Sheet:                                  | <u>1</u> of <u>2</u> |
|    | Address                   |  |   |                      |
| 2. | Plant                     | <u>H.B.ROBINSON</u>  | Unit:                                   | <u>2</u>             |
|    | Name                      |  |   |                      |
|    |                           | <u>3581 WEST Entrance RD; HARTSVILLE, SC 29550</u>                     | EC#:                                    | <u>N/A</u>           |
|    | Address                   |  | WR/VO:                                  | <u>774251</u>        |
|    |                           |  | EE:                                     | <u>N/A</u>           |
|    |                           |  | CR:                                     | <u>N/A</u>           |
|    |                           |  | Repair Organization PO No; Job No; etc. |                      |
| 3. | Work Performed by         | <u>PROGRESS ENERGY CAROLINAS, INC</u>                                  | Type Code Symbol Stamp:                 | <u>N/A</u>           |
|    | Name                      |  | Authorization No.:                      | <u>N/A</u>           |
|    |                           | <u>3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550</u>                     | Expiration Date:                        | <u>N/A</u>           |
|    | Address                   |  |   |                      |
| 4. | Identification of System: | <u>Class:1</u>   | <u>RPV</u>                              | <u>1005</u>          |
| 5. | (a)                       | Applicable Construction Code:  | <u>ASME Sec. III</u>                    | Edition:             |
|    |                           | Design Specification:  | <u>1965</u>                             | Addenda:             |
|    |                           |  | <u>N/A</u>                              | 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-307-3</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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RPV Stud	Westinghouse	N/A	N/A	RPV Stud 14	1971	Removed	N
RPV Stud	Nova	N/A	N/A	RPV Stud 14	2001	Installed	N

7. Description of Work: Replaced RPV Stud #14
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [-]

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See 774251 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/12/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/21/2007 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/12/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/13/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 1048100 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:3 AUXILIARY FEEDWATER SYSTEM 3065
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
AFW-40	Anchor Darling	N/A	N/A	Valve disc	1971	Corrected	N

7. Description of Work: Added weld metal to valve disc to limit motion
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure [N/A] psig Test Temp. [N/A] °F

9. Remarks: See WO1048100 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/13/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/30/2007 to 5/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/13/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/13/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address Sheet: 1 of 2
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address EC#: N/A EE: N/A  
WR/WO: 1053101 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-2-343	Ebasco	N/A	N/A	114/A, A-WS	1971	Corrected	N

7. Description of Work: Prep for NDE by grinding and weld buildup of existing welds to specs
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [-]

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

9. Remarks: See WO 1053101 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/13/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/25/2007 to 5/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/13/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/13/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 EC#: N/A EE: N/A  
Address WR/WO: 774462 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
Address Expiration Date: N/A
4. Identification of System: Class:2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: WELC-5379-S18 Edition: 1971 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Snubber-RSV-A	Enertech	N/A	N/A	Hydraulic fluid reservoir	1971	Removed	N
Snubber-RSV-A	Enertech	N/A	N/A	Hydraulic fluid reservoir	2007	Installed	N

7. Description of Work: Replaced snubber hydraulic fluid reservoir
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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



9. Remarks: See WO 774462 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/13/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/16/2007 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/13/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/13/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/WO: 652567 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-6	Allis Chalmers	N/A	N/A	Butterfly Valve	1971	Removed	N
SW-6	Allis Chalmers	N/A	N/A	Butterfly Valve	2007	Installed	N
Studs	Maintenance	N/A	N/A	Studs	1971	Removed	N
Studs	Nova	N/A	N/A	Studs	2007	Installed	N

7. Description of Work: Replaced valve with refurbished spare and two studs
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

