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January 10, 2012

Docket Nos.: 50-425



U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Vogtle Electric Generating Plant – Unit 2
2R15 Inservice Inspection Report Summary

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) submits herewith the Vogtle Electric Generating Plant Unit 2, Interval 3, Period 2, Outage 1 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the fall 2011 maintenance / refueling outage. Paragraph IWA-6240 of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 2001 Edition with addenda through 2003 requires submittal of the enclosed report.

The supporting inservice inspection documentation, e.g., examination plans and schedules, examination results and reports, examination methods and procedures, evaluation results, and corrective action and repairs, is available for review upon request at Vogtle Electric Generating Plant.

This letter contains no NRC commitments. If you have any questions, please contact Jack Stringfellow at (205) 992-7037.

Respectfully submitted,

M. J. Ajluni
Nuclear Licensing Director

MJA/RMJ/lac

Enclosures: Vogtle Electric Generating Plant - Unit 2 Inservice Inspection Report
Refueling Outage (2R15), Interval 3, Period 2, Outage 1

U. S. Nuclear Regulatory Commission

NL-12-0067

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cc: Southern Nuclear Operating Company
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**Vogtle Electric Generating Plant – Unit 2
2R15 Inservice Inspection Report Summary**

Enclosure

**Vogtle Electric Generating Plant – Unit 2
Inservice Inspection Report
Refueling Outage (2R15), Interval 3, Period 2, Outage 1**

INSERVICE INSPECTION REPORT

REFUELING 15

INTERVAL 3

PERIOD 2

OUTAGE 1

Vogtle Electric Generating Plant Unit 2

(7821 River Road, P. O. Box 1600, Waynesboro, Georgia 30830)

**Southern Nuclear Operating Company
40 Inverness Parkway
Birmingham, Alabama 35242**

COMMERCIAL OPERATION DATE: May 20, 1989

DOCUMENT COMPLETION DATE: January 2012

VOGTLE ELECTRIC GENERATING (VEGP)
PLANT 2R15 FINAL REPORT TABLE OF CONTENTS

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NRC FOLLOWING EACH REFUELING OUTAGE.

VOLUMES 2 AND 3
CONTAIN THE SUPPORTING DOCUMENTATION FOR THE EXAMINATIONS PERFORMED (RETAINED
ON SITE BY VEGP)

VOLUME 4
CONTAINS DOCUMENTATION OF THE FLOW ACCELERATED CORROSION (FAC) INSPECTIONS
PERFORMED (RETAINED ON SITE BY VEGP)

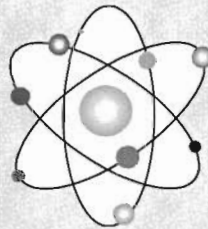
**SOUTHERN NUCLEAR
OPERATING COMPANY**

**ENGINEERING PROGRAMS
DEPARTMENT**

INSERVICE INSPECTIONS

PLANT VOGTLE UNIT 2

REFUELING OUTAGE 15



FALL 2011

**Volume 1
Owner's Report**

TAB A

INTRODUCTION & ABBREVIATIONS

INTRODUCTION

This report documents the examinations and tests performed at Vogtle Electric Generating Plant, Unit 2 (VEGP-2) between April 7, 2010 {end of the fourteenth (14th) maintenance/refueling outage, 2R14} and October 12, 2011 {end of the fifteenth (15th) maintenance/refueling outage, 2R15} to meet the requirements of Article IWA-6000 of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 2001 Edition with 2003 Addenda (Code).

This report also addresses Code-applicable repairs and/or replacements, which were documented since the last maintenance/refueling outage at VEGP-2 through the completion of the fifteenth maintenance/refueling outage on October 12, 2011 done per the 2001 Edition with 2003 Addenda. The Owner's Reports for Repairs and Replacements (Form NIS-2) are included herein.

This report includes a summary of the steam generator tube inspections which are required per VEGP Technical Specification 5.6.10. The detailed information will be provided in a separate report one hundred eighty (180) days after the initial entry into MODE 4 following completion of an inspection performed in accordance with Technical Specification 5.5.9. A summary of these inspections is included behind Tab B in the Abstract.

LIST OF ABBREVIATIONS

ACC	Acceptable
AD	Anchor/Darling
AFW	Auxiliary Feedwater System
AI	GPC Action Item (followed by unique no. denoting Action Item number)
ANII	Authorized Nuclear Inservice Inspector
ASME	American Society of Mechanical Engineers
ASNT	American Society for Nondestructive Testing
ASTM	American Society for Testing and Materials
BC	Branch Connection
CCSS	Centrifugally Cast Stainless Steel
CCW	Component Cooling Water
CE	Combustion Engineering
CH	Closure Head
CR	Condition Report
CS	Containment Spray
CVCS	Chemical and Volume Control System
DS	Downstream
ET	Eddy Current Examination
EVAL	Evaluation
FAC	Flow-Accelerated Corrosion (may also be referred to as "erosion/corrosion")
FB	Flange Bolting
FNF	FAC Notification Report
FW	Feedwater System
FSAR	VEGP Final Safety Analysis Report (includes updates thereto)
GEO	Geometric Indications
GPC	Georgia Power Company
HHSI	High Head Safety Injection
HL	Hanger Lug
HX	Heat Exchanger
HYD	Hydraulic Snubber
IN	NRC Information Notice (may also be shown as "IN" followed by unique no. denoting notice number)
IND	Indication
INF	Indication Notification Form
ISI	Inservice Inspection
IST	Inservice Testing
ITS	VEGP Improved Technical Specification
ID	Inside Diameter
IR	Inside Radius
LB	Large Bore
LD	Longitudinal Seam Weld Extending Downstream
LD-I	Longitudinal Seam Weld Downstream Inside Radius of Elbow
LD-O	Longitudinal Seam Weld Downstream Outside Radius of Elbow
LMT	Lambert, MacGill and Thomas
LU	Longitudinal Seam Weld Extending Upstream
LU-I	Longitudinal Seam Weld Upstream Inside Radius of Elbow
LU-O	Longitudinal Seam Weld Upstream Outside Radius of Elbow
MECH	Mechanical Snubber
MS	Main Steam System
MT	Magnetic Particle Examination
NCI	Nonconformance Item
NDE	Nondestructive Examination

LIST OF ABBREVIATIONS - (continued)

NI	No Indication
NRC	United States Nuclear Regulatory Commission
NRC-B	NRC Bulletin (followed by unique no. denoting Bulletin number)
NRI	No Recordable Indication
NSCW	Nuclear Service Cooling Water System
OR	Outside Radius
PL	Pipe Lug
PM	Paul-Munroe ENERTECH
PR	Pipe Restraint
PROF	Profile
PS	Pipe Support
PSA	Pacific Scientific
PSI	Preservice Inspection
PT	Liquid Penetrant Examination
RCS	Reactor Coolant System
RCP	Reactor Coolant Pump
RHR	Residual Heat Removal System
RI	Recordable Indication
RLW	Refracted Longitudinal Wave
RL	Restraint Lug
RPV	Reactor Pressure Vessel
RR	Relief Request (followed by unique no. denoting relief request number)
RWST	Refueling Water Storage Tank
SAT	Satisfactory Examination Results
SB	Small Bore
SCS	Southern Company Services
SI	Safety Injection System
SNC	Southern Nuclear Operating Company
SUP	Supplemental Data
T&C	Thickness and Contour
TDAFW	Turbine Driven Auxiliary Feedwater (Pump)
UNSAT	Unsatisfactory Examination Results
US	Upstream
UT	Ultrasonic Examination
VEGP	Vogtle Electric Generating Plant (common unless followed by "-1" or "-2" to designate a specific plant unit)
VT	Visual Examination
<u>W</u>	Westinghouse

