



AUG 10 2006

Serial: HNP-06-081
10 CFR 50.55a

U.S. Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

Shearon Harris Nuclear Power Plant, Unit No. 1
Docket No. 50-400/License No. NPF-63
90-Day Inservice Inspection (ISI) Summary Report

Ladies and Gentlemen:

In accordance with the Code of Federal Regulations, Title 10, Part 50.55a, Carolina Power and Light Company (CP&L) doing business as Progress Energy Carolinas, Inc., submits the attached Inservice Inspection (ISI) Summary Report for the Harris Nuclear Plant (HNP). This report has been prepared in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, 1989 Edition, Section XI, Article IWA-6220(c). This report includes the inspections performed at HNP during Cycle 13 operations and Refueling Outage No. 13 (RFO-13) of the second 10-year ISI interval.

This document contains no new regulatory commitments.

Please refer any question regarding this submittal to me at (919) 362-3137.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. H. Corlett', with a stylized flourish at the end.

D. H. Corlett
Supervisor – Licensing/Regulatory Programs
Harris Nuclear Plant

DHC/jpy

Attachment

Progress Energy Carolinas, Inc.
Harris Nuclear Plant
P. O. Box 165
New Hill, NC 27562

A047

A large, handwritten checkmark in black ink, located in the bottom right corner of the page.

c:

Mr. R. A. Musser, NRC Senior Resident Inspector

Mr. C. P. Patel, NRC Project Manager

Dr. W. D. Travers, NRC Regional Administrator

Mr. J. M. Givens, Jr., NC Department of Labor, Boiler Safety Bureau

CAROLINA POWER AND LIGHT COMPANY
dba
PROGRESS ENERGY CAROLINAS, Inc.
SHEARON HARRIS NUCLEAR POWER PLANT
Unit One

Inservice Inspection (ISI)
Summary Report
For
RFO-13

Carolina Power and Light
PO Box 1551
Raleigh, NC 27602-1551

Shearon Harris Nuclear Power Plant
5413 Shearon Harris Road
New Hill, NC 27562

Date of Commercial Service
May 2, 1987

Document Completion Date
August 8, 2006

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SECTION 1
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SUMMARY

SUMMARY

The Shearon Harris Nuclear Power Plant, Unit 1, Ten-Year Inservice Inspection (ISI) Plan was developed to comply with 10CFR50.55a(g), which implements, by reference, the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 1989 Edition with no Addenda.

The following summary report is being submitted pursuant to the reporting requirements of ASME Section XI, Subarticle IWA-6220(c).

This summary report contains the results of the Inservice Inspection (ISI) examinations performed on selected Class 1 and 2 pressure retaining components and their supports at Harris Nuclear Plant (HNP) from November 17, 2004 to May 16, 2006. The Refueling Outage No. 13 (RFO-13) examinations were performed during the third period in the second inspection interval. The typical designation is 2-3-13, (second interval, third period, thirteenth refueling outage). RFO-13 is the second outage of the third inspection period and the final outage of the second interval.

The components selected for examination were from the HNP ISI Program Plan and consisted of piping welds, vessel welds, component welds, component supports, and integral attachments.

ASME Section XI examinations were completed as scheduled in the HNP ISI Program Plan. The minimum and maximum percentage requirements for examinations completed meet the requirements of ASME Section XI, Tables IWB-2412-1 and IWC-2412-1.

NDE of Welds Summary

Nondestructive examinations were performed using Eddy Current (ET), Magnetic Particle (MT), Liquid Penetrant (PT), Ultrasonic (UT), and Visual (VT) techniques. Performance Demonstration Initiative (PDI) ultrasonic techniques were utilized where required. The results of the examinations were satisfactory with no rejectable indications noted. Indications identified during examinations were evaluated and documented as applicable on each weld examination data report. Code Case N-460 was invoked where the examination achieved greater than 90% coverage, but less than 100% code coverage. Those welds achieving greater than 90% coverage are considered complete. Weld examinations are summarized in Section 3 of this report.

NDE of Welds Summary (continued)

Automated UT, ET, and VT examinations of the reactor vessel welds were performed in accordance with ASME Section XI, 1995 Edition, 1996 Addenda, Appendix VIII as modified by 10 CFR 50.55a. The results of the examinations performed were satisfactory with no rejectable indications noted. Indications identified during examinations were evaluated and documented as applicable on each weld examination data report. In conjunction with the reactor examination, the reactor vessel nozzle-to-pipe dissimilar metal welds were examined using both UT and ET techniques. The dissimilar metal welds were examined with demonstrated techniques, and the results of the examinations were satisfactory with no indications detected.

During RFO-13, the reactor vessel head penetrations were examined to satisfy the requirements in Section IV.C.(5)(b) of the First Revised NRC Order EA-03-009 dated February 20, 2004 and to provide a baseline for future examinations. The examinations were conducted in accordance with written procedures and techniques that were demonstrated through the Electric Power Research Institute (EPRI) Technical Report (TR) 1007831, *Materials Reliability Program: Demonstrations of Vendor Equipment and Procedures for the Inspection of Control Rod Drive Mechanism Head Penetrations (MRP-89)* dated September 2003, and Westinghouse internal programs. The volume of the sixty-five penetration nozzles were examined using UT and ET techniques, the interference zone was inspected with 0° UT techniques to assess whether flaws were present. In addition, the ID surface was examined with a supplemental ET technique. The reactor vessel head vent line and the associated J-groove weld were examined using ET techniques. No evidence of primary water stress corrosion cracking (PWSCC) was identified by these examinations. The results of these examinations have been submitted with HNP's 60-day report (HNP-06-080) dated July 14, 2006.

Bare metal visual (BMV) examinations of all dissimilar metal piping butt welds were completed as identified in the EPRI TR 1010087, *Materials Reliability Program: Primary System Piping Butt Weld Inspection and Evaluation Guidelines (MRP-139)* dated August 2005. The locations of the BMV examinations included the six Inconel 82/182 piping welds associated with the pressurizer and the six Inconel 82/182 reactor vessel nozzle-to-pipe welds. These examinations revealed no evidence of boric acid leakage.

BMV examinations of the bottom mounted instrumentation (BMI) of the reactor vessel lower head were performed in RFO-13. Similar examinations were performed during previous refueling outages in accordance with NRC Bulletin 2003-02. Again, no relevant conditions indicative of boric acid leakage were found.

NDE of Welds Summary (continued)

Personnel performing the ISI examinations used isometric drawings in conjunction with tagged valves, component supports, points of connection, vessels, wall or floor penetrations, and floor elevations to locate and identify components subject to examination. Permanent component identification reference points were established and marked on the component in accordance with ASME Section XI, Article III-4000 during Preservice Inspection (PSI). The NDE examination reports, personnel certifications, examination equipment, NDE procedures, calibration standards and the ISI isometrics are listed in the RFO-13 Outage Examination Results Report. This report is on file and available at the plant site for review upon request.

Component Support and Snubber Examination Summary

ASME Section XI component support examinations were completed as scheduled in the HNP ISI Program Plan for outage 2-3-13 (RFO-13). ASME Section XI component support exams are complete as scheduled for the current ISI interval. Examination results were satisfactory except for one pipe support. This support was found with an excessive gap between the pipe clamp and the integrally-welded attached pipe lug. The design called for a 1/16" gap, but the as-found gap was approximately 1/8" to 1/4". Engineering evaluated this condition and determined that the support would still perform its required function. This condition was documented in the corrective action program. The condition was not a result of in-service wear, and the gap was corrected by installing a shim plate.

In RFO-13, the Technical Specifications (TS) Augmented Snubber Examination and Testing program included visual examination of 282 snubbers. Four visual examination failures were observed on the Steam Generator (SG) Blowdown system.

Specifically, two snubbers located on the "C" SG normal blowdown path were observed with inadequate settings for their design thermal movement. Engineering evaluated the "as-found" condition and determined that the supports would still perform their required functions because the potential reduction in movement would be limited to approximately 1/32" and would not result in adverse pipe stresses. This condition was corrected by resetting these snubbers to ensure adequate design thermal movement. No other snubbers were found with this condition on the affected pipe. The other two visual examination failures involved two hydraulic SG snubbers, which were observed with low fluid level. The source of the fluid loss was corrected, and the fluid was restored to normal level. In addition to the observations above, two snubbers were found with arc strikes. These snubbers were removed, functionally tested, and found to meet their acceptance criteria. The visual examinations were performed in accordance with the 10-year snubber examination interval described in ASME Operation and Maintenance (OM) Code Case OMN-13, as implemented by applicable plant procedures.

Component Support and Snubber Examination Summary (continued)

RFO-13 snubber testing activities included functional testing of 37 mechanical snubbers and five large bore hydraulic snubbers in the representative sample plans, and hand-stroke testing of 23 mechanical snubbers in the harsh environment test group. Testing results for the mechanical snubbers in the representative 37 sample plan resulted in two functional test failures. All five hydraulic snubber functional test results were satisfactory. All 23 harsh environment snubbers were observed to stroke freely, so the hand-stroke test results were satisfactory.

The following details are provided for the results of the two functional test failures.

One mechanical snubber failed to properly activate due to a manufacturing defect. However, the snubber exhibited a smooth stroke with drag values within the acceptance range. The snubber was inspected and found to have inadequate crimping between a guide rod and pipe attachment end. Upon further investigation, the cause was attributed to a manufacturing defect originating from inadequate crimping of the guide rod. The failed snubber was replaced satisfactorily with a pre-tested snubber. Per the applicable code, ASME OM ISTD 1995 Edition with 1996 Addenda, scope expansion on a manufacturing failure is not required. Although not required by the code, another snubber of similar size and application was added to the 37 sample plan and tested. The functional test results for this additional snubber were satisfactory.

The other function test failure involved a snubber on the main steam (MS) piping exiting the "C" steam generator. The snubber passed the activation functional test, however, it seized during its drag test. The snubber was sent to the manufacturer for investigation. The manufacturer found that the snubber had localized fretting damage along an internal worm gear where the snubber is in its normal hot position. The fretting was evaluated and attributed to low amplitude vibration in a horizontal section of pipe, which may also affect the other two vertical MS pipe systems exiting the other steam generators. In accordance with ASME OM ISTD 1995 Edition with 1996 Addenda, a failure mode group (FMG) was established that encompassed six MS piping snubbers, including the snubber that had a functional test failure. The other five snubbers in the FMG were removed and tested. The additional test results were satisfactory and no additional failures were found. Per ASME OM ISTD 1995 Edition with 1996 Addenda, no scope expansion was required beyond the FMG. The condition was corrected by replacing the failed snubber with a pre-tested snubber.