9. Remarks: See WO652567 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 5/13/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/21/2006 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/13/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/14/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/VO: 998159 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-293B	Edwards	N/A	N/A	Globe Valve	1971	Removed	N
CVC-293B	Edwards	23AVU	N/A	Globe Valve	2002	Installed	N
Piping	Ebasco	N/A	N/A	2-CH-217	1971	Removed	N
Piping	Dubose	N/A	N/A	2-CH-217	2007	Installed	N
Elbow	Ebasco	N/A	N/A	2-CH-217	1971	Removed	N
Elbow	Energy&Process Corp	N/A	N	2-CH-217	2007	Installed	N

7. Description of Work: Replaced piping and valve due to seat leakage
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 998159 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/14/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 1/16/2007 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/14/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/14/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/RO: 1006363 36 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
2-CW-146	Ebasco	N/A	N/A	SW Piping	2007	Removed	N
2-CW-146	Dubose	N/A	N/A	SW Piping	2007	Installed	N

7. Description of Work: Removal and reinstallation of valve SW-190 and new piping to support reinstallation of Circ Water Pump "C"

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ 56 psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO1006363-36 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 5/14/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/2/2007 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/14/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/14/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 1006363 13 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
2-CW-146	Ebasco	N/A	N/A	SW Piping	1971	Removed	N
2-CW-146	Maintenance	N/A	N/A	SW Piping	2007	Installed	N

7. Description of Work: Removal and reinsallation of valve and piping to support removal of Circ Water Pump
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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



FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO1006363-13 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/14/2007  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/21/2007 to 4/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/14/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/14/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: 61923 EE: N/A  
WR/VO: 820630 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-874A	Edwards	N/A	N/A	Check valve	1971	Removed	N
SI-874A	Edwards	68BDU	N/A	Check valve	2005	Installed	N
2-SI-57	Ebasco	N/A	N/A	Piping	1971	Removed	N
2-SI-57	Maintenance	N/A	N/A	Piping	2007	Installed	N

7. Description of Work: Replacing valve and piping
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 820830 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/14/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 12/15/2006 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/14/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/14/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
 Address  
EC#:61923 EE:N/A  
WR/WO:820628 CR:N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:1 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-874B	Edwards	N/A	N/A	Check valve	1971	Removed	N
SI-874B	Edwards	70BDU	N/A	Check valve	2005	Installed	N
2-SI-56	Ebasco	N/A	N/A	Piping	1971	Removed	N
2-SI-56	Maintenance	N/A	N/A	Piping	2007	Installed	N

7. Description of Work: Replacing valve and piping
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 820828 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 5/14/2007  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 12/15/2006 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 5/14/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/14/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/WO: 862230 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Snubber 24	Grinnell	30076	N/A	CH-4-SN-24	N/A	Removed	N
Snubber 24	Grinnell	35976	N/A	CH-4-SN-24	2007	Installed	N

7. Description of Work: Replaced snubber 24
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

9. Remarks: See WO 862230 turnover package and EST-032  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 5/14/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/18/2007 to 4/18/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/14/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/14/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#:66645 EE:N/A  
WR/VO:1044523 CR:N/A  
Repair Organization PO No;Job No;etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CH-5-252	Ebasco	N/A	N/A	122/F	1971	Corrected	N
3-CH-15	Ebasco	N/A	N/A	Charging piping	1971	Corrected	N

7. Description of Work: Restored and modified support per EC 66645 and removed gouge on adjacent piping.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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



FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO1044523 01 and 08 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 5/14/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/20/2007 to 5/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/14/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 5/25/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550 Address  
EC#: N/A EE: N/A  
WR/VO: 834476 06 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
Address Expiration Date: N/A
4. Identification of System: Class:2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME Sect III Edition: 1980 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SG-C-SM-CVR	Nova	N/A	N/A	Bolting	2005	Removed	N
SG-C-SM-CVR	Nova	N/A	N/A	Manway Bolts	2006	Installed	N
SG-C-SM-CVR	Westinghouse	N/A	N/A	Manway Cover	1984	Corrected	N