TAB B

ASME FORM NIS-1 AND ABSTRACT

- **Form NIS-1**
- **Abstract**

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

1. Owner: Southern Nuclear Operating Company (as agent for Georgia Power Company), 40 Inverness Center Parkway, Birmingham, AL 35242
2. Plant: Vogtle Electric Generating Plant, 7821 River Road
P. O. Box 1600, Waynesboro, Georgia 30830
3. Plant Unit: Two
4. Owner Certification of Authorization: N/A
5. Commercial Service Date: 05/20/89
6. National Board Number for Unit: N/A
7. Components Inspected:

Component or Appurtenance	Manufacturer or Installer and Address	Manufacturer or Installer Serial Number	State or Province Number	National Board Number
Reactor Pressure Vessel	Combustion Eng. Inc., Chattanooga, TN	7372	N/A	22004
Reactor Coolant Pump 4	Westinghouse Elec., Cheswick, PA	5-9744D35G01	N/A	37
Steam Generators 1 thru 4	Westinghouse Elec., Pensacola, FL	GBGT 1881, GBGT 1882, GBGT 1883, GBGT 1884,	N/A	33, 34, 35, 36
Pressurizer	Westinghouse Elec., Pensacola, FL	77749	N/A	24
Residual Heat Removal Heat Exchanger, Train "A"	Joseph Oat Corp., Camden, NJ	2322-2C	N/A	1050
Selected Piping, Components, and Supports	Pullman Power Products, Williamsport, PA	System Numbers 1201, 1204, 1205, 1206, 1208, 1301, & 1302	N/A	N/A

FORM NIS-1 (Back)

8. Examination Dates: April 7, 2010 to October 12, 2011
9. Inspection Period Identification: Second Period
10. Inspection Interval Identification: Third Inspection Interval
11. Applicable Edition of Section XI 2001 Addenda 2003
12. Date/Revision of Inspection Plan: December 17, 2010 / Version 4.0
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. (See Abstract and Examination Summary Listings)
14. Abstract of Results of Examinations and Tests. (See Abstract)
15. Abstract of Corrective Measures. (See Abstract)

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

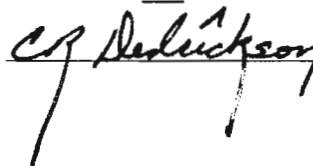
Expiration Date N/A

Date: 10 JAN 2012

Signed:

Southern Nuclear
Operating Company, Inc.
for
Georgia Power Company
Owner

By:



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 of Georgia and employed by The Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, CT have inspected the components described in this Owner's Report during the period April 7, 2010 to October 12, 2011, 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 and as required 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, 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.


Inspector's Signature

Commission: GA 7516
National Board, State, Province, and Endorsements

Date: 10 JANUARY 2012

ABSTRACT – ASME CLASS 1 AND 2

Introduction/Status

The ASME Boiler and Pressure Vessel Code, Section XI, 2001 Edition (Code), with the 2003 Addenda, is the applicable code for conducting inservice inspection activities during the third ten-year inspection interval at VEGP-2. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those third inspection period examinations and tests which were performed between April 7, 2010, (end of the 2R14 maintenance/refueling outage) and October 12, 2011 (end of the 2R15 maintenance/refueling outage).

VEGP has implemented ASME Section XI, Appendix VIII, "Performance Demonstration for Ultrasonic Examination Systems," as required by 10CFR 50.55a, amended by the *Federal Register* Notices 64 FR 51370 dated September 22, 1999, as later modified by 69 FR58804, dated October 1, 2004. The initial Rule specified the 1995 Edition with Addenda through 1996 as the applicable edition of ASME Section XI, Appendix VIII. The 2004 Rule incorporated the 2001 Edition with NRC caveats. VEGP has, except where requests for relief, technical alternatives or exemptions have been approved, complied with the requirements for expedited implementation of the applicable Appendix VIII supplements using the EPRI Performance Demonstration Initiative (PDI).

In addition to the summary of inservice inspection activities, this report addresses Code-applicable repairs and replacements documented at VEGP-2 since 2R14 through the end of 2R15. Class 1 and Class 2 Owner's Reports for Repairs or Replacements (Form NIS-2) are provided herein.

It should be noted that Authorized Nuclear Inservice Inspector (ANII) inspection services were provided for those examinations and tests required by the Code. ASME Section XI examinations and tests are itemized in the applicable sections by reference to Examination Category. Examinations which do not meet the Code-required coverage either reference request(s) for relief or indicate that additional relief is required.

Class 1 Examinations

Selected Class 1 components were examined by Southern Nuclear Operating Company (SNC) personnel utilizing ultrasonic testing (UT), magnetic particle testing (MT) and visual testing (VT) methods, as applicable. Specific components and examination areas are itemized in the applicable portions of this document.

- During the scope of VEGP-2 examinations conducted, no Class 1 components were observed to have "reportable" indications. SNC defines "reportable" as those indications exceeding specified acceptance standard of ASME XI. Since there were no observed Class 1 reportable Indications, there will not be any entries in Tab E for disposition of Class 1 components. It should also be noted that no indications were "identified" which required dispositions to acceptance standards.

Four (4) Class 1 piping and/or equipment welds had limited coverage during examinations because of physical limitations due to the geometric configuration of the welded areas. More than ninety percent (90%) of the required volume must be examined as addressed in ASME Section XI Code Case N-460 for adequate ASME Section XI Code-required examination coverage to be attained. As noted herein, the subject code case has been approved by the NRC for use as documented in NRC Regulatory Guide 1.147. It is impractical to achieve the ASME Section XI Code-required coverage due to the geometric configuration of the welded areas. These limited examinations will be submitted to the NRC through the relief request process as allowed by 10 CFR 50.55a.

Class 1 System Pressure Tests

Table IWB-2500-1, Examination Category B-P of the 2001 Edition with Addenda through 2003 of ASME Section XI requires the performance of a system leakage test (IWB-5221) each refueling outage. This system leakage test (14910-201) was performed prior to plant startup following the refueling outage. These visual examinations revealed minor leakage and boron residue at mechanical connections. These leakage conditions were either corrected or evaluated and determined acceptable for continued system operation.

Class 2 Examinations

Selected Class 2 components were examined by Southern Nuclear Operating Company (SNC) personnel utilizing ultrasonic testing (UT), liquid penetrant (PT), and visual testing (VT) methods, as applicable. Specific components and examination areas are itemized in the applicable portions of this document.

- During the scope of VEGP-2 examinations conducted, no Class 2 components were observed to have "reportable" indications. SNC defines "reportable" as those indications exceeding specified acceptance standard of ASME XI. Since there were no observed Class 2 reportable Indications, there will not be any entries in Tab E for disposition of Class 2 components. It should also be noted that no indications were "identified" which required dispositions to acceptance standards.

Three (3) class 2 piping and/or equipment welds had limited coverage during examinations because of physical limitations due to the geometric configuration of the welded areas. As with the Class 1 examinations, it is impractical to achieve the ASME Section XI Code-required coverage due to the geometric configuration of the welded areas. These limited examinations will be submitted to the NRC through the relief request process as allowed by 10 CFR 50.55a.

Class 2 System Pressure Tests

Table IWC-2500-1, Examination Category C-H of the 2001 Edition with Addenda through 2003 of ASME Section XI requires system leakage tests. The specific system leakage tests performed are itemized in the "System Pressure Tests" portion of this report document.

The visual examinations performed during these system leakage tests found only minor leakage or residue at mechanical joints such as valve stem packing and at flanged connections. These leakage conditions were either corrected or evaluated and determined acceptable for continued system operation.