Component Support Examinations are summarized in Section 4 of this Report.

Steam Generator ISI Summary

Fifty percent (50%) of the open tubing in all three steam generators (SG) was inspected using ET technology (bobbin exam) during RFO 13. Rotating coil examinations were conducted on approximately 20% of the tubing in the outer tube bundle and blowdown line regions in all three SGs on the top of the secondary tubesheet (hot and cold leg sides). Twenty percent (20%) of the Row 1 U-bends were also inspected with rotating coil examinations.

No degraded tubes were identified from the ET data analysis. The examination results for the SGs are classified as C-1 per the Harris Technical Specifications and EPRI NDE Examination Guidelines. Category C-1 has the following criteria: "Less than 5% of the total tubes inspected are degraded tubes and none of the inspected tubes are defective".

System Pressure Tests

ASME Class 1, 2 and 3 Pressure Tests were performed during RFO-13 in accordance with ASME Section XI, Articles IWA-5000, IWB-5000 and IWC-5000.

Code Case N-533 was invoked to allow insulation removal at bolted connections while the system was not at operating pressure. Relief Request 2RG-009 was invoked to allow evaluation of leakage at bolted connections in lieu of removing one bolt. Relief Request 2RG-010 was invoked to schedule and examine piping welds with a Risk-Informed Program.

Where leakage was identified, it was either evaluated in accordance with Relief Request 2RG-009, or measures were taken to correct the condition. The Pressure Test records and supporting documentation are on file and available at the plant site for review upon request.

Containment Inspections

No IWE examinations of the ASME Class MC Components were required or scheduled during RFO-13. However, as a prudent measure, examinations were performed between the moisture barrier and approximately 12" up from the moisture barrier on the liner. No recordable conditions were observed during these examinations. In addition, as follow-up corrective action from the previous outage, the 'A' Containment Spray valve chambers were opened and examined. A VT-1 examination was performed on all bolting and nuts of the valve chamber manway. No recordable conditions were observed during this examination.

No IWL examinations were required or scheduled in RFO-13. However, for information, an ongoing examination of the exterior containment concrete is in progress, and the results of this examination will be reported in a future ISI Summary Report.

Repair and Replacement Summary

The repair and replacement summary and the attached ASME Section XI, NIS-2 forms detail the component, system, work order (WO) number, component description and the description of the work order activity. Complete repair and replacement documentation for the specific component is maintained at the plant site as a permanent record and is retrievable through the work request (WR) or WO document package, which is identified on the NIS-2 form. Section 5 of this report provides the repair and replacement documentation.

SECTION 2
(3 Pages)

NIS-1 FORM
OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

1. Owner Progress Energy Carolinas, Inc. P.O. Box 1551, Raleigh, N.C. 27602
 (Name and Address of Owner)
2. Plant Shearon Harris Nuclear Plant, 5413 Shearon Harris Rd., New Hill, N.C. 27562
 (Name and Address of Plant)
3. Plant Unit One (1) 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 5/2/87 6. National Board Number for Unit 65
7. Systems/Components Inspected (See Systems listed below and Section 3, 4, 5, and 6)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	CB & I	T40	NC212410	4
Auxiliary Feedwater	CP&L	AF	N/A	49
Blowdown	CP&L	BD	N/A	44
Chemical & Volume Control	CP&L	CS	N/A	48
Containment Spray	CP&L	CT	N/A	63
Feedwater	CP&L	FW	N/A	54
Excess Letdown Heat Exchanger	Atlas	NA	NC203942	1999
Main Steam	CP&L	MS	N/A	59
Reactor Coolant	CP&L	RC	N/A	55
Residual Heat Removal	CP&L	RHR	N/A	38
Steam Generator - A	Westinghouse	12243	NC301552	63
Steam Generator - B	Westinghouse	12244	NC301553	64
Steam Generator - C	Westinghouse	12245	NC301554	65
Pressurizer	Westinghouse	1641	NC212409	W11306
Safety Injection	CP&L	SI	N/A	46
Service Water	CP&L	SW	N/A	64
RHR Heat Exchanger - 1A-SA	Joseph Oat Corp.	2168-1B7	NC203028	740

FORM NIS-1

8. Examination Dates 11/17/2004 to 5/16/2006
9. Inspection Period Identification: Third Inspection Period
10. Inspection Interval Identification: Second Inspection Interval
11. Applicable Edition of Section XI: 1989 Edition Addenda: None
12. Date/Revision of Inspection Plan: January 26, 1998/Revision 1
13. Abstract of Examinations and Tests. Include a list of examinations and a statement concerning status of work required for current interval. (See Sections 1, 3 & 4)
14. Abstract of Results of Examinations and Tests. (See Sections 1, 3 & 4)
15. Abstract of Corrective Measures. (See Sections 3 & 4)

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

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

Date 8/7/2006 Signed Progress Energy Carolinas, Inc. By Donald E. Turner

Certificate of Inservice Inspection

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, CT. have inspected the components described in this Owner's Report during the period 11/17/2004 to 5/16/2006, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan as required by the ASME Code, Section XI.

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

Samy Jones
Inspector's Signature

Commissions NC1507
National Board, State, Province, and Endorsements

Date 8/7/06

**SECTION 3
(14 Pages)**

WELD EXAMINATION RESULTS

Completion Code Compliance Summary - 2nd Interval
ISI - Code Edition - 1989

CATEGORY	TOTAL REQUIRED	TOTAL COMPLETE	COMMENTS
B-A	18	18	
B-B	5	5	
B-D	30	30	
B-E	4	4	4 components containing 115 partial penetration welds
B-F	12	12	Risk informed ISI invoked for 3rd Period. 6 welds previously classified as B-F are now R-A
B-G-1	256	256	
B-G-2	706	706	54 components containing 706 individual bolting items
B-H	13	13	
B-J	85	85	Risk informed ISI invoked for 3rd Period.
B-K-1	2	2	
B-L-1	1	1	
B-M-2	7	7	Examination required only when disassembled
B-N-1	3	3	Required each Period
B-N-2	4	4	
B-N-3	1	1	
B-O	3	3	
C-A	9	9	
C-B	11	11	
C-C	32	32	
C-F-1	88	126	Risk informed ISI invoked for 3rd Period.
C-F-2	25	84	Risk informed ISI invoked for 3rd Period.
R-A	29	32	Risk informed ISI invoked for 3rd Period.

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

1. Owner: Carolina Power and Light dba Progress Energy
 2. Plant: Shearon Harris Nuclear Plant
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
 5. Commercial Service Date: May 2, 1987
 6. National Board Number for Unit: 65

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
Class 1	Category B-E							
H-02972	II-PZR-01HTRPEN(1-78)	VHTRPEN /	B4.20	NDEP-0612	VT VT-06-121 Sat	RC-2050	1-ISI-PZR-1	5/11/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-03774	II-RV-001INST NOZ(1-13)	VICINOZ /	B4.13	NDEP-0612	VT VT-06-123 Sat	RC-1005	1-ISI-RV-1	5/11/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
Class 2	Category C-F-2							
H-02693	II-FW-001FW-FW-704	Pipe to Cap	C5.61	NDEP-0301	MT MT-06-019 Sat	FW-3050	1-ISI-FW-1	4/17/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
Class 1	Category A600							
H-03794	II-RV-001RV-BMI	VICINOZ /	A600	NDEP-0612	VT VT-06-020 Sat	RC-1005	1-ISI-RV-1	4/10/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
Class 1	Category B-B							
H-02980	II-PZR-01LSW-07	VLSW /	B2.12	NDEP-0450	UT UT-06-152 Sat	RC-2050	1-ISI-PZR-1	4/20/2006
				NDEP-0450	UT UT-06-151 Sat	RC-2050	1-ISI-PZR-1	4/20/2006
				NDEP-0450	UT UT-06-097 Sat	RC-2050	1-ISI-PZR-1	4/20/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
Class 1	Category B-D							
H-03831	II-SG-001SGA-CLNIR-09-1	VNIR /	B3.140	NDEP-0611	VT VT-06-028 Sat	RC-3005	1-ISI-SG-1	4/22/2006
H-03846	II-SG-001SGA-HLNIR-09-1	VNIR /	B3.140	NDEP-0611	VT VT-06-029 Sat	RC-3005	1-ISI-SG-1	4/22/2006
Class 1	Category B-E							
H-03745	II-RV-001CRD(42-65)	VCRDTVW /	B4.12	NDEP-0612	VT VT-06-122 Sat	RC-1005	1-ISI-RV-1	5/11/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-03804	II-RV-001RVHV-66	VCHVP /	B4.11	NDEP-0612	VT VT-06-124 Sat	RC-1005	1-ISI-RV-1	5/11/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
Class 1	Category B-F							
H-02989	II-PZR-01NSEW-15	VSE /	B5.40	NDEP-0612	VT VT-06-008 Sat	RC-2050	1-ISI-PZR-1	4/18/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-02990	II-PZR-01NSEW-16	VSE /	B5.40	NDEP-0612	VT VT-06-009 Sat	RC-2050	1-ISI-PZR-1	4/18/2006

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

1. Owner: Carolina Power and Light dba Progress Energy
 2. Plant: Shearon Harris Nuclear Plant
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
 5. Commercial Service Date: May 2, 1987
 6. National Board Number for Unit: 65

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-02991	II-PZR-01NSEW-17	VSE /	B5.40	NDEP-0612	VT VT-06-010 Sat	RC-2050	1-ISI-PZR-1	4/15/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-02992	II-PZR-01NSEW-18	VSE /	B5.40	NDEP-0612	VT VT-06-011 Sat	RC-2050	1-ISI-PZR-1	4/15/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-02993	II-PZR-01NSEW-19	VSE /	B5.40	NDEP-0612	VT VT-06-012 Sat	RC-2050	1-ISI-PZR-1	4/15/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-02994	II-PZR-01NSEW-20	VSE /	B5.40	NDEP-0612	VT VT-06-013 Sat	RC-2050	1-ISI-PZR-1	4/15/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-03806	II-RV-001RVNOZAI-N-01SE	Pipe to Nozzle	B5.10	NDEP-0612	VT VT-06-115 Sat	RC-1005	1-ISI-RV-1	5/6/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-03808	II-RV-001RVNOZAO-N-06SE	Nozzle to Pipe	B5.10	NDEP-0612	VT VT-06-116 Sat	RC-1005	1-ISI-RV-1	5/6/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-03810	II-RV-001RVNOZBI-N-03SE	Pipe to Nozzle	B5.10	NDEP-0612	VT VT-06-117 Sat	RC-1005	1-ISI-RV-1	5/6/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-03812	II-RV-001RVNOZBO-N-02SE	Nozzle to Pipe	B5.10	NDEP-0612	VT VT-06-118 Sat	RC-1005	1-ISI-RV-1	5/6/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-03814	II-RV-001RVNOZCI-N-05SE	Pipe to Nozzle	B5.10	NDEP-0612	VT VT-06-119 Sat	RC-1005	1-ISI-RV-1	5/6/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							
H-03816	II-RV-001RVNOZCO-N-04SE	Nozzle to Pipe	B5.10	NDEP-0612	VT VT-06-120 Sat	RC-1005	1-ISI-RV-1	5/6/2006
Comments:	Examination performed to requirements of MRP-139. No indications identified.							