7. Description of Work: Restored temporary repair by replacing secondary manway bolting to specs and machining cover
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See completed WO 834476 06 task 01  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 5/30/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/18/2006 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 5/30/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/7/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
 Address  
 EC#:N/A EE:N/A  
 WR/WO:903421 CR:N/A  
 Repair Organization PO No;Job No;etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda:N/A Code Case:N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
LCV-460A	Copes-Vulcan	N/A	N/A	Valve	1971	Removed	N
LCV-460A	SPX	98207	2864	Valve	2007	Installed	Y
LCV-460B	Copes-Vulcan	N/A	N/A	Valve	1971	Removed	N
LCV-460B	SPX	98211	2865	Valve	2007	Installed	Y
CVC-474	Edwards	N/A	N/A	Valve	1971	Removed	N
CVC-474	Edwards	62BHK	N/A	Valve	2007	Installed	N

7. Description of Work: Replacing CVCS valves and letdown line for dose reduction
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ PT/VT-3 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/7/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 903421 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-475	Yarway	N/A	N/A	Valve	1971	Removed	N
CVC-475	Yarway	N/A	N/A	Valve	1995	Installed	N
2-CH-17	Ebasco	N/A	N/A	Piping	1971	Removed	N
2-CH-17	Ebasco	N/A	N/A	Piping	2007	Installed	N

7. Description of Work: Replacing CVCS valves and letdown line for dose reduction
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other [PT/VT-3] Pressure [NOP] psig Test Temp. [NOT] °F

FORM NIS-2 (Back)

Sheet 3 of 3

9. Remarks: See Attached Forms NPV-1 #2864 and #2865  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/7/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 12/20/2006 to 6/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 6/7/2007

Pg. 1 of 2

This form (EO0037) may be obtained from the Order Dept. ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

A/AN 5/10/07

Certificate Holder's Serial No. 0651-131962-1-1

8. Design conditions 2435 psi 650 °F or valve pressure class 1500 (1)9. Cold working pressure 3600 psi at 100°F10. Hydrostatic test 5400 psi. Disk differential test pressure NA psi11. Remarks: 2" Class 1500 Valve  
Cust. PO 00291783 REV 3  
ID 2-1A78RCi

## CERTIFICATION OF DESIGN

Design Specification certified by F.K. DeluseP.E. State PA Reg. no. 17128-E

Design Report certified by \_\_\_\_\_

P.E. State \_\_\_\_\_ Reg. no. \_\_\_\_\_

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section 111, Division 1.

N Certificate of Authorization No. N-3052Expires 10/5/07Date 3-9-07 Name SPX Valves & Controls

(N Certificate Holder)

Signed [Signature]  
(Authorized representative)

## CERTIFICATE OF INSPECTION

1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Penn and employed by OneBeacon America Insurance Companyof Boston, MA have inspected the pump, or valve, described in this Data Report on 3-8-07, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section 111, Division 1.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-9-07 Signed [Signature]

(Authorized Nuclear Inspector)

Commissions NB9563 N 92274

(Noted, incl. endorsements) and state or prov. and no. 1

(1) For manually operated valves only.

SP, ANN 5/10/07



Pg. 1 of 2

[illegible]

This form (EO0037) may be obtained from the Order Dept. ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

29 5/9/07 Hw11

Certificate Holder's Serial No. 0651-131962-1-2

8. Design conditions 2485 (pressure) psi 650 (temperature) °F or valve pressure class 1500 (1)9. Cold working pressure 3600 psi at 100°F10. Hydrostatic test 5400 psi. Disk differential test pressure N/A psi11. Remarks: 2" Class 1500 Valve  
Cust. PO 00291783 REV 3  
ID 2-1A78RG

## CERTIFICATION OF DESIGN

Design Specification certified by F.K. DeluseP.E. State PA Reg. no. 17128-E

Design Report certified by \_\_\_\_\_

P.E. State \_\_\_\_\_ Reg. no. \_\_\_\_\_

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section 111, Division 1.