Steam Generator Tube Inspections

The steam generator inspection program addressed the known degradation mechanisms observed in Vogtle 2 in prior inspections as well as those regarded as potential degradation mechanisms. The program also addressed inspection requirements related to the implementation of the temporary alternate repair criteria (TARC) for H*. The defined scope implemented during 2R15 included the following:

- 100% Bobbin examination of tubes in SGs 1 and 4, full length except for Rows 1 and 2, which are inspected from tube end to tube support plate (TSP) #7 from both hot leg (HL) and cold leg (CL).
- 50% +Point examination of Row 1 and Row 2 U-bends from the top TSP on the HL to the top TSP on the CL in SGs 1 & 4.
- +Point examination of Special Interest, of bobbin possible flaw locations including U-bends in both the HL and CL.
- 50% +Point examination at HL tubes in SGs 1 & 4 from the top of tubesheet (TTS) to the licensed TARC depth for H* (TSH +3/-15.2 inches). This inspection captured the tubesheet BLG/ OXP populations meeting the identification criteria in the sampled tubes in SG1 and SG4, as defined below, and satisfies the required periodic sample that complies with regulatory approval of the TARC.

- BLG = differential mix diameter discontinuity signal within the tubesheet of 18 volts or greater as measured by bobbin coil probe;
- OXP = a tube diameter deviation within the tubesheet of 1.5 mils or greater as measured by bobbin coil profile analysis.
- 50% +Point examination of dents and dings ≥ 2 volts in HL straight lengths and U-bends of SGs 1 & 4. This sample was taken from the total number of dents and dings identified during previous inspections and any additional identified by the bobbin program.
- 100% visual inspection of tube plugs in SG 1 and SG 4.

The Vogtle 2R15 SG inspection plan met or exceeded the requirements of the EPRI Steam Generator Exam Guidelines and was aligned with NMP-ES-004-GL01, Revision 9, "Steam Generator Strategic Plan".

There was no NDE inspection scope expansion required during Vogtle 2R15.

The table below documents the plugged tube and indicates whether a stabilizer was installed during 2R15.

SG	Row	Col	Ind	Outage	Plugging Basis	Stabilizer Installed?
4	53	43	PCT ¹	2R15	40% TW Tech Spec Limit	No

Explanation:

1 – Bobbin Volumetric Sizing

Class 1 and 2 Component Supports

Selected Class 1 and 2 component supports were examined by Southern Nuclear Operating Company (SNC) personnel utilizing the visual testing (VT) method. Specific components and examination areas are itemized in the applicable portions of this document.

- During the scope of VEGP-2 examinations conducted, no component supports were observed to have unsatisfactory results.

Class MC Containment Examinations (IWE)

During the VEGP-2 Fall 2011 maintenance/refueling outage, General Visual, VT-3 and VT-1 examinations were performed on Class MC Pressure retaining components with their integral attachments. These examinations were performed in accordance with ASME Section XI, Subsection IWE of the 2001 Edition through the 2003 Addenda and were performed using VEGP procedure 84303-C "Containment Liner General Visual Examination" and NMP-ES-024-204 "Visual Examination (IWE)". Per procedure NMP-ES-024-204, the pressure retaining bolting and the containment pressure boundary was examined for defects that could violate the leak-tightness or structural integrity containment.

Personnel performing the examinations were qualified in accordance with VEGP procedure NMP-ES-024-100 "Qualification and Certification of Nondestructive Examination and Testing Personnel". Optical aids such as flashlights, mirrors and binoculars were used when performing the examinations that included both direct and remote visual examination methods.

Category E-A, Containment Surfaces

It was discovered during the 1R16 maintenance/refueling outage in the spring of 2011 that Vogtle had not been performing IWE examinations on the portion of the containment pressure boundary located in the reactor cavity, i.e. the area under the reactor vessel. The lack of performing these examinations was documented in Vogtle's corrective action program under condition reports 2011103403, 2011104034 and 2011105287. Due to this discovery a General Examination of the reactor cavity area was to be conducted during 2R15. The General Examination identified areas that required further examination, which were documented under Vogtle CR 357535. After some minor prep work was performed at one location, a Detail Visual was performed which indicated acceptable results, no indications were seen that exceed the acceptance standards of IWE-3500, "Acceptance Standards". The areas found during the General Visual exam, which documented areas with bare metal, locations with duct tape and areas showing surface rust, and results of the Detail Visual exam were evaluated as not affecting the structural integrity or leak tightness of the containment pressure boundary. These examinations are documented under surveillance 84303-201-SNC315690.

Only the containment pressure boundary located in the reactor cavity was examined this refueling outage. The entire containment pressure boundary, including the portion in the reactor cavity will be examined during 2R16, spring of 2013.

Inspection of the moisture barrier was not required to be performed during refueling outage 2R15 and will be performed during 2R16.

The following containment pressure boundary bolted connections were examined during 2R15 while the connections were disassembled for work activities. VT-1 or VT-3 examinations were performed under work orders 2102309601, 2102309701 and SNC135937. Results of examinations are documented under Surveillance 85053-201-SNC138326.

Personnel Air Lock Emergency Air Cover	22101R2014
Escape Air Lock Emergency Air Cover	22101R2015
Dedicated Outage Penetrations	5-M & 55-M

Class CC Containment Examinations (IWL)

Category L-A, Concrete

The Containment concrete surface examination (including grease cans) was performed late in the Fall of 2010 to satisfy the requirements of 10 CFR 50.55a and ASME Section XI, Subsection IWL of the 2001 Edition through the 2003 Addenda. The Containment concrete surface examinations were performed on both Vogtle Unit 1 and Unit 2. The concrete examinations were performed by a qualified vendor per criteria specified by the 2001 Edition through 2003 Addenda of ASME Section XI and under the guidance of a Registered Professional Engineer. Request for Engineering Review C102088501 was initiated to provide and document technical assistance. Optical aids and flashlights were used when performing the examination that included both direct and indirect visual examination methods. This VT-3C concrete surface examination required no VT1-C examinations of areas that had not been previously identified during the last concrete visual examination and zero grease leakage was detected on the Containment concrete surface.

Based on the results of the Containment concrete visual examination the Containment concrete has no evidence of degradation that warrants further evaluation and repair and remains in an acceptable structural condition and satisfies acceptance by examination criteria per IWL-3211.

Category L-A, Concrete

The Containment unbounded post-tensioning system examination was performed late in the Fall of 2010 to satisfy the requirements of 10 CFR 50.55a and ASME Section XI, Subsection IWL of the 2001 Edition through the 2003 Addenda. The Containment unbounded post-tensioning system examinations were performed on both Vogtle Unit 1 and Unit 2. De-tensioning of tendons, which is specified per IWL-2523, is impractical to perform on the Unit 2 post-tensioning system due to its design. Due to the configuration on Unit 2, credit is taken for de-tensioning performed on Unit 1, as allowed by NRC review of VEGP-ISI-RR-01 (ML100900129). The examinations were performed by a qualified vendor per criteria specified by the 2001 Edition through 2003 Addenda of ASME Section XI. All requirements, tendon force and elongation, tendon wire or strand samples, tendon anchorage areas and corrosion protection medium, to satisfy acceptance by examination criteria, per IWL-3221.1, IWL-3221.2, IWL-3221.3 and IWL-3221.4 were met.

Based on the result of the Containment unbounded post-tensioning examination the containment post-tensioning system has experienced no abnormal degradation and remains in an acceptable condition.

Status of Examinations Required for the current Interval

This 2R15 Outage was the 1st Outage, 2nd Period of the 3rd Interval. The results from this outage, combined with the "scheduled" examinations for the next refueling outages (2R16, Spring) will represent 100% of the total Class 1 and 2 scope for the current period and interval. VEGP Unit 2 is within ASME Code compliance, pending NRC approval of the volumetric and/or surface examination limitations. Requests for relief will be submitted within the required time frame specified by 10 CFR 50.55a.