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

1. Owner: Carolina Power and Light dba Progress Energy
 2. Plant: Shearon Harris Nuclear Plant
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
 5. Commercial Service Date: May 2, 1987
 6. National Board Number for Unit: 65

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
H-03180	II-RCP-01RCPA-FBOLT(1-24)	BPHB /	B6.180	NDEP-0439	UT UT-06-126 Sat	RC-2025	1-ISI-RCP-1	4/19/2006
H-03819	II-RV-001RVNUT(39-58)	BNUT /	B6.10	NDEP-0611	VT VT-06-005 Sat	RC-1005	1-ISI-RV-1	4/24/2006
H-03822	II-RV-001RVSTUD(39-58)	BSTUD /	B6.30	NDEP-0439	UT UT-06-127 Sat	RC-1005	1-ISI-RV-1	4/19/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-03825	II-RV-001RVWSH(39-58)	BWASH /	B6.50	NDEP-0611	VT VT-06-006 Sat	RC-1005	1-ISI-RV-1	4/24/2006
Class 1	Category B-G-2							
H-01817	II-CS-103CS-492-F-01 (4)	BFSC /	B7.50	NDEP-0611	VT VT-06-001 Sat	CS-2060	1-ISI-CS-103	4/12/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-03183	II-RCP-01RCPA-SBOLT(1-12)	BPSB /	B7.60	NDEP-0611	VT VT-06-015 Sat	RC-2025	1-ISI-RCP-1	4/19/2006
H-03741	II-RV-001BCONO-C(3)	BCONO /	B7.10	NDEP-0611	VT VT-06-016 Sat	RC-1005	1-ISI-RV-1	4/21/2006
H-03742	II-RV-001BCONO-D(3)	BCONO /	B7.10	NDEP-0611	VT VT-06-017 Sat	RC-1005	1-ISI-RV-1	4/21/2006
H-03875	II-SG-001SGC-CLMN(1-16)	BNUT /	B7.30	NDEP-0611	VT VT-06-034 Sat	RC-3005	1-ISI-SGR-1	4/27/2006
H-03876	II-SG-001SGC-CLMS(1-16)	BBOLT /	B7.30	NDEP-0611	VT VT-06-035 Sat	RC-3005	1-ISI-SGR-1	4/27/2006
H-03890	II-SG-001SGC-HLMN(1-16)	BNUT /	B7.30	NDEP-0611	VT VT-06-036 Sat	RC-3005	1-ISI-SGR-1	4/27/2006
H-03891	II-SG-001SGC-HLMS(1-16)	BBOLT /	B7.30	NDEP-0611	VT VT-06-037 Sat	RC-3005	1-ISI-SG-1	4/27/2006
H-04473	II-SI-021SI-250 VBB(1-18)	BVBB /	B7.70	NDEP-0611	VT VT-06-002 Sat	SI-2085	1-ISI-SI-21	4/17/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified. Examined in place under tension.							
H-04505	II-SI-022SI-252 VBB(1-18)	BVBB /	B7.70	NDEP-0611	VT VT-06-003 Sat	SI-2085	1-ISI-SI-22	4/17/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified. Examined in place under tension.							
H-04538	II-SI-023SI-254 VBB(1-18)	BVBB /	B7.70	NDEP-0611	VT VT-06-004 Sat	SI-2085	1-ISI-SI-23	4/17/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified. Examined in place under tension.							
H-04656	II-SI-026SI-358 VBB(1-16)	BVBB /	B7.70	NDEP-0611	VT VT-06-097 Sat	SI-2085	1-ISI-SI-26	4/27/2006
H-04701	II-SI-027SI-135 VBB(1-16)	BVBB /	B7.70	NDEP-0611	VT VT-06-100 Sat	SI-2085	1-ISI-SI-27	4/27/2006

Class 1 **Category B-L-1**

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

1. **Owner:** Carolina Power and Light dba Progress Energy
2. **Plant:** Shearon Harris Nuclear Plant
3. **Plant Unit:** 1

4. **Owner Certificate of Authorization (If Req.):** N/A
5. **Commercial Service Date:** May 2, 1987
6. **National Board Number for Unit:** 65

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
H-03179	II-RCP-01RCPA-CW-01	TPUMPCW /	B12.10	NDEP-0611	VT VT-06-078 Sat	RC-2025	1-ISI-RCP-1	4/15/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
Class 1	Category B-M-2							
H-04647	II-SI-0261SI-358 INT	AVALINT /	B12.50	NDEP-0613	VT VT-06-098 Sat	SI-2085	1-ISI-SI-26	4/27/2006
H-04696	II-SI-0271SI-135 INT	AVALINT /	B12.50	NDEP-0613	VT VT-06-101 Sat	SI-2080	1-ISI-SI-27	4/27/2006
Class 1	Category B-O							
H-03758	II-RV-001CRDH-54	VCRDHW /	B14.10	NDEP-0201	PT PT-06-022 Sat	RC-1005	1-ISI-RV-1	4/21/2006
H-03759	II-RV-001CRDH-55	VCRDHW /	B14.10	NDEP-0201	PT PT-06-023 Sat	RC-1005	1-ISI-RV-1	4/21/2006
H-03760	II-RV-001CRDH-56	VCRDHW /	B14.10	NDEP-0201	PT PT-06-024 Sat	RC-1005	1-ISI-RV-1	4/21/2006
Class 1	Category F-A							
H-00835	CS-H-3243	PZR SPRAY LINE FROM	F1.10R	NDEP-0613	VT VT-06-075 Sat	CS-2060		4/14/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-04991	RC-H-0004	PZR SURGE LINE FROM	F1.10R	NDEP-0613	VT VT-06-077 Sat	RC-2005		4/14/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-05072	RC-H-0862	LOOP 1 CL OUTLET TO	F1.10V	NDEP-0613	VT VT-06-083 Sat	RC-2005		4/11/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-05329	SI-H-0117	ACCUM A INJ LINE TO RCS	F1.10R	NDEP-0613	VT VT-06-066 Sat	SI-2080		4/11/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-05364	SI-H-0189	SIS RES HX TO RCS HL	F1.10V	NDEP-0613	VT VT-06-086 Sat	SI-2080		4/13/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-05369	SI-H-0231	SIS RES HX TO RCS CL	F1.10V	NDEP-0613	VT VT-06-076 Sat	SI-2080		4/14/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
Class 1	Category R-A							
H-03026-RI	II-RC-022RC-149-3-SW-1	PE,LR / PC,PIPE	R1.10	NDEP-0425	UT UT-06-140 Sat	RC-2005	1-ISI-RC-22	4/17/2006
				NDEP-0425	UT UT-06-098 Sat	RC-2005	1-ISI-RC-22	4/17/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified. Exam limited due to inner radius of elbow for 2" on elbow side.							
H-03033-RI	II-RC-022RC-149-3-SW-8	PC,PIPE / PE,LR	R1.10	NDEP-0425	UT UT-06-141 Sat	RC-2005	1-ISI-RC-22	4/17/2006
				NDEP-0425	UT UT-06-099 Sat	RC-2005	1-ISI-RC-22	4/17/2006

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: May 2, 1987
6. National Board Number for Unit: 65

[illegible]

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

1. Owner: Carolina Power and Light dba Progress Energy
2. Plant: Shearon Harris Nuclear Plant
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: May 2, 1987
6. National Board Number for Unit: 65

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
H-02691	II-FW-001FW-FW-702	Red. to Cap	C5.61	NDEP-0301	MT MT-06-017 Sat	FW-3050	1-ISI-FW-1	4/17/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02692	II-FW-001FW-FW-703	Pipe to Cap	C5.61	NDEP-0301	MT MT-06-018 Sat	FW-3050	1-ISI-FW-1	4/17/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02694	II-FW-001FW-FW-705	Pipe to Cap	C5.61	NDEP-0301	MT MT-06-020 Sat	FW-3050	1-ISI-FW-1	4/17/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02708	II-FW-002AF-13-FW-258	PC,RED / PC,PIPE	C5.51	NDEP-0437	UT UT-06-011 Sat	AF-3065	1-ISI-FW-2	4/19/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02709	II-FW-002AF-16-1-FW-263	PC,PIPE / PC,PIPE	C5.51	NDEP-0437	UT UT-06-012 Sat	AF-3065	1-ISI-FW-2	4/19/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02710	II-FW-002AF-16-2-FW-261	PE,LR / PC,PIPE	C5.51	NDEP-0437	UT UT-06-013 Sat	AF-3065	1-ISI-FW-2	4/29/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02711	II-FW-002AF-16-2-FW-262	PC,PIPE / PE,LR	C5.51	NDEP-0437	UT UT-06-014 Sat	AF-3065	1-ISI-FW-2	4/19/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02741	II-FW-003AF-14-FW-268	PC,VLV / PC,PIPE	C5.51	NDEP-0437	UT UT-06-015 Sat	AF-3065	1-ISI-FW-3	4/19/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02742	II-FW-003AF-17-1-FW-270	PC,PIPE / PE,LR	C5.51	NDEP-0437	UT UT-06-016 Sat	AF-3065	1-ISI-FW-3	4/19/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02743	II-FW-003AF-17-1-FW-271	PE,LR / PC,PIPE	C5.51	NDEP-0437	UT UT-06-017 Sat	AF-3065	1-ISI-FW-3	4/19/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02744	II-FW-003AF-17-1-FW-272	PC,PIPE / PC,PIPE	C5.51	NDEP-0437	UT UT-06-018 Sat	AF-3065	1-ISI-FW-3	4/19/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02794	II-FW-004AF-15-FW-267	PC,RED / PC,PIPE	C5.51	NDEP-0437	UT UT-06-022 Sat	AF-3065	1-ISI-FW-4	4/19/2006