N Certificate of Authorization No. N-3052Expires 10/5/07Date 3/9/07 Name SPX Valves & Controls(N Certificate Holder)Signed [Signature](Authorized representative)

## CERTIFICATE OF 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 Pennand employed by OneBeacon America Insurance Companyof Boston, MA

have inspected the pump, or valve, described in this Data Report on

3-2-07

and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve,

in accordance with the ASME Code, Section 111, Division 1.

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

Date 3-9-07Signed [Signature](Authorized Nuclear Inspector)Commissions NB8563 N P12074(List 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000)

(1) For manually operated valves only.

APR 5/9/07

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/1/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 EC#: N/A EE: N/A  
 Address WR/WO: 1010401 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name Authorization No.: N/A  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date: N/A  
 Address
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 16.5 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-866B	Velan	N/A	N/A	Valve Disc	1971	Removed	N
SI-866B	Velan	1053	N/A	Valve Disc	2007	Installed	N

7. Description of Work: Replaced valve disc
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/1/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 2/28/2007 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/1/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/1/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address
- EC#: N/A EE: N/A  
 WR/VO: 1048963 CR: 230333  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address
- Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:1 RESIDUAL HEAT REMOVAL SYSTEM 2045
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-3-3135	Ebasco	N/A	N/A	109/C WS	1971	Corrected	N

7. Description of Work: Repaired lugs on support SI-3-3135 by re-welding
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [-]

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 1048963 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/4/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/20/2007 to 6/4/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 6/4/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/1/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: 66976 EE: N/A  
WR/WO: 1057201 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-H4	Grinnell	N/A	N/A	Spring Hanger	1971	Removed	N
RC-H4	Anvil/Grinnell	098B013NB	N/A	Spring Hanger	2007	Installed	N

7. Description of Work: Replaced and modified spring hanger RC-H4
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: New Spring Hanger modified prior to installation per EC 66976  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/4/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/4/2007 to 6/4/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 6/4/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/4/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 774377 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-239A	Edwards	N/A	N/A	Check Valve	1971	Removed	N
CVC-239A	Edwards	11	N/A	Check Valve	2007	Installed	N

7. Description of Work: Repalced valve and piping by welding
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/4/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/11/2007 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/4/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/4/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 EC#: N/A EE: N/A  
Address WR/VO: 774461 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name Authorization No.: N/A  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date: N/A  
Address
4. Identification of System: Class:2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: WELC-5379-S18 Edition: 1971 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SNUBBER-RSV-C	Enertech	N/A	N/A	Hydraulic fluid reservoir	1971	Removed	N
SNUBBER-RSV-C	Enertech	N/A	N/A	Hydraulic fluid reservoir	2007	Installed	N

7. Description of Work: Replaced snubber hydraulic fluid reservoir
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 6/4/2007  
Owner or Owner's Designee, Title**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/30/2007 to 6/4/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/4/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/4/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/WO: 852227 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME Sect III Edition: 1980 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SG-B-SM-CVR	Westinghouse	N/A	N/A	Manway Cover	1984	Corrected	N

7. Description of Work: Machined secondary manway cover sealing surface
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/4/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/14/2007 to 6/4/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/4/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/4/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 893807 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:3 AUXILIARY FEEDWATER SYSTEM 3065
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
AFW-41	Anchor Darling	N/A	N/A	Check Valve	1971	Corrected	N

7. Description of Work: Added weld metal to to valve disc to limit motion
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 6/4/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/19/2007 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/4/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/5/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/WO: 846964 09 CR: N/A  
Repair Organization PO No; Job No; etc:
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: ASME Section III Edition: 1974 Addenda: S74 Code Case: 1553-1, 1649  
Design Specification: HBR2-11058, CPL-HBR2-M-026
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: 416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-312B	Westinghouse	6986/6203	N/A	Check Valve	1971	Removed	N
CVC-312B	Westinghouse	03001CS8800 002000s7400 17	W19788	Check Valve	1979	Installed	Y