Applicable Code Cases

The applicable Code Cases for the 2R15 Outage are identified in Enclosure 4, Volume 1 of the VEGP Units 1 and 2 Inservice Inspection Plan, Third Inspection Intervals. The Code Cases and limitations of use are derived from Revision 14, 15, and 16 of NRC Regulatory Guide 1.147.

TAB C

INSERVICE INSPECTION EXAMINATION (OWNER'S REPORT) SUMMARY

- **CLASS 1 AND 2 WELD EXAMINATIONS**
- **CLASS 1 AND 2 SUPPORT EXAMINATIONS**

Vogle 2R15 – Examination Summary (Total Piping)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s)	Results	Remarks
R-A R1.11H	21201-031-3-RB 2" ELBOW TO PIPE	NMP-ES-024-501	S11V2U013	NRI	Limited Volumetric exam (97%). CC N-460. Examined per MRP-146 requirements.
R-A(2) R1.20	21201-036-14-RB 12" PIPE TO ELBOW	NMP-ES-024-501	S11V2U045	NRI	
R-A(2) R1.20	21201-036-15-RB 12" ELBOW TO PIPE	NMP-ES-024-501	S11V2U046	NRI	
R-A R1.11H	21201-042-3-RB 2" ELBOW TO PIPE	NMP-ES-024-501	S11V2U015	NRI	Limited Volumetric exam (97%). CC N-460. Examined per MRP-146 requirements.
R-A R1.11H	21201-046-3-RB 2" ELBOW TO PIPE	NMP-ES-024-501	S11V2U014	NRI	Limited Volumetric exam (97%). CC N-460. Examined per MRP-146 requirements.
R-A R1.11H	21201-051-3-RB 2" ELBOW TO PIPE	NMP-ES-024-501	S11V2U016	NRI	Limited Volumetric exam (97%). CC N-460. Examined per MRP-146 requirements.
R-A(2) R1.20	21204-124-2-RB 10" PIPE TO ELBOW	NMP-ES-024-501	S11V2U005	NRI	NA
R-A(2) R1.20	21204-124-3-RB 10" ELBOW TO PIPE	NMP-ES-024-501	S11V2U006	NRI	NA
R-A(2) R1.16	21204-124-14-RB 10" ELBOW TO PIPE	NMP-ES-024-501	S11V2U026	NRI	NA
R-A(2) R1.16	21204-124-15-RB 10" PIPE TO VALVE	NMP-ES-024-501	S11V2U027	NRI	Limited Volumetric exam (50%). Relief Required
R-A(2) R1.20	21204-125-2-RB 10" PIPE TO ELBOW	NMP-ES-024-501	S11V2U007	NRI	NA
R-A(2) R1.20	21204-125-3-RB 10" ELBOW TO PIPE	NMP-ES-024-501	S11V2U008	NRI	NA
R-A(2) R1.20	21204-126-2-RB 10" PIPE TO ELBOW	NMP-ES-024-501	S11V2U009	NRI	NA
R-A(2) R1.20	21204-126-3-RB 10" ELBOW TO PIPE	NMP-ES-024-501	S11V2U010	NRI	NA
R-A(2) R1.20	21204-127-2-RB 10" PIPE TO ELBOW	NMP-ES-024-501	S11V2U011	NRI	NA
R-A(2) R1.20	21204-127-3-RB 10" ELBOW TO PIPE	NMP-ES-024-501	S11V2U012	NRI	NA

Vogle 2R15 – Examination Summary (Total Piping)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s)	Results	Remarks
R-A(2) R1.11/16	21204-243-29-RB 1.5" PIPE TO VALVE	NMP-ES-024-501	S11V2U036	NRI	Examined base material only (SW) per MRP-146.
R-A(2) R1.11	21204-243-30-RB 1.5" VALVE TO PIPE	NMP-ES-024-501	S11V2U037	NRI	Examined base material only (SW) per MRP-146.
R-A(2) R1.11H	21204-243-31-RB 1.5" PIPE TO ELBOW	NMP-ES-024-501	S11V2U038	NRI	Examined weld and base material per MRP-146.
R-A(2) R1.11	21204-244-28-RB 1.5" VALVE TO PIPE	NMP-ES-024-501	S11V2U039	NRI	Examined base material only (SW) per MRP-146.
R-A(2) R1.11H	21204-244-29-RB 1.5" PIPE TO ELBOW	NMP-ES-024-501	S11V2U040	NRI	Examined weld and base material per MRP-146.
R-A(2) R1.11H	21204-245-30-RB 1.5" VALVE TO PIPE	NMP-ES-024-501	S11V2U041	NRI	Examined base material only (SW) per MRP-146.
R-A(2) R1.11	21204-245-31-RB 1.5" PIPE TO ELBOW	NMP-ES-024-501	S11V2U042	NRI	Examined weld and base material per MRP-146.
R-A(2) R1.11	21204-246-32-RB 1.5" VALVE TO PIPE	NMP-ES-024-501	S11V2U043	NRI	Examined base material only (SW) per MRP-146.
R-A(2) R1.11H	21204-246-33-RB 1.5" PIPE TO ELBOW	NMP-ES-024-501	S11V2U044	NRI	Examined weld and base material per MRP-146.
R-A(2) R1.11	21208-009-6-RB 3" PIPE TO BRANCH CONNECTION	NMP-ES-024-501	S11V2U024	NRI	NA

Vogtle 2R15 – Examination Summary (Total Equipment)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s)	Results	Remarks
N-722 B15.120	21201-B6-001-I10-VT CHANNEL HEAD DRAIN TUBE (WCAP 12907)	NMP-ES-024-202	S11V2V006	SAT	NA
N-722 B15.120	21201-B6-002-I10-VT CHANNEL HEAD DRAIN TUBE (WCAP 12907)	NMP-ES-024-202	S11V2V007	SAT	NA
B-D B3.140	21201-B6-003-IR-01 INLET NOZZLE INNER RADIUS	NMP-ES-024-513	S11V2U033	NRI	NA
B-D B3.140	21201-B6-003-IR-02 INLET NOZZLE INNER RADIUS	NMP-ES-024-513	S11V2U034	NRI	NA
N-722 B15.120	21201-B6-003-I10-VT CHANNEL HEAD DRAIN TUBE (WCAP 12907)	NMP-ES-024-202	S11V2V008	SAT	NA
N-722 B15.120	21201-B6-004-I10-VT CHANNEL HEAD DRAIN TUBE (WCAP 12907)	NMP-ES-024-202	S11V2V009	SAT	NA
C-A C1.30	21201-B6-004-W07 LOWER SHELL BARREL TO TUBE PLATE WELD	NMP-ES-024-516	S11V2U035	NRI	Limited Volumetric exam (90.4%). CC N-460.
B-G-1 B6.180	21201-P6-004-B01 – B24 MAIN FLANGE BOLTS	NMP-ES-024-504	S11V2U023	NRI	NA
B-N-1 B13.CH	21201-V6-001-I02 VESSEL CLOSURE HEAD INTERIOR (FSAR 5.3.3.7)	NMP-ES-024-203	S11V2V010	SAT	NA
R-A R1.15D	21201-V6-001-W33-RB OUTLET NOZZLE N1 SAFE END WELD BMV	VENDOR	(1)	SAT	(1) Exams performed by vendor.
R-A R1.15E	21201-V6-001-W34-RB INLET NOZZLE N2 SAFE END WELD BMV	VENDOR	(1)	SAT	(1) Exams performed by vendor.
R-A R1.15E	21201-V6-001-W35-RB INLET NOZZLE N3 SAFE END WELD BMV	VENDOR	(1)	SAT	(1) Exams performed by vendor.
R-A R1.15D	21201-V6-001-W36-RB OUTLET NOZZLE N4 SAFE END WELD BMV	VENDOR	(1)	SAT	(1) Exams performed by vendor.
R-A R1.15D	21201-V6-001-W37-RB OUTLET NOZZLE N5 SAFE END WELD BMV	VENDOR	(1)	SAT	(1) Exams performed by vendor.
R-A R1.15E	21201-V6-001-W38-RB INLET NOZZLE N6 SAFE END WELD BMV	VENDOR	(1)	SAT	(1) Exams performed by vendor.
R-A R1.15E	21201-V6-001-W39-RB INLET NOZZLE N7 SAFE END WELD BMV	VENDOR	(1)	SAT	(1) Exams performed by vendor.