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

1. Owner: Carolina Power and Light dba Progress Energy
2. Plant: Shearon Harris Nuclear Plant
3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: May 2, 1987
6. National Board Number for Unit: 65

[illegible]

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

1. Owner: Carolina Power and Light dba Progress Energy
 2. Plant: Shearon Harris Nuclear Plant
 3. Plant Unit: 1

4. Owner Certificate of Authorization (If Req.): N/A
 5. Commercial Service Date: May 2, 1987
 6. National Board Number for Unit: 65

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results	System	Dwg/ISO	Exam Date
H-02894	II-MS-001MS-SW-C30	PBCC,EX / PC,PIPE	C5.51	NDEP-0437	UT UT-06-060 Sat	MS-3020	1-ISI-MS-1	4/20/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02895	II-MS-001MS-SW-C34	PBCC,EX / PC,PIPE	C5.51	NDEP-0437	UT UT-06-061 Sat	MS-3020	1-ISI-MS-1	4/20/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02896	II-MS-001MS-SW-C36	PC,PIPE / PC,PIPE	C5.51	NDEP-0437	UT UT-06-062 Sat	MS-3020	1-ISI-MS-1	4/20/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02897	II-MS-001MS-SW-C3A	PLSW,P /	C5.52	NDEP-0437	UT UT-06-063 Sat	MS-3020	1-ISI-MS-1	4/20/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02898	II-MS-001MS-SW-C4	PBCC,EX / PC,PIPE	C5.51	NDEP-0437	UT UT-06-064 Sat	MS-3020	1-ISI-MS-1	4/20/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02899	II-MS-001MS-SW-C5	PC,PIPE / PC,CAP	C5.51	NDEP-0437	UT UT-06-065 Sat	MS-3020	1-ISI-MS-1	4/25/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02931	II-MS-002MS-FW-680	PC,PIPE / PE,LR	C5.51	NDEP-0437	UT UT-06-092 Sat	MS-3020	1-ISI-MS-2	4/21/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02932	II-MS-002MS-FW-681	PC,PIPE / PC,VLV	C5.51	NDEP-0437	UT UT-06-093 Sat	MS-3020	1-ISI-MS-2	4/21/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02933	II-MS-002MS-FW-682	PC,VLV / PC,PIPE	C5.51	NDEP-0437	UT UT-06-094 Sat	MS-3020	1-ISI-MS-2	4/29/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02934	II-MS-002MS-FW-683	PC,PIPE / PC,VLV	C5.51	NDEP-0437	UT UT-06-095 Sat	MS-3020	1-ISI-MS-2	4/29/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
H-02941	II-MS-002MS-SW-E3	PE,LR / PC,PIPE	C5.51	NDEP-0437	UT UT-06-096 Sat	MS-3020	1-ISI-MS-2	4/21/2006
Comments:	Examination performed to requirements of the 1989 Edition of ASME Section XI. No indications identified.							
Class 2	Category F-A							
H-00242	AF-H-0470	FROM FP B VALVE 1AF-102	F1.20R	NDEP-0613	VT VT-06-106 Sat	AF-3065		5/2/2006
H-00247	AF-H-0486	FROM FP B VALVE 1AF-81	F1.20R	NDEP-0613	VT VT-06-107 Sat	AF-3065		5/1/2006
H-00272	BD-H-0166	S/G C BLDWN TO ISO	F1.20R	NDEP-0613	VT VT-06-109 Sat	BD-3010		4/26/2006

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: May 2, 1987
6. National Board Number for Unit: 65

[illegible]

Section 3
Inservice Inspection Report
Interval 2, Period 3, IRFO-13

1. **Owner:** Carolina Power and Light dba Progress Energy
2. **Plant:** Shearon Harris Nuclear Plant
3. **Plant Unit:** 1

4. **Owner Certificate of Authorization (If Req.):** N/A
5. **Commercial Service Date:** May 2, 1987
6. **National Board Number for Unit:** 65

Summary No.	Comp. ID	Comp. Desc.	Item	Procedure	Method/Report/Results			System	Dwg/ISO	Exam Date
Class 2	Category R-A									
H-01184-RI	II-AF-008AF-FW-8	PC,PIPE / VSG1A	R1.10	NDEP-0437	UT	UT-06-001	Sat	AF-3065	1-ISI-AF-8	4/26/2006
H-02019-RI	II-CT-007CT-FW-31	PC,PIPE / PC,PB	R1.10	NDEP-0425	UT	UT-06-002	Sat	CT-2070	1-ISI-CT-7	4/12/2006
				NDEP-0425	UT	UT-06-135	Sat	CT-2070	1-ISI-CT-7	4/12/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified.									
H-02430-RI	II-FMR-01FW-FW-7	PE,LR / VNOZ1AI	R1.10	NDEP-0437	UT	UT-06-004	Sat	FW-3050	1-ISI-FW-MS-RC-1	4/26/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified.									
H-04019-RI	II-SI-008SI-FW-449	PC,PIPE / PP,FHS	R1.10	NDEP-0425	UT	UT-06-115	Sat	SI-2085	1-ISI-SI-8	4/10/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified.									
H-04020-RI	II-SI-008SI-FW-450	PC,VLV / PC,PIPE	R1.10	NDEP-0425	UT	UT-06-116	Sat	SI-2085	1-ISI-SI-8	4/10/2006
				NDEP-0425	UT	UT-06-133	Sat	SI-2085	1-ISI-SI-8	4/10/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified. Exam limited due to valve to pipe configuration.									
H-04030-RI	II-SI-008SI-FW-456	PC,PIPE / PP,FHS	R1.10	NDEP-0425	UT	UT-06-117	Sat	SI-2085	1-ISI-SI-8	4/13/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified.									
H-04041-RI	II-SI-008SI-SW-A3	PE,LR / PC,PIPE	R1.10	NDEP-0425	UT	UT-06-119	Sat	SI-2085	1-ISI-SI-8	4/10/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified.									
H-04042-RI	II-SI-008SI-SW-A4	PC,PIPE / PE,LR	R1.10	NDEP-0425	UT	UT-06-120	Sat	SI-2085	1-ISI-SI-8	4/10/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified.									
H-04112-RI	II-SI-008SI-SW-J4	PE,LR / PC,PIPE	R1.10	NDEP-0425	UT	UT-06-122	Sat	SI-2085	1-ISI-SI-8	4/13/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified.									
H-04626-RI	II-SI-025SI-SW-D5	PC,PIPE / PE,LR	R1.10	NDEP-0425	UT	UT-06-137	Sat	SI-2085	1-ISI-SI-25	4/13/2006
				NDEP-0425	UT	UT-06-136	Sat	SI-2085	1-ISI-SI-25	4/13/2006
Comments:	Examination performed to requirements of Request for Relief 2RG-010, the Risk-informed IS. No indications identified.									
H-04627-RI	II-SI-025SI-SW-D6	PE,LR / PC,PIPE	R1.10	NDEP-0425	UT	UT-06-138	Sat	SI-2085	1-ISI-SI-25	4/13/2006
				NDEP-0425	UT	UT-06-123	Sat	SI-2085	1-ISI-SI-25	4/13/2006

4. Owner Certificate of Authorization (If Req.): N/A
5. Commercial Service Date: May 2, 1987
6. National Board Number for Unit: 65

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SECTION 4
(4 Pages)

COMPONENT SUPPORTS

ASME Section XI Class 1 and 2 Component Support Examination Program

Category F-A Item F1.10B	Class 1 Hanger - Box Type Support				
Support ID	Location	Exam Type	Exam Date	Exam Results	Examiner
<i>None scheduled</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>
Category F-A Item F1.10R	Class 1 Hanger - Rigid Strut Support				
Support ID	Location	Exam Type	Exam Date	Exam Results	Examiner
RC-H-245	RCB 307' @ PZR	VT-3	10/21/2004	SAT	GDL
SI-H-317	RCB 246' Az-161 R-41'	VT-3	10/20/2004	SAT	GDL/MDH
SI-H-325	RCB 248' Az-160 R-22'	VT-3	10/20/2004	SAT	GDL/MDH
Category F-A Item F1.10V	Class 1 Hanger - Variable (Spring Can) Support				
Support ID	Location	Exam Type	Exam Date	Exam Results	Examiner
CS-H-2891	RCB 255' Az-240 R-39'	VT-3	10/20/2004	SAT	GDL/MDH
RC-H-199	RCB 307' @ PZR	VT-3	10/20/2004	SAT	GDL
RC-H-226	RCB 309' @ PZR	VT-3	10/20/2004	SAT	GDL
Category F-A Item F1.20A	Class 2 Hanger - Anchor				
Support ID	Location	Exam Type	Exam Date	Exam Results	Examiner
<i>None scheduled</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>

ASME Section XI Class 1 and 2 Component Support Examination Program

Category F-A Item F1.20B Support ID		Class 2 Hanger - Box Type Support				
		Location	Exam Type	Exam Date	Exam Results	Examiner
RH-H-12	(6' ladder)	RAB 246' 4'S/39 5'W/E	VT-3	5/10/2004	SAT	GDL/SAB
SI-H-165		RCB 247' AZ-6 R-47'	VT-3	10/17/2004	SAT	GDL/JDS
RH-H-185		RAB 240' 2'N/36 9'E/E	VT-3	10/24/2004	SAT	RPS
Category F-A Item F1.20R Support ID		Class 2 Hanger - Rigid Strut Support				
		Location	Exam Type	Exam Date	Exam Results	Examiner
CS-H-2603		RAB 255' 6'N/16 1'W/GY	VT-3	5/10/2004	SAT	GDL/SAB
CS-H-2853		RCB 255' AZ-183 R-50'	VT-3	10/20/2004	SAT	GDL/MDH
CS-H-2948		RCB 255' AZ-341 R-48'	VT-3	10/20/2004	SAT	GDL/MDH
Category F-A Item F1.20V Support ID		Class 2 Hanger - Variable (Spring Can) Support				
		Location	Exam Type	Exam Date	Exam Results	Examiner
RH-H-349		RAB 193' 8'N/32 5'W/FZ	VT-3	10/23/2004	SAT	RPS
Category F-A Item F1.40 Support ID		Class 1 and 2 Equipment Supports				
		Location	Exam Type	Exam Date	Exam Results	Examiner
RHR Pump 1B-SB Cooler (1 examination point) - Class 2						
II-RHPC-1B-H-001		RAB 195'N 4'S/34 10'W/FZ	VT-3	10/24/2004	SAT	GDL
RHR Heat Exchanger 1B-SB (8 examination points) - Class 2						
II-RHR-01RHRB-H-001-008		RAB 236' 4'S/36 13'E/E	VT-3	10/24/2004	SAT	RPS