7. Description of Work: Replacing valve by welding due to mechanical damage during maintenance and seal welded cap
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ RT/PT Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See attached Form NPV-1 #W19788  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/5/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/1/2007 to 6/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/5/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/7/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/WO: 1052898 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 AUXILIARY FEEDWATER SYSTEM 3050
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
AFW-69	Anchor Darling	N/A	N/A	Check Valve	1971	Removed	N
AFW-69	Flowserve	E358T-1-1	N/A	Check Valve	2002	Installed	N

7. Description of Work: Replaced valve by welding
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/7/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/28/2007 to 5/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/7/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/7/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 861873 12 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:3 HVAC 8150
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
HVH-4	Ebasco	N/A	N/A	Cap Screws	1971	Removed	N
HVH-4	Mackson	N/A	N/A	Cap Screws	1998	Installed	N

7. Description of Work: Bolting Replacement
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure N/A psig Test Temp. N/A °F

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/7/2007  
Owner or Owner's Designee, Title**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/24/2007 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/7/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/7/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: 63939 EE: N/A  
 WR/WO: 892773 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 ELECTRICAL PENETRATION 8010
5. (a) Applicable Construction Code: USAS N6.2 Edition: 1965 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
PEN E5	Ebasco	N/A	N/A	Electrical Pen	1971	Removed	N
PEN E5	IST Conax	N/A	N/A	Electrical Pen Head	2007	Installed	N

7. Description of Work: Installed new electrical penetration in spare location
8. Test Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Exempt ☐

Other [RT/VT/AP] Pressure [42] psig Test Temp. [NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/7/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/1/2007 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/7/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/12/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/WO: 395168 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class: 1 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: 677264
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-875J	Edwards	N/A	N/A	Valve	1971	Removed	N
SI-875J	Flowserve	32BGK	N/A	Valve	2006	Installed	N
Pipe Piece	Ebasco	N/A	N/A	Pipe Piece	1971	Removed	N
Pipe Piece	Consolidated Power	N/A	N/A	Pipe	1993	Installed	N

7. Description of Work: Replaced valve and pipe piece
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

9. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/11/2007  
Owner or Owner's Designee, Title**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 12/15/2006 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/11/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/12/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 EC#: 63481 EE: N/A  
 Address WR/VO: 822316-54 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CH-7-N2	Ebasco	N/A	N/A	Piping Support	1971	Removed	N
CH-7-N2	Maintenance	N/A	N/A	Piping Support	2007	Installed	N

7. Description of Work: Replaced support CH-7-N2 under EC-63481
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

9. Remarks: None

Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 6/12/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/27/2007 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/12/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/12/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: 63481 EE: N/A  
 WR/VO: 822316-16 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CH-17-44	Ebasco	N/A	N/A	Piping Support	1971	Removed	N
CH-17-44	Maintenance	N/A	N/A	Piping Support	2007	Installed	N
CH-17-167	Ebasco	N/A	N/A	Piping Support	1971	Removed	N
CH-17-167	Maintenance	N/A	N/A	Piping Support	2007	Installed	N

7. Description of Work: Replaced supports per EC-63481
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/12/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/10/2007 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/12/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/24/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/WO: 903421 31 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CH-7-38	Ebasco	N/A	N/A	Pipe Support	1971	Corrected	N

7. Description of Work: Repaired support CH-7-38
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 7/24/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/4/2007 to 6/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 7/24/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/12/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
 Address  
 EC#: 62809 EE: N/A  
 WR/VO: 783179 05 CR: 176814  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
MS-V1-3C	Schutte & Kote	N/A	N/A	Bearing Plate and Bolting	1971	Removed	N
MS-V1-3C	Schutte & Kote	N/A	N/A	Bearing Plate and Bolting	2007	Installed	N