Vogtle 2R15 – Examination Summary (Total Equipment)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s)	Results	Remarks
R-A R1.15D	21201-V6-001-W40-RB OUTLET NOZZLE N8 SAFE END WELD BMV	VENDOR	(1)	SAT	(1) Exams performed by vendor.
N-729 B4.10 VT2	21201-V6-CRDM(VT-2) VESSEL CLOSURE HEAD EXTERIOR	NMP-ES-024-202	S11V2V013	SAT	NA
B-D B3.120	21201-V6-002-IR-02 6" SAFETY NOZZLE INNER RADIUS	NMP-ES-024-513	S11V2U017	NRI	NA
B-D B3.120	21201-V6-002-IR-03 6" RELIEF NOZZLE INNER RADIUS	NMP-ES-024-513	S11V2U018	NRI	NA
B-D B3.120	21201-V6-002-IR-05 4" SPRAY NOZZLE INNER RADIUS	NMP-ES-024-513	S11V2U019	NRI	NA
B-D B3.110	21201-V6-002-W12 UPPER HEAD TO 6" SAFETY NOZZLE WELD	NMP-ES-024-401 NMP-ES-024-516	S11V2M001 S11V2U022	NRI NRI	Limited Volumetric exam (50%). Relief Required. MT Supplemental.
B-D B3.110	21201-V6-002-W13 UPPER HEAD TO 6" SAFETY NOZZLE WELD	NMP-ES-024-401 NMP-ES-024-516	S11V2M002 S11V2U021	NRI NRI	Limited Volumetric exam (50%). Relief Required. MT Supplemental.
B-D B3.110	21201-V6-002-W14 UPPER HEAD TO 4" SPRAY NOZZLE WELD	NMP-ES-024-401 NMP-ES-024-516	S11V2M003 S11V2U020	NRI NRI	Limited Volumetric exam (50%). Relief Required. MT Supplemental.
C-A C1.10	21205-E6-001-W01 TUBE SIDE SHELL TO FLANGE WELD	NMP-ES-024-506	S11V2U003	NRI	Limited Volumetric exam (50%). Relief Required.
C-A C2.10	21205-E6-001-W02 TUBE SIDE SHELL TO FLANGE WELD	NMP-ES-024-506	S11V2U004	NRI	NA
C-B C2.21	21205-E6-001-W04 TUBE SIDE SHELL TO 14" INLET NOZZLE WELD	NMP-ES-024-301 NMP-ES-024-506	S11V2P002 S11V2U001	NRI NRI	Limited Volumetric exam (41%). Relief Required.
C-B C2.21	21205-E6-001-W05 TUBE SIDE SHELL TO 14" INLET NOZZLE WELD	NMP-ES-024-301 NMP-ES-024-506	S11V2P002 S11V2U002	NRI NRI	Limited Volumetric exam (41%). Relief Required.

Vogle 2R15 – Examination Summary (Total Supports)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s).	Results	Remarks
F-A F1.10S	21201-012-H608 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V004	SAT	N/A
F-A F1.10S	21201-049-H020 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V015	SAT	N/A
F-A F1.10S	21201-053-H001 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V014	SAT	N/A
F-A F1.10S	21201-053-H006 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V003	SAT	N/A
F-A F1.10S	21201-021-H006 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V016	SAT	N/A
F-A F1.20S	21204-192-H001 HYDRAULIC SNUBBER	NMP-ES-024-203	S11V2V001	SAT	N/A
F-A F1.20S	21206-002-H002 HYDRAULIC SNUBBER	NMP-ES-024-203	S11V2V002	SAT	N/A
F-A F1.20S	21208-008-H025 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V011	SAT	N/A
F-A F1.20S	21208-011-H043 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V012	SAT	N/A
F-A F1.30S	21301-012-H023 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V018	SAT	N/A
F-A F1.20S	21301-119-H007 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V017	SAT	N/A
F-A F1.20S	21301-119-H010 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V005	SAT	N/A
F-A F1.20S	21302-107-H012 MECHANICAL SNUBBER	NMP-ES-024-203	S11V2V019	SAT	N/A

TAB D

INSERVICE INSPECTION EXAMINATION (OWNER'S REPORT) SUMMARY

- **SYSTEM PRESSURE TESTS**

SYSTEM PRESSURE TESTS

The following system pressure tests on Class 1 and Class 2 components were performed after the last refueling outage (2R14) through the completion of the fifteenth refueling outage (2R15). The system pressure tests indicated include system leakage tests for:

- Class 1 components (IWB-2500-1, Examination Category B-P),
- Class 2 components (IWC-2500-1, Examination category C-H) not required to operate during normal plant operation which are identified as 84003-201 through 84003-217, and,
- Class 2 components (IWC-2500-1, Examination category C-H) required to operate during normal plant operation which are identified as 84003-2AA through 84003-2CR.

Boundaries for the system pressure tests are described in the Pressure Test Plan (Inservice Inspection Plan-Volume 3). Examination results are discussed in the applicable sections of this report document. The examination data for these system pressure tests is available at the plant site for review upon request.

System Pressure Tests

<u>Test Number</u>	<u>Exam Cat/ Item No.</u>	<u>Test Description</u>
14910-201	B-P/B15.10	Class 1 System Leakage Test
84003-201	C-H/C7.10	Reactor Head Vent System Leakage Test
84003-204	C-H/C7.10	Safety Injection Pump 1204-P6-003 Discharge System Leakage Test
84003-205	C-H/C7.10	Safety Injection Pump 1204-P6-004 Discharge System Leakage Test
84003-208	C-H/C7.10	Penetration 30 (Safety Injection to Cold Legs) System Leakage Test
84003-212	C-H/C7.10	Containment Spray Train "A" System Leakage Test
84003-213	C-H/C7.10	Containment Spray Train "B" System Leakage Test
84003-217	C-H/C7.10	Line 1208-133 (HV-8104 to Valve 185 Flow Test) System Leakage Test
84003-2AA	C-H/C7.10	Charging Line Inside Containment System Leakage Test
84003-2AB	C-H/C7.10	Letdown Line Inside Containment System Leakage Test
84003-2AC	C-H/C7.10	Reactor Coolant (RC) Pumps 1, 2, 3, and 4 Seal Leakoff Inside Containment System Leakage Test
84003-2AD	C-H/C7.10	RC Pump 1 Seal Injection from Penetration 54 to Valve 006 System Leakage Test
84003-2AE	C-H/C7.10	RC Pump 2 Seal Injection from Penetration 53 to Valve 359 System Leakage Test
84003-2AF	C-H/C7.10	RC Pump 3 Seal Injection from Penetration 52 to Valve 360 System Leakage Test
84003-2AG	C-H/C7.10	RC Pump 4 Seal Injection from Penetration 51 to Valve 361 System Leakage Test
84003-2AH	C-H/C7.10	Reactor Coolant System (RCS) Hot Leg Sample Lines to Penetration 24 System Leakage Test
84003-2AI	C-H/C7.10	Sample Line from Valve 101 to Valve HV-3514 System Leakage Test
84003-2AJ	C-H/C7.10	Chemical and Volume Control System Leakage Test with Normal Charging Pump Operating (Outside Containment)
84003-2AK	C-H/C7.10	Centrifugal Charging Pump 1208-P6-002 (Train "A") Discharge System Leakage Test
84003-2AL	C-H/C7.10	Centrifugal Charging Pump 1208-P6-003 (Train "B") Discharge System Leakage Test
84003-2AN	C-H/C7.10	Accumulator Tank 1 (1204-V6-002) System Leakage Test
84003-2AO	C-H/C7.10	Accumulator Tank 2 (1204-V6-003) System Leakage Test
84003-2AP	C-H/C7.10	Accumulator Tank 3 (1204-V6-004) System Leakage Test
84003-2AQ	C-H/C7.10	Accumulator Tank 4 (1204-V6-005) System Leakage Test
84003-2AW	C-H/C7.10	Refueling Water Storage Tank (RWST) System Leakage Test
84003-2AY	C-H/C7.10	Sample Line from Valve 097 to Valve HV-3508 System Leakage Test