ASME Section XI Class 1 and 2 Component Support Examination Program**Steam Generator 1B-SN (4 examination points on vertical support columns) - Class 1**

II-SG-001SGB-H-001-004	RCB 255' Az-265 R-32'	VT-3	10/25/2004	SAT	SAB
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*Comment: Exam resulting from visual failure in 2-2-11 (RFO11) - loose bolting***Category F-A Item F1.40 Class 1 and 2 Equipment Supports - continued**

Support ID	Location	Exam Type	Exam Date	Exam Results	Examiner
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Steam Generator 1B-SN Upper Lateral Support (2 examination points including ULS bolting) - Class 1

II-SG-001SGB-H-007-008	RCB 302' Az-265 R-32'	VT-3	10/28/2004	SAT	NLC/JVW
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*Comment: Exam resulting from visual failure in 2-2-11 (RFO11) - loose bolting***Steam Generator 1C-SN Upper Lateral Support (2 examination points including ULS bolting) - Class 1**

II-SG-001SGC-H-007-008	RCB 302' AZ-140 R-32'	VT-3	10/28/2004	SAT	NLC/JVW
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*Comment: Exam resulting from visual failure in 2-2-11 (RFO11) - loose bolting***Reactor Vessel 1X-SN Nozzle Supports (6 examination points) - Class 1**

II-RPV-01H-001-006	RCB 255' Center	VT-3	10/30/2004	SAT	M. DUGAN
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*Comment: Exam included in RFO12 scope to coincide with ISI visual exams of nozzle welds***Comments:****PSI performed on CE-H-11 IAW WO 397803-02 - KMK 10/24/04 - SAT****PSI performed on SW-H-2539 IAW WO 89126-06 - RPS 10/28/04 - SAT**

SECTION 5
(48 Pages)

NIS-2 FORMS
REPORT OF REPAIRS AND REPLACEMENTS

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

1. Owner CP&L dba Progress Energy Date 06/09/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 654038-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System Service Water
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, N-416-2 Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Expansion Joint	Unknown	Unknown	Unknown	1SW-E051	unknown	Repaired	Yes
Nuts	Unknown	N/A	N/A	N/A	Unknown	Replaced	No
Nuts	Nova	N/A	N/A	N/A	2004	Replacement	No
Capscrews	Unknown	N/A	N/A	N/A	Unknown	Replaced	No
Capscrews	Nova	N/A	N/A	N/A	2005	Replacement	No

7. Description of Work: weld repair of expansion joint
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
Other ☐ Pressure _____psi Test Temp. _____°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheet is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Murphy L. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/9/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 1/5/2006 to 6/21/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Randy Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/21/06

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

1. Owner CP&L dba Progress Energy Date 06/13/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 626371-05
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System Charging System
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Nut	Unknown	N/A	N/A	CS-H-1395	Unknown	Replaced	No
Nut	Coloc	N/A	N/A	CS-H-1395	Unknown	Replacement	No

7. Description of Work: Replaced nuts on support

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Murphy K. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/13/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 6/23/06 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 06/13/2006
 Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
 Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 672739-02
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System Sampling System5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, N-416-2 Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1SP-200	Target Rock	2	604	None	1984	Repaired	Yes
1SP-200 disk	Target Rock	Unknown	N/A	None	1984	Replaced	No
1SP-200 disk	Target Rock	1517 or 1531	N/A	9220H	2004	Replacement	No

7. Description of Work: Removed/replaced seal weld and replaced valve disk8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement
ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Musell S. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/13/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/12/2006 to 7/1/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS
National Board, State, Province, and Endorsements

Date

7/1/06

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

1. Owner CP&L dba Progress Energy Date 06/13/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 680701-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System CS - Chemical Volume Control

5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CS-747 disk	Unknown	Unknown	N/A	None	Unknown	Replaced	No
1CS-747 disk	BW/IP International Pump	Unknown	N/A	40276	1997	Replacement	No

7. Description of Work: Replace disk

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐

Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Russell S. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/13/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/20/2006 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

1. Owner CP&L dba Progress Energy Date 06/15/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 663969-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CT - Containment Spray
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CT-65 disk	Rockwell Edwards	Unknown	N/A	None	Unknown	Replaced	No
1CT-65 disk	Edward Vogt Valve Co	AV-82	N/A	None	2001	Replacement	No
1CT-65	Rockwell Edwards	Unknown	N/A	None	Unknown	Repaired	No

7. Description of Work: remove/replace seal weld, replace valve disk
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Russell L. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/15/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 2/14/2005 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rory Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

1. Owner CP&L dba Progress Energy Date 06/15/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 462410-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CT - Containment Spray
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CT-26 Nuts	Unknown	N/A	N/A	None	Unknown	Replaced	No
1CT-26 Nuts	Southern Fasteners	N/A	N/A	None	2001	Replacement	No
1CT-26 Studs	Unknown	N/A	N/A	None	Unknown	Replaced	No
1CT-26 Studs	Nova	N/A	N/A	None	2005	Replacement	No

7. Description of Work: Replace studs and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement
ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Russell S. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/15/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/28/2005 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Sally Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2

5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 458295-01
Address Repair Organization P.O. No. Job No. etc.

5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address

(a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A

[illegible]

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Code Case N-416-2 used

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Turner
Owner or Owner's Designee, Title

ISI Coordinator Date 6/15/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 9/15/2003 to 2/10/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Sandy Jones
Inspector's Signature

Commissions NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 2/22/06

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 07/26/2006
 Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
 Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 445179-01
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System MS - Main Steam
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1MS-44	Crosby	N57374-01-0006	834	None	1980	Replaced	Yes
1MS-44	Crosby	N57374-00-0018	856	None	1980	Replacement	Yes
Stud	Unknown	N/A	N/A	None	Unknown	Replaced	No
Stud	T&T Enterprises	N/A	N/A	ABK	1998	Replacement	No
Nut	Unknown	N/A	N/A	None	Unknown	Replaced	No
Nut	Nova	N/A	N/A	2G3E1	2002	Replacement	No

7. Description of Work: Replace safety valve
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Form NV-1 attached

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Mumell K. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 7/26/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 5/2/2006 to 7/13/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Sally Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 7/26/06

5 to 50.

As Required by the Provisions of the ASME Code Section XI

- | | | | |
|----------------------|--|---|-------------------|
| 1. Owner | <u>CP&L dba Progress Energy</u>
Name | Date | <u>06/27/2006</u> |
| | <u>P.O. Box 1551, Raleigh, N.C. 27602-1551</u>
Address | Sheet | <u>1 of 2</u> |
| 2. Plant | <u>Shearon Harris Nuclear Power Plant</u>
Name | Unit | <u>1</u> |
| | <u>5413 Shearon Harris Rd., New Hill, N.C. 27562-0165</u>
Address | WO# | <u>447876-01</u> |
| | | Repair Organization P.O. No., Job No., etc. | |
| 3. Work Performed By | <u>Progress Energy</u>
Name | Type Code Symbol Stamp | <u>N/A</u> |
| | <u>5413 Shearon Harris Rd., New Hill, N.C. 27562-0165</u>
Address | Authorization No. | <u>N/A</u> |
| | | Expiration Date | <u>N/A</u> |

4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A

6. Identification of Components Repaired or Replaced and Replacement Components

[illegible]

7. Description of Work: Replace safety valve
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks NR-1 attached

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Murrell A. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/27/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 5/2/2006 to 7/1/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's SignatureCommissions NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 7/1/06

CROSBY

CROSBY VALVE & GAGE COMPANY
WRENTHAM, MASS

FORM NV-1 FOR SAFETY AND SAFETY RELIEF VALVES
As required by the Provisions of the ASME Code Rules

Q.C.-44C

DATA REPORT
Safety and Safety Relief Valves

1 Manufactured By Crosby Valve & Gage Co., 43 Kendrick St., Wrentham, MA 02093
Name and Address
Model No. HA-75-FY Order No. N40643 Contract Date 11/28/73 National Board No. 837
Ebasco Services Inc., 2 Rector St.,
Manufactured For Room 840, New York, New York Order No. NY-435038
Name and Address
Carolina Power & Light - Shearon Harris Nuclear Power Plant

2 Location of Plant New Hill, Wake County N. Carolina

3 Valve Identification 2MS-R9SA-1 Serial No. N57374-00-0009 Drawing No. DS-C-57374 Rev. D

Type Relief Orifice Size R Pipe Size -- Inlet 6 Outlet 10
Safety Relief Pilot Power Actuated Inch Inch Inch Inch

4 Set Pressure PSIG 1200 630
Rated Temperature

5 Capacity 904331 lbs/hr sat 3 Overpressure -- Blowdown xxxxx 5% of S.P.

6 1850 Complete Valve N/A

7 ASME Code Construction and Workmanship comply with ASME Code Section III

8 2 Edition 1971 Addenda Date Winter 1972 Code No. --

9 Listing of Pressure Retaining Components

	Serial No. Identification	Material Specification Including Type of Grade
xxxxxx Forgings	<u>N90909-32-0013</u>	<u>ASME SA105</u>
	<u>N90917-33-0015</u>	<u>ASME SA105</u>
xxxxxx and Forgings	<u>N90087-52-0344</u>	<u>ASME SA193 Gr. B6</u>
Bearing Adapter	<u>N90911-32-0011</u>	<u>ASME SA182 Gr. F316</u>
xxxxxx	<u>N91167-31-0001</u>	<u>ASME SA182 Type 316</u>
	<u>N90919-32-0008</u>	<u>ASME SA105</u>
	<u>N90920-32-0011</u>	<u>ASME SA105</u>
	<u>N93235-34-0085</u>	<u>ASME SA193 Gr. B6</u>
	<u>N88895-60-0341</u>	<u>ASME SA193 Gr. B6</u>
<u>K57208-44-0198</u>		

W/O# 1/47876-01
R/R# 06-02-0140

	Serial No. or Identification	Material Specification
c. Spring	K57295-32-0003	
	<u>NX2780-0087</u>	<u>ASTM A689-74</u>
d. Bolting		
e. Other Parts such as Pilot Components		
Bonnet Stud	N90913	ASME SA193 Gr. B7
Bonnet Nut	N90914	ASME SA194 Gr. 2H
Inlet Stud	N90915	ASME SA193 Gr. B7

We certify that the statements made in this report are correct.