7. Description of Work: Restoration of EC 62809 temporary repair by replacing shaft cover and bolting
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/12/2007  
Owner or Owner's Designee, Title**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/30/2007 to 6/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/12/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/12/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 EC#: N/A EE: N/A  
 Address WR/WO: 756198 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name Authorization No.: N/A  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date: N/A  
 Address
4. Identification of System: Class:1 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: ASME Sect. III Edition: 1974 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-876C	Anchor Darling	N/A	N/A	Valve disc	1971	Removed	N
SI-876C	Anchor Darling	N/A	N/A	Valve disc	1993	Installed	N

7. Description of Work: Replaced Valve Disc
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/12/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/20/2007 to 6/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 6/12/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/12/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#:N/A EE:N/A  
 WR/WO:766763 CR:N/A  
 Repair Organization PO No;Job No;etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3050
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
MS-261A	Schutte & Koerting	N/A	N/A	Bushing Housing	1971	Corrected	N

7. Description of Work: Replaced bushing housing by welding
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure ☐ psig Test Temp. ☐ °F

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/12/2007  
Owner or Owner's Designee, Title**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/2/2007 to 6/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/12/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/12/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: 59456 EE: N/A  
 WR/WO: 584276 08 & 17 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 COMPONENT COOLING WATER SYSTEM 4080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
FIC-626	Ebasco	N/A	N/A	Flow Indicator	1971	Removed	N
3-AC-39	Maintenance	N/A	N/A	Spool piece	2006	Installed	N

7. Description of Work: Replacing FI-626 with spool piece
8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ VT-2 Pressure ☐ 3125 psig Test Temp. ☐ 60 °F

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: Completes EC 59456 modification  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/12/2007  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/08/07 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/12/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 6/12/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
 Address  
 EC#: 59403/59456 EE: N/A  
 WR/WO: 670380 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 COMPONENT COOLING WATER SYSTEM 4080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
3-AC-932	Maintenance	N/A	N/A	Piping	2007	Installed	N
CC-932	Flowserve	BC389	N/A	Valve	2006	Installed	N

7. Description of Work: Installed CCW Return Header Bypass Modification
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 6/12/2007  
Owner or Owner's Designee, Title**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/26/2007 to 6/12/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6/12/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/9/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: 61244 EE: N/A  
 WR/VO: 870428 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CH-7-147	Ebasco	N/A	N/A	Restraint	1971	Removed	N
CH-7-147	Maintenance	N/A	N/A	Restraint	2007	Installed	N

7. Description of Work: Modified and relocated support CH-7-147
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/9/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 1/15/2007 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/9/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/10/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: 58579 EE: N/A  
WR/VO: 875123 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416-3

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-839	Edwards	N/A	N/A	Check Valve	1971	Removed	N
2-SI-25	Dubose	N/A	N/A	Piping	2007	Installed	N

7. Description of Work: Removed Valve SI-839 Per EC 58579
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 7/10/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/3/2007 to 5/6/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 7/10/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/9/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 1049302 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-347	ITT	N/A	N/A	Bonnet Assembly	1971	Removed	N
CVC-375	ITT	N/A	N/A	Bonnet Assembly	1971	Installed	N
CVC-375	ITT	N/A	N/A	Bonnet Assembly	1971	Removed	N
CVC-347	ITT	N/A	N/A	Bonnet Assembly	1971	Installed	N/A

7. Description of Work: Exchanged bonnet assemblies between valves CVC-375 and CVC-347
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure ☐ psig Test Temp. ☐ °F

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: Temporary replacement until replacement assembly can be procured. Both assemblies previously in service.  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 7/9/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/21/2007 to 5/5/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 7/9/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/9/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: 62809 EE: N/A  
 WR/VO: 977446 02 CR: 212362  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
MS-V1-3C	Schutte & Koerting	N/A	N/A	Bearing Plate	1971	Corrected	N