84003-2AZ	C-H/C7.10	Penetration 24 Outside Containment System Leakage Test (Post-Accident Sampling)
84003-2BA	C-H/C7.10	Nuclear Service Cooling Water (NSCW) Train "A" System Leakage Test (Outside Containment)
84003-2BC	C-H/C7.10	NSCW Train "B" System Leakage Test (Outside Containment)
84003-2BE	C-H/C7.10	Containment Coolers 1501-A7-001 and 1501-A7-002 System Leakage Test
84003-2BF	C-H/C7.10	Containment Coolers 1501-A7-003 and 1501-A7-004 System Leakage Test
84003-2BG	C-H/C7.10	Containment Coolers 1501-A7-005 and 1501-A7-006 System Leakage Test
84003-2BH	C-H/C7.10	Containment Coolers 1501-A7-007 and 1501-A7-008 System Leakage Test
84003-2BI	C-H/C7.10	Cooling Coils 1511-E7-001 and 1515-A7-001 System Leakage Test
84003-2BJ	C-H/C7.10	Cooling Coils 1511-E7-002 and 1515-A7-002 System Leakage Test
84003-2BO	C-H/C7.10	Steam Generator 1201-B6-001 System Leakage Test
84003-2BP	C-H/C7.10	Steam Generator 1201-B6-002 System Leakage Test
84003-2BQ	C-H/C7.10	Steam Generator 1201-B6-003 System Leakage Test
84003-2BR	C-H/C7.10	Steam Generator 1201-B6-004 System Leakage Test
84003-2BS	C-H/C7.10	Penetration 7 System Leakage Test (Outside Containment Steam Generator 1 Blowdown to Heat Exchanger)
84003-2BU	C-H/C7.10	Penetration 8 System Leakage Test (Outside Containment Steam Generator 2 Blowdown to Heat Exchanger)
84003-2BV	C-H/C7.10	Penetration 9 System Leakage Test (Outside Containment Steam Generator 3 Blowdown to Heat Exchanger)
84003-2BW	C-H/C7.10	Penetration 10 System Leakage Test (Outside Containment Steam Generator 4 Blowdown to Heat Exchanger)
84003-2BY	C-H/C7.10	Penetration 11B System Leakage Test (Outside Containment Steam Generator 1 Blowdown to Sample)
84003-2BZ	C-H/C7.10	Penetration 11C System Leakage Test (Outside Containment Steam Generator 2 Blowdown to Sample)
84003-2CA	C-H/C7.10	Penetration 12B System Leakage Test (Outside Containment Steam Generator 3 Blowdown to Sample)
84003-2CB	C-H/C7.10	Penetration 12C System Leakage Test (Outside Containment Steam Generator 4 Blowdown to Sample)
84003-2CC	C-H/C7.10	Main Steam Loop 1 System Leakage Test (Outside Containment)
84003-2CD	C-H/C7.10	Main Steam Loop 2 System Leakage Test (Outside Containment)
84003-2CE	C-H/C7.10	Main Steam Loop 3 System Leakage Test (Outside Containment)
84003-2CF	C-H/C7.10	Main Steam Loop 4 System Leakage Test (Outside Containment)
84003-2CN	C-H/C7.10	Main Feedwater Loop 1 System Leakage Test (Outside Containment)
84003-2CO	C-H/C7.10	Main Feedwater Loop 2 System Leakage Test (Outside Containment)
84003-2CP	C-H/C7.10	Main Feedwater Loop 3 System Leakage Test (Outside Containment)
84003-2CQ	C-H/C7.10	Main Feedwater Loop 4 System Leakage Test (Outside Containment)
84003-2CR	C-H/C7.10	Excess Letdown Heat Exchanger System Leakage Test

TAB E

INSERVICE INSPECTION EXAMINATION (OWNER'S REPORT) SUMMARY

- **REPORTABLE INDICATION SUMMARY**

REPORTABLE INDICATION SUMMARY

The following Indication Notifications Forms and/or Condition Reports were issued due to "reportable" indications or conditions being observed during the examination of either Class 1 or 2 components during the fifteenth (15th) maintenance/refueling outage at VEGP-2 (referenced attachments are available at the VEGP plant site for review upon request. SNC defines "reportable" as volumetric, surface or visual examinations with indications/conditions exceeding specified acceptance standard of ASME XI, thus requiring "analytical evaluation. Volumetric and surface examinations meeting the applicable acceptance standards are not considered "reportable", and will not necessarily be indicated on the table below. Visual indications will be included in the table, even if dispositioned as "acceptable".

INF NO. and/or Condition Report	Affected Component/Area	INF Disposition
N/A	N/A	None reported for 2R15

The Indication Notification Form(s) constitute only those *reportable* indications or conditions observed during the SNC Engineering Programs Department scope of work. With the exception of Steam Generator Tube Inspections any *reportable* indications or conditions observed by VEGP Site personnel or outside contractors during their scope of work should be identified by/to the VEGP Site in report document(s) which are referenced herein. Additional information related to Steam Generator Tube Inspections are to be provided in a separate report one hundred eighty (180) days after the initial entry into MODE 4 as required VEGP Technical Specification 5.6.10.

TAB F

**OWNER'S REPORT FOR REPAIR AND
REPLACEMENTS
(ASME FORM NIS-2)**

OWNER'S REPORTS FOR REPAIRS OR REPLACEMENTS (FORM NIS-2)

The following Owner's Reports for Repairs or Replacements (Form NIS-2) are provided for work activities documented at VEGP-2 since the last maintenance/refueling outage (2R14) through the completion of the fifteenth maintenance/refueling outage (2R15). Reports are identified by their respective traveler number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective traveler packages at the plant site. Only those NIS-2 reports applicable to VEGP-2 are included in this report document. Any attachments, e.g., code data reports, etc., referenced in the NIS-2 reports will be made available for review upon request at the plant site. It should be noted that even through Site procedures may require the use of an NIS-2 form, Code Case N-508-3 "Rotation of Service Snubbers and Pressure Relief Valves for the Purpose of Testing" does not require the use of an NIS-2 form provided certain conditions are met. Therefore Repair/Replacement activities not requiring NIS-2 forms per Code Case N-508-3 are excluded from this Owner's Report.