Date 4/9/80 Signed Crosby Valve & Gage Co. by [Signature]
Manufacturer

Certificate of Authorization No. 1878 expires September 30, 1980

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Mass.,
Factory Mutual Systems*, Norwood, Mass.
inspected the equipment described in this Data Report on 4/16 1980
state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Section III

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment 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 4/16 19 80
John W. Morris (Inspector) Company No. NB-7795
 National Board, S. O. Province and No.

*Arkwright-Boston Manufacturers Mutual Insurance Company - Mutual
Boiler & Machinery Division.



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

1. Owner CP&L dba Progress Energy Date 06/12/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 224489-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Charging System
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CS-750 disk	Unknown	Unknown	N/A	Unknown	Unknown	Replaced	No
1CS-750 disk	FlowServe	14332-10	N/A	07350	2006	Replacement	No

7. Description of Work: Replaced valve disk
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Form N-2 attached

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
 repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Murphy E. Turner
 Owner or Owner's Designee, Title

ISI Coordinator

Date 6/12/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/20/2006 to 6/21/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
 Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/12/06

w/o 224489-01
R/R# 06-02-0141

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code , Section III
Not to Exceed One Day's Production

Pg. 1 of 2

1. Manufactured and certified by Flowserve Corporation/ 1900 South Saunders Street, Raleigh NC 27603
(Name and Address of NPT Certificate Holder)
2. Manufactured for Progress Energy Carolinas, Inc / PO Box 870 Raleigh, N.C. 27602
(Name and Address of Purchaser)
3. Location of Installation CP&L CENTRAL RECV & DED FAC /5413 Shearon Harris Rd. Zone 17A, New Hill, N.C. 27562
(Name and Address)
4. Type: SH-D-9957BW16-(1) ASME SA479 N/A N/A 2006
Rev. A (drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III, Division 1: 1974 Summer, 1976 1 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 N/A Revision N/A Date N/A
only) (no.)
7. Remarks: Disk for 1 1/2" & 2" 1500# Y PATTERN PACKLESS GLOBE VALVE
S.O. 37169

8. Nom. Thickness (in.) N/A Min. design thickness (in.) PER#4 Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number		National Board No. In Numerical Order		Part or Appurtenance Serial Number		National Board No. In Numerical Order	
(1)	14332-10		N/A	(26)			
(2)				(27)			
(3)				(28)			
(4)				(29)			
(5)				(30)			
(6)				(31)			
(7)				(32)			
(8)				(33)			
(9)				(34)			
(10)				(35)			
(11)				(36)			
(12)				(37)			
(13)				(38)			
(14)				(39)			
(15)				(40)			
(16)				(41)			
(17)				(42)			
(18)				(43)			
(19)				(44)			
(20)				(45)			
(21)				(46)			
(22)				(47)			
(23)				(48)			
(24)				(49)			
(25)				(50)			

Design pressure _____ psi. Temp. _____ °F. Hydro. Test pressure N/A At temp. °F

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

FORM N-2 (Back-Pg. 2 of 2)

Certificate Holder's Serial Nos. 14332-1

CERTIFICATION OF DESIGN

Design specification certified by R.C Rossi P.E. State NC Reg. no. 11504
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 (these) PARTS
Conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N1563 Expires 11/26/2006

Date 2, 2 06 Name Flowserve Corporation Signed [Signature]
(NPT Certificate Holder) (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 North Carolina and employed by HSB CT of Hartford, Connecticut have inspected these items described in this Data Report on 2 12 06, and state that, to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment 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 loss of any kind arising from or connected with this inspection.

Date 2 12 06 Signed [Signature] Commissions NC 1421
(Authorized Inspector) (Natl. Bd. (incl. Endorsements) and state, prov. and no.)

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

1. Owner CP&L dba Progress Energy Date 06/14/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 307816-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System Fire Protection

- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1FP-347 nuts	Unknown	N/A	N/A	N/A	Unknown	Replaced	No
1FP-347 nuts	Dubose National Energy Services	N/A	N/A	N/A	1992	Replacement	No
1FP-347 studs	Unknown	N/A	N/A	N/A	Unknown	Replaced	No
1FP-347 studs	Nova	N/A	N/A	N/A	2000	Replacement	No

7. Description of Work: replace studs and nuts

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement.

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Russell E. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/14/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 9/13/2002 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Randy Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

1. Owner CP&L dba Progress Energy Date 06/14/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 683981-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CS - Chemical Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
CS-H-2609 nuts	Unknown	N/A	N/A	None	Unknown	Replaced	No
CS-H-2609 nuts	Coloc Industries	N/A	N/A	None	Unknown	Replacement	No

7. Description of Work: Replace lock nuts

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Murphy S. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/15/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/24/06 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

1. Owner CP&L dba Progress Energy Date 06/15/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 684258-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
CS-H-2820 nuts	Unknown	N/A	N/A	None	Unknown	Replaced	No
CS-H-2820 nuts	Coloc Industries	N/A	N/A	None	Unknown	Replacement	No

7. Description of Work: Replace lock nuts

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Murphy E. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/15/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/24/2006 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

1. Owner CP&L dba Progress Energy Date 06/15/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 683983-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CS - Chemical Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
CS-H-1426 nuts	Unknown	N/A	N/A	None	Unknown	Replaced	No
CS-H-1426 nuts	Coloc Industries	N/A	N/A	None	Unknown	Replacement	No

7. Description of Work: Replace lock nuts

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Murphy L. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/15/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/24/2006 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

1. Owner CP&L dba Progress Energy Date 06/15/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 844649-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System BD - Steam Generator Blowdown
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
BD-H-0589 nuts	Unknown	N/A	N/A	None	Unknown	Replaced	No
BD-H-0589 nuts	Coloc Industries	N/A	N/A	None	Unknown	Replacement	No

7. Description of Work: Replace lock nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Thurmond Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/15/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 5/2/2006 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

1. Owner CP&L dba Progress Energy Date 06/15/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 684256-02
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CS - Chemical Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
CS-H-3193 nuts	Unknown	N/A	N/A	None	Unknown	Replaced	No
CS-H-3193 nuts	Coloc Industries	N/A	N/A	None	Unknown	Replacement	No

7. Description of Work: Replace lock nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Nisell K. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/15/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/26/2006 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 06/16/2006
 Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
 Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 417764-02
 Address Repair Organization P.O. No., Job No., etc.
 Type Code Symbol Stamp N/A
3. Work Performed By Progress Energy Authorization No. N/A
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Expiration Date N/A
 Address

4. Identification of System CS - Chemical Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CS-CSIPC:007 piping	Unknown	None	64	None	Unknown	Replaced	Yes
1CS-CSIPC:007 piping	Dubose National Energy Services	187461	N/A	455374	1993	Replacement	No

7. Description of Work: Replace piping on oil cooler
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Code Case N-416-2 used

Applicable Manufacturer's Data Reports to be attached:

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement
ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Manuel S. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/16/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 2/12/2004 to 2/16/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Randy Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/22/06

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 06/16/2006
Name
- P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
- 5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 417768-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
- 5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CS - Chemical Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CS-CSIPC:009 piping	Unknown	None	64	None	Unknown	Replaced	Yes
1CS-CSIPC:009 piping	Dubose National Energy Services	187461	N/A	455374	1993	Replacement	No

7. Description of Work: Replace piping on oil cooler

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Code Case N-416-2 used

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Muskel R. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/16/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 2/16/2004 to 2/16/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Randy Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/22/06

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

1. Owner CP&L dba Progress Energy Date 06/30/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 683979-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System SW - Service Water
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1SW-H-178	Progress Energy	N/A	N/A	None	2006	Repaired	No
1SW-H-2034	Progress Energy	N/A	N/A	None	2006	Repaired	No
1SW-H-2035	Progress Energy	N/A	N/A	None	2006	Repaired	No
1SW-H-2038	Progress Energy	N/A	N/A	None	2006	Repaired	No

7. Description of Work: Modify supports in accordance with EC 60449
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Wendell L. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/30/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/25/2006 to 7/1/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS
National Board, State, Province, and Endorsements

Date 7/1/06

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 06/23/2006
 Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
 Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 779141-01
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System CS - Chemical Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CS-752	Unknown	Unknown	Unknown	None	Unknown	Replaced	Yes
1CS-752	Velan	5429	364	None	1981	Replacement	Yes

7. Description of Work: Replace valve
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Manufactures data report attached.Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Murphy L. Turner

ISI Coordinator

Date 6/23/2006

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/17/2006 to 6/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Gary Jones
 Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/23/06

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 06/23/2006
 Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
 Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 686993-05
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System CS - Chemical Volume Control5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Lock nut	Unknown	N/A	N/A	None	Unknown	Replaced	No
Lock nut	Coloc	N/A	N/A	None	2001	Replacement	No

7. Description of Work: Replace lock nuts8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Murphy A. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/23/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 9/27/2005 to 7/1/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS
National Board, State, Province, and Endorsements

Date 7/1/06

S to S

70-23 5-10-11

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 06/23/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 686993-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System CS - Chemical Volume Control5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CS-752 valve disc	Unknown	Unknown	Unknown	N/A	Unknown	Replaced	Yes
1CS-752 valve disc	Unknown	Unknown	Unknown	N/A	Unknown	Replacement	Yes

7. Description of Work: Replace valve disk8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Wendell H. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/23/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 9/27/2005 to 7/1/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 7/1/06