7. Description of Work: Temporary repair by seal welding mechanical shaft cover plate
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/9/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 11/14/2006 to 7/9/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 7/9/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/9/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/WO: 977446 03 CR: 212362  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
MS-V1-3C	Schutte & Koerting	N/A	N/A	Bearing Plate and bolting	1971	Removed	N
MS-V1-3C	Schutte & Koerting	N/A	N/A	Bearing Plate and bolting	2007	Installed	N

7. Description of Work: Restoration of EC 62809 temporary repair by replacing east shaft cover and bolting
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

9. Remarks: None

Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER Date 7/9/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/27/2007 to 7/9/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/9/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/9/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address Sheet: 1 of 2
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address EC#: N/A EE: N/A  
WR/WO: 756223 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
MS-V1-3B	Schutte & Koerting	N/A	N/A	Bearing Plates	1971	Corrected	N

7. Description of Work: Machined shaft covers for phonographic finish
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/9/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/29/2007 to 7/9/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 7/9/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/9/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B. ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 1036658 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class: 1 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition: 1980 Addenda: N/A Code Case: N/A  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SG-B	Westinghouse	93733	N/A	Primary Tubes	1983	Corrected	N

7. Description of Work: Installed rolled tube plugs in tube locations R29 C14, R30 C14, R29 C15, R33 C17, R3 C44
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: Activities performed per Contract #3382, Work Authorization 3382-095  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/9/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/2/2007 to 7/9/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 7/9/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/9/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/VO: 1036659 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 1 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition: 1980 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SG-C	Westinghouse	93734	N/A	Primary Tubes	1983	Corrected	N

7. Description of Work: Installed rolled tube plugs in tube location R2 C91
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 2.

9. Remarks: Activities performed per Contract #3382, Work Authorization 3382-095  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 7/9/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/2/2007 to 7/9/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 7/9/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/9/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 1011212 CR: N/A  
 Repair Organization PO No./Job No./etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Stud	Maintenance	N/A	N/A	MS-V1-3C Bonnet Stud	1971	Removed	N
Stud	Mackson	N/A	N/A	MS-V1-3C Bonnet Stud	2007	Installed	N
Nut	Maintenance	N/A	N/A	MS-V1-3C Bonnet Nut	1971	Removed	N
Nut	Maintenance	N/A	N/A	MS-V1-3C Bonnet Nut	2007	Installed	N

7. Description of Work: Replaced stud and nut damaged during maintenance
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO1011212 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 7/9/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/28/2007 to 7/9/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions \_\_\_\_\_ NC 1507 \_\_\_\_\_  
National Board, State, Province, and Endorsements

Date: 7/9/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/10/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#: N/A EE: N/A  
WR/VO: 817551 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification:  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-376	Crane	N/A	N/A	Check valve	1971	Removed	N
SW-376	Crane	N/A	N/A	Check valve	2007	Installed	N

7. Description of Work: Replaced valve with refurbished spare
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/10/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/26/2007 to 7/10/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 7/10/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/10/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/WO: 558872 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class: 1 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition: 1965 Addenda: N/A Code Case: N/A  
 Design Specification: 955479
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
S/G A	Westinghouse	93732	N/A	Manway Bolting	1971	Removed	N
S/G A	Westinghouse	93732	N/A	Manway Bolting	1971	Installed	N

7. Description of Work: Replacing S/G A Primary Manway bolting with spare rotating set
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other [VT-1] Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 558872 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/10/2007  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/3/2007 to 7/10/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NC 1507  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 7/10/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/10/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address Sheet: 1 of 2
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address EC#: N/A EE: N/A  
WR/WO: 558876 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition: 1965 Addenda: N/A Code Case: N/A  
Design Specification: 955479
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
S/G B	Westinghouse	93733	N/A	Primary Manway Bolting	1971	Removed	N
S/G B	Westinghouse	93733	N/A	Manway Bolting	1971	Installed	N

7. Description of Work: Replacing S/G B Primary Manway bolting with spare rotating set
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [-]