09037	11050	11082	11095
10026	11068	11084	11099
11034	11071	11086	11100
11046	11072	11090	11104
11047	11078	11092	

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 09037

1. Owner Southern Nuclear Operating Company Date August 8th, 2011
 Name 20 Inverness Center Parkway, Birmingham, AL Sheet 1 of 3 *BJF 11/9/12*
 Address Waynesboro, GA 30830 Unit 2 *11/10/12*
2. Plant Vogtle Electric Generating Plant Repair/Replacement Organization P.O. No., Job No., etc. 2080127401
 Name Waynesboro, GA 30830
 Address 2080127401
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Plant Vogtle Authorization No. N/A
 Address Plant Vogtle Expiration Date N/A
4. Identification of System 1301 / MAIN STEAM SYSTEM
5. (a) Applicable Construction Code ASME Sec. III 1977 Edition, 1977 Addenda, Winter 1977 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED. 2003 ADD.
 (c) Applicable Section XI Code Case(s) N/A BJF 9/2/11
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
ATMOSPHERIC DUMP VALVE	CONTROL COMPONENTS, INC.	23469-1-2	N/A	2-PV-3010	2010	CORRECTED	YES

7. Description of Work Replace Valve Plug
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure N/A psi Test Temp. N/A °F
9. Remarks See Item 7
 Applicable Manufacturer's Data Reports to be attached

BJF 8/8/11

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed James Wesley Superintendent Date 8-11-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 2/2/10 to 5/11/09 to 9/06/2011, 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] Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 6 SEPT. 2011

BJF 9/5/11

2 of 3
Traveler 09037

Form N-2

**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 Empress, Rancho Santa Margarita, CA 92688
(Name and address of Certificate Holder)

2. Manufactured for GEORGIA POWER COMPANY, ALVIN VOGTLE PLANT, AUGUSTA, GA, 30830
(Name and address of purchaser)

3. Location of Installation ALVIN VOGTLE PLANT, AUGUSTA, GA, 30830
(Name and address)

4. Type 320801696 ASME SA182-F11 Cl. 2 70,000 PSI N/A 2010
(Drawing no.) (Material spec. no.) (Tensile strength) (CRN) (Year built)

5. ASME Code, Section III, Division 1: 1977 Winter 1977 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 CCI Project 121727, Sales Order 244980, Spare Parts for Valves 23468-1

8. Nom. thickness (in.) 3.2 Min. design thickness (in.) 1.8 Dia. ID (ft & in.) 1.5 Length overall (ft & in.) 11.1

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.) 603820, S/N 1	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.)	

10. Design pressure 1640 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.

3 of 3
Traveler 09037

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

Certificate Holder's Serial No. 603820, S/N 1 through 603820, S/N 1

CERTIFICATE OF DESIGN

Design Specification certified by Mark Z. Jelco P.E. State CA Reg. no. 12217

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 conform(s) to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-2696 Expires August 14, 2012

Date 3-15-10 Name Control Components Inc. (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 HSB/CT of HARTFORD, CONNECTICUT have inspected these items described in this Data Report on 3-15-10, 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 3/15/10 Signed [Signature] Commission CA1494 N
(Authorized Inspector) (Nat'l Bd. (including endorsement) and state or prov., and no.)

****NOTE: DUE TO SIZE AND CONFIGURATION "NPT" CODE STAMPING IS NOT POSSIBLE. TRACEABILITY CAN BE MAINTAINED BY THE IDENTIFICATION AS NOTED BELOW.**

CCI SFC # - 603820
CCI Part Number - 320601696
Material Heat Number - 79740
Material Type - ASME SA182-F11 Cl. 2
Material Purchase Order - 505505

ORIGINAL

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

18

As Required By The Provisions Of The ASME Code Section XI

Traveler # 10026

- 1. Owner Southern Nuclear Operating Company Date September 22nd, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address Birmingham, AL BFF 10/12/11
- 2. Plant Vogtle Electric Generating Plant Unit 2
 Name Waynesboro, GA 30930 2090809001
 Address Repair/Replacement Organization P.O. No., Job No., etc.
- 3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Plant Vogtle Authorization No. N/A
 Address Plant Vogtle Expiration Date N/A
- 4. Identification of System 1301 / MAIN STEAM SYSTEM
- 5. (a) Applicable Construction Code ASME Sec. III 1977 Edition, 1977 Addenda, Winter 1977 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ED, 2003 ADD.
 (c) Applicable Section XI Code Case(s)

6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
VALVE	PAUL MONROE HYDRAULICS	23469-1-1	N/A	2-PV-3000	1988	CORRECTED	YES

7. Description of Work Replace Valve Plug

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure N/A psi Test Temp. N/A °F

9. Remarks See Item 7
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed James W. Daley Superintendent Date 10-8-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9/24/11 - 10/12/11 to 10/12/2011, 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] Commissions GA-756
 Inspector's Signature National Board, State, Province and Endorsements

Date 12 OCT. 2011

BFF 1/2/11

10/12/11

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11034

1. Owner Southern Nuclear Operating Company Date December 9th, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address
2. Plant Vogtle Electric Generating Plant Unit 2
 Name Waynesboro, GA 30830 SNC130810
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Plant Vogtle Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 1208/ CHEMICAL & VOLUME CONTROL SYSTEM
5. (a) Applicable Construction Code ASME Sec. III Edition, 1974 Addenda, Summer 1975 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Ed. thru 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
CHECK VALVE	DRESSER INDUSTRIES, INC.	H218ABH	N/A	21208U4033	1982	REMOVED	YES
CHECK VALVE	DRESSER INDUSTRIES, INC.	H212ABH	N/A	21208U4033	1980 1982	INSTALLED	YES

7. Description of Work Installed replacement valve. The installed valve (S/N H212ABH) was originally purchased as a spare under PO PAV2-49.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
Applicable Manufacturer's Data Reports to be attached

BTJ
2/9/11

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed James Wesley Team Leader Date 12-14-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 6/29/2011 to 1/23/2012 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 [Signature] Commissions GA 756
 National Board, State, Province and Endorsements

Date 3 JAN 2012

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11048

1. Owner Southern Nuclear Operating Company Date 10/13/2011
Name 40 Inverness Center Parkway, Birmingham, AL
Address Sheet 1 of 1
2. Plant Vogtle Electric Generating Plant Unit 2
Name Waynesboro, GA 30830
Address SNC320217
Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Plant Vogtle Authorization No. N/A
Address Expiration Date N/A
4. Identification of System 1208 / Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Sec. III Edition, 1971 Addenda, Winter 1972 Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Ed. thru 2003 Add.
(c) Applicable Section XI Code Case(a) 1649
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
RELIEF VALVE	CROSBY VALVE & GAGE CO.	N56900-00-0049	N/A	2PSV8121	1977	REMOVED	YES
RELIEF VALVE	CROSBY VALVE & GAGE CO.	N56900-00-0074	N/A	2PSV8121	1997	INSTALLED	YES

7. Description of Work Installed replacement valve. The installed valve (S/N N56900-00-0074) is a rotating spare and was originally Purchased under PO# 7029205.

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

9. Remarks See Item 7

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed James Wesley Team Leader Date 10-17-11
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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5-11-11 to 10-19-11 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] Commissions GA-756
Inspector's Signature National Board, State, Province and Endorsements

Date 19 OCT 2011

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11047

1. Owner Southern Nuclear Operating Company Date 11/7/2011
 Name
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address
2. Plant Vogtle Electric Generating Plant Unit 2
 Name
Waynesboro, GA 30830 SNC320049
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
Plant Vogtle Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 1205 / Residual Heat Removal System
5. (a) Applicable Construction Code ASME Sec. III Edition, 1971 Addenda, Summer 1972 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Ed. thru 2003 Add.
 (c) Applicable Section XI Code Case(s) N/A
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
RELIEF VALVE	CROSBY VALVE & GAGE CO.	N56904-00-0085	N/A	2PSV8708B	1991	REMOVED	YES
RELIEF VALVE	CROSBY VALVE & GAGE CO.	N56904-00-0017	N/A	2PSV8708B	1975	INSTALLED	YES

7. Description of Work Installed replacement valve. The installed valve (S/N N56904-00-0017) is a rotating spare and was originally installed as 2PSV8708B during construction.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed James Wiley Team Leader Date 11-11-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 8/01/11 to 11/14/2011 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.