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

1. Owner CP&L dba Progress Energy Date 06/23/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 736719-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CC - Component Cooling Water
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CC-CCWA Inboard seal plate	Pacific Pump	49865	49273-ITGHG	72091-AD	Unknown	Replaced	No
1CC-CCWA Inboard seal plate	Pacific Pump	unavailable	D15535	72091-15-AO	Unknown	Replacement	No
1CC-CCWA Outboard seal plate	Pacific Pump	49872	49273-ITG41	72091-12-AL	Unknown	Replaced	No
1CC-CCWA Outboard seal plate	Pacific Pump	49871	49273-ITG4	72091-9-AI	Unknown	Replacement	No

7. Description of Work: Replace inboard and outboard seals plates
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed Turnell H. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 7/10/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 7/25/2005 to 7/1/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Sam Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 7/10/06

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

1. Owner CP&L dba Progress Energy Date 06/27/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 680761-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CS - Chemical Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
1CS-284	Unknown	Unknown	Unknown	None	Unknown	Repaired	Yes

7. Description of Work: weld repair of seal weld
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Murphy E. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 6/28/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/26/2006 to 7/1/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 7/1/06

WO# 633285-01

R/R# 06-02 -0178

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

1. Owner CP&L dba Progress Energy Date 07/19/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 633285-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System 2060-Chemical and Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve	Copes Vulcan	Model D-166123	None	1CS-7	1980	Replaced	Yes
Valve	Copes Vulcan	Model D-166123	None	1CS-7	1980	Replacement	Yes

7. Description of Work: Replace Valve Trim for Valve Repair

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒

Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

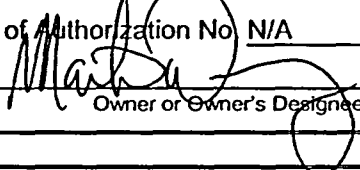
CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed



ISI Coordinator

Date 07/19/2006

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/30/06 to 7/7/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 07/19/2006

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

1. Owner CP&L dba Progress Energy Date 07/19/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address

2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 685088-03
Address Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

3. Work Performed By Progress Energy Authorization No. N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Expiration Date N/A
Address

4. Identification of System 3065 – Auxiliary Feedwater

5 (a) Applicable Construction Code ASME Section III 1974 Edition – Summer '76 Add, None Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Hanger	Coloc Industries	None	None	73286296	1980	Replaced	No
Hanger	Coloc Industries	None	None	73286296	1999	Replacement	No

7. Description of Work: Replaced Coloc Nuts on Hanger

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____psi Test Temp. _____°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature]
Owner or Owner's Designee, Title

ISI Coordinator

Date 07/19/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/30/06 to 7/17/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 07/19/06

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

1. Owner CP&L dba Progress Energy Date 07/22/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 205083-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System 3020 – Main Steam
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve	CCI	None	None	1MS-62	1980	Replaced	Yes
Valve	CCI	138165	None	None	1998	Replacement	No

7. Description of Work: Replaced plug assembly in valve

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Form N-2 attachedApplicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
 repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned [Signature]
 Owner or Owner's Designee, Title

ISI Coordinator

Date 07/24/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 10/30/04 to 7/22/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
 Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 07/24/2006

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

**As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production**

Pg. 1 of 2

1. Manufactured and certified by CCI, 22591 Avenida Empressa, Rancho Santa Margarita, CA 92688
(name and address of Certificate Holder)
2. Manufactured for CAROLINA POWER & LIGHT COMPANY, P.O. BOX 1551, RALEIGH, NC 27602
(name and address of purchaser)
3. Location of installation CAROLINA POWER & LIGHT, CRDF-H03, STATE RD 1134, NEW HILL, NC 27562
(name and address)
4. Type 327100003 SA182-F11 70,000 PSI N/A 1998
(drawing no.) (mat'l spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III, Division 1: 1974 WINTER 1976 2 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (div. 2 only) N/A Revision N/A Date N/A
(no.)
7. Remarks FOR ATMOSPHERIC DUMP VALVES
CCI PROJECT 100221, PRODUCTION ORDER 138165
8. Nom. thickness (in.) 2.685" Min. design thickness 2.669" Dia. ID (ft & in.) 2.63" Length overall (ft & in.) 11.1"
9. When applicable, Certificate Holders' Data Reports are attached for each item of the this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1.) <u>138165</u>	<u>N/A</u>
(2.)	
(3.)	
(4.)	
(5.)	
(6.)	
(7.)	
(8.)	
(9.)	
(10.)	
(11.)	
(12.)	
(13.)	
(14.)	
(15.)	
(16.)	
(17.)	
(18.)	
(19.)	
(20.)	
(21.)	
(22.)	
(23.)	
(24.)	
(25.)	

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(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.)	

10. Design pressure 1185 psi Temp. 600 Deg. F Hydro test pressure N/A at temp. Deg. F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11. (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-2 (Back - Pg. 2 of 2)

Certificate Holder's Serial No. 138165 Through 138165
h

CERTIFICATE OF DESIGN

Design Specification certified by ALGIRDAS CESNAVICIUS P.E. State NC Reg. no. 7549Design Report * certified by N/A P.E. State N/A Reg. no. N/A
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) PLUG
conforms to the rules of construction of the ASME Code, Section III, Division 1.NPT Certificate of Authorization No. N-2696 Expires JUNE 7, 2003Date 27 DEC 00 Name CCI Signed [Signature]
(NPT Certificate Holder) (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 CALIFORNIA and employed by HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected these items described in this Data Report on12-27-2000, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes warranty, expressed or implied, concerning the equipment 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 loss of any kind arising from or connected with this inspection.

Date 12/27/00 Signed [Signature] Commissions LA1494
(Authorized Inspector) (Nat'l Bd. (including endorsement) and state or prov., and no.)

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

1. Owner CP&L dba Progress Energy Date 07/25/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 680707-01
Address Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
3. Work Performed By Progress Energy Authorization No. N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Expiration Date N/A
Address
4. Identification of System 3010 - Steam Generator Blowdown
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Pipe	Southwest Fab	None	None	2BD4-7SN-1	1980	Replaced	Yes
Pipe	U.S. Steel	None	None	Heat # B86365	1999	Replacement	No
Sockolet	Bonney Forge	None	None	Heat # 468	2000	Replacement	No

7. Description of Work: Replace Piping & Sock-o-let
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

WO# 680707-01

R/R#

FORM NIS-2 (Back)

9. Remarks Code Case N-416-2

Applicable Manufacturer's Data Reports to be attached.

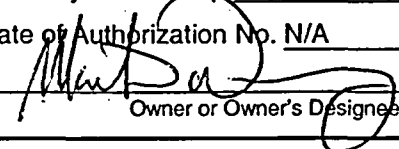
CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed



ISI Coordinator

Date 07/25/2006

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/21/06 to 7/25/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 07/25/2006

As Required by the Provisions of the ASME Code Section XI

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

WO# 684264-02

R/R#

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
 repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A.

Certificate of Authorization No. N/A

Expiration Date N/A

Signed

ISI Coordinator

Date 07/25/2006

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 7/10/06 to 7/10/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 07/25/2006

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

1. Owner CP&L dba Progress Energy Date 07/26/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 684264-01
Address Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
3. Work Performed By Progress Energy Authorization No. N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Expiration Date N/A
Address
4. Identification of System 3020 - Main Steam
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition - Summer '76 Add. Code Case, None
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Hanger	Coloc Industries	None	None	Part# 72614902	1980	Replaced	No
Hanger	Coloc Industries	None	None	72614902	2001	Replacement	No

7. Description of Work: Replaced Coloc Nuts on Hanger
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

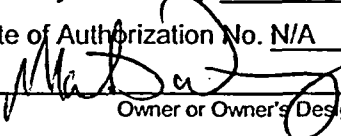
ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed



Owner or Owner's Designee, Title

ISI Coordinator

Date 07/26/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/25/06 to 7/10/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 07/26/2006

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

1. Owner CP&L dba Progress Energy Date 07/27/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 629850-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System 2085 - Low Head Safety Injection
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve	Crosby	N56904-00-0056	None	1RH-7	1980	Replaced	Yes
Valve Plug	Alloy Stainless	Ht Code EVR	None	Part# 72519832	1989	Replacement	No
Stud	Nova	None	None	Ht# 229801	1999	Replacement	No
Stud	Guyon Alloys	None	None	Ht# A19234	1986	Replacement	No
Heavy Hex Nut	Nova	None	None	Ht# G3967	2005	Replacement	No
Heavy Hex Nut	Texas Bolt	None	None	Ht# 852348	1990	Replacement	No

7. Description of Work: Valve plug was replaced along with new studs and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
 repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/A

Signed

ISI Coordinator

Date 07/27/2006

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/26/06 to 7/27/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 07/27/2006

WO# 462413-01

R/R# ~~03-02-0033~~

06-02-0237

N/A
7/17/06

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 05/18/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 462413-01
Address Repair Organization P.O. No., Job No., etc.
 3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System Containment Spray
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Studs	Unknown	None	None	1CT-71 body to bonnet studs	Unknown	Replaced	No
Studs	Dubose Nat'l Energy Services	None	None	1CT-71 body to bonnet studs	1992	Replacement	No
Nuts	Unknown	None	None	1CT-71 body to bonnet nuts	Unknown	Replaced	No
Nuts	Southern Fasteners & Supply Inc	None	None	1CT-71 body to bonnet nuts	2001	Replacement	No

7. Description of Work: replacement of body to bonnet studs and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
 Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheet is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Murphy E. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 5/18/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 1/25/2006 to 5/23/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 6/2/06

1. Owner	<u>CP&L dba Progress Energy</u> Name <u>P.O. Box 1551, Raleigh, N.C. 27602-1551</u> Address	Date <u>07/28/2006</u>
2. Plant	<u>Shearon Harris Nuclear Power Plant</u> Name <u>5413 Shearon Harris Rd., New Hill, N.C. 27562-0165</u> Address	Sheet <u>1 of 2</u> Unit <u>1</u> WO# <u>692515-01</u> Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp <u>N/A</u>
3. Work Performed By	<u>Progress Energy</u> Name <u>5413 Shearon Harris Rd., New Hill, N.C. 27562-0165</u> Address	Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System	<u>2005 - Reactor Coolant</u>	
5. (a) Applicable Construction Code	<u>ASME Section III 1977 Edition, Summer'78 Addenda, None</u> Code Case	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements	<u>1989</u> , Addenda <u>N/A</u>	
6. Identification of Components Repaired or Replaced and Replacement Components		

[illegible]

7. Description of Work: Replaced Snubber with Pre-tested Replacement Snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐

Other ☒ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks Code Case 1644-7; NF-1 attachedApplicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Russell L. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 07/31/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 7/28/06 to 7/28/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ally Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 07/31/2006

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

1. Owner CP&L dba Progress Energy Date 08/03/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 567698-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System MS - Main Steam
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve plug	Control Components	Unknown	None	1MS-60	Unknown	Replaced	No
Valve plug	CCI	600220	None	1MS-60	2005	Replacement	No

7. Description of Work: Replace Valve Plug
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Russell E. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 08/03/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/14/2006 to 8/3/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 8/3/06

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III

Not to Exceed One Day's Production

Pg. 1 of 2

1. Manufactured and certified by C C I, 22591 Avenida Empresa, Rancho Santa Margarita, CA 92688
(name and address of Certificate Holder)

2. Manufactured for CAROLINA POWER & LIGHT COMPANY, P.O. BOX 1551, RALEIGH, NC 27602
(name and address of purchaser)

3. Location of installation CAROLINA POWER & LIGHT, CRDF-H03, STATE RD 1134, NEW HILL, NC 27562
(name and address)

4. Type 327100003 SA182-F11 70,000 PSI N/A 2005
(drawing no.) (mat'l spec. no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III, Division 1: 1974 WINTER 1976 2 N/A ✓
(edition) (addenda date) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (div. 2 only) N/A Revision N/A Date N/A
(no.)