Other [VT-1] Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 558876 turnover package  
Applicable Manufacturer's 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 [Signature] \_\_\_\_\_ ISI ENGINEER \_\_\_\_\_ Date 7/10/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/3/2007 to 7/10/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 7/10/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/10/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#:N/A EE:N/A  
 WR/WO:558867 CR:N/A  
 Repair Organization PO No;Job No;etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:1 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition: 1965 Addenda:N/A Code Case:N/A  
 Design Specification: 955479
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
S/G C	Westinghouse	93734	N/A	Primary Manway Bolting	1971	Removed	N
S/G C	Westinghouse	93734	N/A	Manway Bolting	1971	Installed	N

7. Description of Work: Replacing S/G C Primary Manway bolting with spare rotating set
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ VT-1 Pressure ☐ N/A psig Test Temp. ☐ N/A °F

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: See WO 558867 turnover package  
Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/10/2007  
Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/3/2007 to 7/10/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions NC 1507  
National Board, State, Province, and Endorsements

Date: 7/10/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/11/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#:N/A EE:N/A  
 WR/VO:1048823 CR:N/A  
 Repair Organization PO No.;Job No;etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flange Bolts	Maintenance	N/A	N/A	LCV-115A	1971	Removed	N
Flange Bolts	Mackson	N/A	N/A	LCV-115A	2007	Installed	N
Nuts	Maintenance	N/A	N/A	LCV-115A	1971	Removed	N
Nuts	Mackson	N/A	N/A	LCV-115A	2007	Installed	N
Support Fasteners	Maintenance	N/A	N/A	SS-2136	1971	Removed	N
Support Fasteners	Mackson	N/A	N/A	SS-2136	2007	Installed	N

7. Description of Work: Replaced Flange bolts and nuts and fasteners to support SS-2136 on LCV-115A
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure ☐ psig Test Temp. ☐ °F

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/11/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/22/2007 to 7/11/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 7/11/2007

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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/11/2007  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
EC#:N/A EE:N/A  
WR/WO:766697 CR:N/A  
Repair Organization PO No;Job No;etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda:N/A Code Case:N/A  
Design Specification:  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-375	ITT	N/A	N/A	Bonnet Assembly	1971	Removed	N
CVC-347	ITT	N/A	N/A	Bonnet Assembly	1971	Installed	N
CVC-347	ITT	N/A	N/A	Bonnet Assembly	1971	Removed	N
CVC-375	ITT	N/A	N/A	Bonnet Assembly	1971	Installed	N/A

7. Description of Work: Exchanged bonnet assemblies between valves CVC-375 and CVC-347
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

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

FORM NIS-2 (Back)

Sheet 2 of 2

9. Remarks: Bonnets exchanged due to damaged spindle and necessity to keep valve operable until replacement parts obtained

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/11/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/21/2007 to 7/11/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 7/11/2007



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

As Required by the Provisions of the ASME Code Section XI

1. Owner PROGRESS ENERGY CAROLINAS, INC Date: 7/11/2007  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 EC#: N/A EE: N/A  
 WR/VO: 559033 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by PROGRESS ENERGY CAROLINAS, INC Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class:2 MAIN STEAM SYSTEM 3050
5. (a) Applicable Construction Code: B 31.1 Edition: 1971 Addenda: N/A Code Case: N/A  
 Design Specification:
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SNUBBER 28	Grinnell	30084	N/A	Hydraulic Snubber	1983	Removed	N
SNUBBER 28	Grinnell	35977	N/A	Hydraulic Snubber	1983	Installed	N

7. Description of Work: Replaced snubber
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

FORM NIS-2 (Back)

Sheet 2 of 29. Remarks: None

Applicable Manufacturer's 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 [Signature] ISI ENGINEER Date 7/11/2007

Owner or Owner's Designee, Title

**CERTIFICATE 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 HSBCT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/13/2007 to 7/11/2007 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NC 1507  
National Board, State, Province, and EndorsementsDate: 7/11/2007 7/23/07