7. Remarks FOR ATMOSPHERIC DUMP VALVES
CCI PROJECT 108135, SFC 600220

8. Nom. thickness 2.685" Min. design thickness 2.669" Dia. ID (ft & in.) 2.63" Length overall (ft & in.) 11.1"
(in.) (in.)

9. When applicable, Certificate Holders' Data Reports are attached for each item of the this report:

Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1.) <u>600220</u>	<u>N/A</u>
(2.)	
(3.)	
(4.)	
(5.)	
(6.)	
(7.)	
(8.)	
(9.)	
(10.)	
(11.)	
(12.)	
(13.)	
(14.)	
(15.)	
(16.)	
(17.)	
(18.)	
(19.)	
(20.)	
(21.)	
(22.)	
(23.)	
(24.)	
(25.)	

Part or Appurtenance Serial Number	National Board No. In Numerical Order
(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.)	

10. Design pressure 1185 psi Temp. 600 Deg. F Hydro test pressure N/A at temp. Deg. F

*Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11. (2) information in items 1 through 4 on this Data Report is included on each sheet. (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

FORM N-2 (Back - Pg. 2 of 2)

Certificate Holder's Serial No. 600220 Through 600220

CERTIFICATE OF DESIGN

Design Specification certified by ALGIRDAS CESNAVICIOS P.E. State NC Reg. no. 7549
Design Report * certified by N/A P.E. State N/A Reg. no. N/A
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) PLUG
conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization
No.

N-2696

Expires AUGUST 14, 2006Date 3/2/05 Name CCI
(NPT 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 CALIFORNIA and employed by HSB/CT of HARTFORD, CONNECTICUT have inspected these items described in this Data Report on MARCH 2, 2005, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with ASME Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes warranty, expressed or implied, concerning the equipment 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 loss of any kind arising from or connected with this inspection.

Date 3/2/05 Signed [Signature] Commissions LA 1494
(Authorized Inspector) (Nat'l Bd. (including endorsement) and state or prov., and no.)

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

1. Owner CP&L dba Progress Energy Date 08/03/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 224491-03
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System CS - Chemical Volume Control
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve	Unknown	Unknown	Unknown	1CS-749	Unknown	Replaced	Yes
Valve	Kerotest	NU-11-24	13926	1CS-749	1977	Replacement	yes

7. Description of Work: Replace valve
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks NPV-1 form attached, Code Case N-416-2 used,

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Murphy E. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 08/03/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/23/2006 to 8/3/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 8/3/06

FORM NP-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
(As Required by the Provisions of the ASME Code, Section III, Div. 1)

1. Manufactured by Kerotest Manufacturing Corp. Pittsburgh, PA (NU-62699)
(Name and Address of Manufacturer)
2. Manufactured for Duke Power Company
(Name and Address of Purchaser or Owner)
3. Location of Installation Catawba Nuclear Power Station, Newport, SC
(Name and Address)
4. Pump or Valve Valve Nominal Inlet Size 2 (inch) Outlet Size 2

	(a) Model No., Series No. or Type	(b) Manufacturers' Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Mat'l. Std. No.	(g) Year Built
(1)	Globe	NU12-8	N/A	CA-D-9909-(1)	1	13,908	1977
(3)	Globe	NU12-9	N/A	CA-D-9909-(1)	1	13,909	1977
(4)	Globe	NU11-1	N/A	CA-D-9909-(1)	1	13,910	1977
(5)	Globe	NU11-3	N/A	CA-D-9909-(1)	1	13,911	1977
(6)	Globe	NU11-4	N/A	CA-D-9909-(1)	1	13,912	1977
(7)	Globe	NU11-6	N/A	CA-D-9909-(1)	1	13,913	1977
(8)	Globe	NU11-7	N/A	CA-D-9909-(1)	1	13,914	1977
(9)	Globe	NU11-9	N/A	CA-D-9909-(1)	1	13,915	1977
(10)	Globe	NU11-10	N/A	CA-D-9909-(1)	1	13,916	1977

5. shut-off valves

(Brief description of service for which equipment was designed)

6. Design Conditions 2485 psi 650 °F or Valve Pressure Class 1513# (1)7. Cold Working Pressure 3631 psi at 100°F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
(b) Forgings			
body P-9909X-1-(1)	SA182, F316	McWilliams Forge	Mat'l Code NU
yoke P-9910-31P-(1)	SA105	Forjas de Asua	Mat'l Code TQ

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

Rev
9-14-84
p47
022-84

[illegible]

CERTIFICATE OF COMPLIANCE

CERTIFICATION OF DESIGN

ASME

SECTION III

CERTIFICATE OF SHOP INSPECTION

Commissions 10.000000
(Nat'l Bd. State. Prov. and No.)

10/20/84

SUPPLEMENT SHEET
FORM NPV-1

1. Manufactured by Kerotest Manufacturing Corp. Pittsburgh, PA (NU-62699)
2. Manufactured for Duke Power Company

Manufacturers' Serial No.	Drawing No.	Class	Nat'l Board No.
(2) NU11-11	CA-D-9909-(1)	1.	13,917
(11) NU11-12	CA-D-9909-(1)	1	13,918
(12) NU11-13	CA-D-9909-(1)	1	13,919
(13) NU11-15	CA-D-9909-(1)	1	13,920
(14) NU11-16	CA-D-9909-(1)	1	13,921
(15) NU11-17	CA-D-9909-(1)	1	13,922
(16) NU11-20	CA-D-9909-(1)	1	13,923
(17) NU11-21	CA-D-9909-(1)	1	13,924
(18) NU11-22	CA-D-9909-(1)	1	13,925
(19) NU11-24	CA-D-9909-(1)	1	13,926
(20) NU11-25	CA-D-9909-(1)	1	13,927
(21)			
(22)			
(23)			
(24)			
(25)			

5. (Service) shut-off valves

ASME
SECTION III

P94
2/12/84
P94
10-22-84

P94
10-22-84

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

1. Owner CP&L dba Progress Energy Date 08/03/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 684262-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System 3010 - Steam Generator Blowdown
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Stud	Nova	None	None	Heat# 224939	1995	Replacement	No
Nut	Coloc Ind.	None	None	Heat Code 2H568	2005	Replacement	No

7. Description of Work: Removed Hanger and replaced studs and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
 repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Wm. L. Turner
 Owner or Owner's Designee, Title

ISI Coordinator

Date 08/03/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/12/06 to 8/3/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Larry Jones
 Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 08/03/2006

WO# 684263-01

R/R# 06-02-0292

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CP&L dba Progress Energy Date 08/03/2006
 Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
 Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 684263-01
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
 Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 3010 - Steam Generator Blowdown
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Hanger	Bergen-Paterson	None	None	1-BD-H-00208	1980	Replaced	No
Stud	Nova	None	None	Heat# 224939	1995	Replacement	No
Nut	Coloc Ind.	None	None	Heat Code 2H568	2005	Replacement	No

7. Description of Work: Removed Hanger and replaced studs and nuts
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the
repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Murphy E. Turner
Owner or Owner's Designee, Title

ISI Coordinator

Date 08/03/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 4/12/06 to 8/3/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Sandy Jones
Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 08/03/2006

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

1. Owner CP&L dba Progress Energy Date 08/04/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 853779-02
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System BD - Steam Generator Blowdown
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	37188	N/A	BD-H-529	1980	Repaired	Yes

7. Description of Work: Snubbers's 'L' dimension was reset. This work required the removal and subsequent rewelding of the telescoping tube fillet weld.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

WO# 853779-02

R/R# 06-02-0293

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the
 repair or replacement
 ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Murphy L. Turner
 Owner or Owner's Designee, Title

ISI Coordinator

Date: 8/4/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 5/8/2006 to 7/14/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Sally Jones
 Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 8/7/06

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

1. Owner CP&L dba Progress Energy Date 08/04/2006
Name
P.O. Box 1551, Raleigh, N.C. 27602-1551 Sheet 1 of 2
Address
2. Plant Shearon Harris Nuclear Power Plant Unit 1
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 WO# 853779-01
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By Progress Energy Type Code Symbol Stamp N/A
Name
5413 Shearon Harris Rd., New Hill, N.C. 27562-0165 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System BD - Steam Generator Blowdown
- 5 (a) Applicable Construction Code ASME Section III 1974 Edition, Winter 1976 Addenda, None Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	PSA	Unknown	N/A	BD-H-196	1980	Repaired	Yes

7. Description of Work: Snubbers's 'L' dimension was reset. This work required the removal and subsequent rewelding of the telescoping tube fillet weld.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

CERTIFICATION OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the
 repair or replacement

ASME Code, Section XI.

Type Code Symbol Stamp N/ACertificate of Authorization No. N/AExpiration Date N/ASigned Russell E. Turner
 Owner or Owner's Designee, Title

ISI Coordinator

Date 8/4/2006

CERTIFICATE OF INSERVICE INSPECTION

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 Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period of 5/8/2006 to 8/7/06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rally Jones
 Inspector's Signature

Commissions

NC 1507, ABIN NS

National Board, State, Province, and Endorsements

Date 8/7/06