David E. Eberhart Commissions GA, 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 14 November 2011

BTF
11/7/11

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11050

1. Owner Southern Nuclear Operating Company Date December 12th, 2011
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1 ^{137F} _{1/6/12}
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Name Waynesboro, GA 30830 SNC134191
Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Plant Vogtle Expiration Date N/A
Address
4. Identification of System 1201 - Reactor Coolant System
5. (a) Applicable Construction Code ASME Sec. III 1977 Edition, Summer 1979 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
(c) Applicable Section XI Code Case(s)
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PRESSURIZER PORV	CROSBY VALVE & GAGE CO.	3750014	N/A	2PV0455A	1989	CORRECTED	YES

7. Description of Work Pressurizer PORV was repaired. Installed new valve plug, valve seat, and solenoid assembly.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F
9. Remarks None
Applicable Manufacturer's Data Reports to be attached

BTF
2/13/11

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed James Cole Superintendent Date 12-14-11
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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9-24-2011 to 1-06-2012 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] Commissions GA 756
Inspector's Signature National Board, State, Province and Endorsements

Date 6 JAN 2012

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11068

1. Owner Southern Nuclear Operating Company Date December 8, 2011
 Name
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address
2. Plant Vogtle Electric Generating Plant Unit 2
 Name
Waynesboro, GA 30830 SNC136162
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name
Plant Vogtle Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 1301 / MAIN STEAM SYSTEM
5. (a) Applicable Construction Code ASME Sec. III Edition, 1977 Addenda, Winter 1977
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
 (c) Applicable Section XI Code Case(s) N-249-1
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE SUPPORT	LISEGA USA	30700160/003	N/A	2-1301-104-H003	1989	INSTALLED	YES
PIPE SUPPORT	PULLMAN POWER PRODUCTS	45	N/A	2-1301-104-H003	1989	REMOVED	YES

7. Description of Work AD-12501 snubber serial no.45 was replaced with LISEGA 309253RF4 snubber serial no. 30700160/003 to support surveillance testing.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
Applicable Manufacturer's Data Reports to be attached

Handwritten initials

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Superintendent Date 12-8-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co., of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7-13-2011 to 12-12-2011, 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] Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 12 DEC. 2011

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11071

1. Owner Southern Nuclear Operating Company Date November 7, 2011
 Name _____
40 Inveness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address _____
2. Plant Vogtle Electric Generating Plant Unit 2
 Name _____
Waynesboro, GA 30830 SNC138167
 Address _____ Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
Plant Vogtle Expiration Date N/A
 Address _____
4. Identification of System 1301 / MAIN STEAM SYSTEM
5. (a) Applicable Construction Code ASME Sec. III Edition, 1977 Addenda, Winter 1977
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed, 2003 add.
 (c) Applicable Section XI Code Case(s) N-249-1
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE SUPPORT	LISEGA USA	30700561/056	N/A	2-1301-129-H031	1989	INSTALLED	YES
PIPE SUPPORT	PULLMAN POWER PRODUCTS	438	N/A	2-1301-129-H031	1989	REMOVED	YES

7. Description of Work AD-73 snubber serial no. 438 was replaced with LISEGA 301856RC7 snubber serial no. 30700561/056 to support surveillance testing.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A Expiration Date _____ N/A

Signed James C. [Signature] Superintendent Date 11-11-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7/18/2011 to 11/14/2011 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] Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 14 NOVEMBER 2011

BJP
11/7/11

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11072

1. Owner Southern Nuclear Operating Company Date October 24, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address Sheet 1 of 1
2. Plant Vogtle Electric Generating Plant Unit 2
 Name Waynesboro, GA 30830
 Address SNC136168
 Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Plant Vogtle Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 1301 / MAIN STEAM SYSTEM
5. (a) Applicable Construction Code ASME Sec. III Edition, 1977 Addenda, Winter 1977
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
 (c) Applicable Section XI Code Case(s) N-249-1
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE SUPPORT	LISEGA USA	30700491/112	N/A	2-1301-138-H006	1989	INSTALLED	YES
PIPE SUPPORT	PULLMAN POWER PRODUCTS	573	N/A	2-1301-138-H006	1989	REMOVED	YES

7. Description of Work AD-153 snubber serial no. 573 was replaced with LISEGA 303856RC7 snubber serial no. 30700491/112 to support surveillance testing. Reference DCP 99-VAN0033.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
 Applicable Manufacturer's Data Reports to be attached

BTF
12/1/11

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A

Signed James Wesley Superintendent Date 10-25-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut at Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-18-11 to 10-25-11, 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] Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 25 OCT 2011

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11078

1. Owner Southern Nuclear Operating Company Date December 8, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address _____
2. Plant Vogtle Electric Generating Plant Unit 2
 Name Waynesboro, GA 30830 SNC136180
 Address _____ Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name _____ Authorization No. N/A
Plant Vogtle Expiration Date N/A
 Address _____
4. Identification of System 1305 / CONDENSATE & FEEDWATER SYSTEM
5. (a) Applicable Construction Code ASME Sec. III Edition, 1977 Addenda, Winter 1977
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed, 2003 add.
 (c) Applicable Section XI Code Case(s) N-249-1
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE SUPPORT	LISEGA USA	03615805/11	N/A	2-1305-155-H003	1989	INSTALLED	YES
PIPE SUPPORT	PULLMAN POWER PRODUCTS	26800	N/A	2-1305-155-H003	1989	REMOVED	YES

7. Description of Work PSA-3 snubber serial no. 26800 was replaced with LISEGA 305253RF3 snubber serial no. 03615805/11 to support surveillance testing.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A Expiration Date _____ N/A

Signed James J. [Signature] Superintendent Date 12-8-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 2-12-2011 to 12-12-2011 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 Commission GA 756
 National Board, State, Province and Endorsements

Date: 12 DEC 2011

BFF
2/8/11

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11082

1. Owner Southern Nuclear Operating Company Date December 30th, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address

2. Plant Vogtle Electric Generating Plant Unit 1
 Name Waynesboro, GA 30830
 Address SNC134043
 Repair/Replacement Organization P.O. No., Job No., etc.

3. Work Performed by Westinghouse Type Code Symbol Stamp N/A
 Name 1000 Westinghouse Drive, Cranberry Authorization No. N/A
Township, PA 16066. Expiration Date N/A
 Address

4. Identification of System 1201 - Reactor Coolant System

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1/5/11
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5. (a) Applicable Construction Code ASME Sec. III 1971 Edition, Winter 1972 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
 (c) Applicable Section XI Code Case(s)

6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PUMP	WESTINGHOUSE ELECTRIC CORP.	5055D24G01	N/A	2-1201-P6-003	1986	INSTALLED	YES

7. Description of Work A replacement #2 seal housing was installed. The replacement #2 seal housing, S/N 1778, is a rotating spare that has previously been in service. In addition two seal housing bolts were replaced.

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

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A

Signed James Wesley Supt Date 1-3-12
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 8-23-2011 to 1-03-2012 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] Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 13 JAN 2012

JWF
2/3/11

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11084

- 1. Owner Southern Nuclear Operating Company Date December 30th, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1 *BDF 1/5/12*
 Address Unit 1 *JE 1/10/12*
- 2. Plant Vogtle Electric Generating Plant Unit 1
 Name Waynesboro, GA 30830 SNC134042
 Address Repair/Replacement Organization P.O. No., Job No., etc.
- 3. Work Performed by Westinghouse Type Code Symbol Stamp N/A
 Name 1000 Westinghouse Drive, Cranberry Authorization No. N/A
 Address Township, PA 16068. Expiration Date N/A
- 4. Identification of System 1201 - Reactor Coolant System
- 5. (a) Applicable Construction Code ASME Sec. III 1971 Edition, Winter 1972 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed, 2003 add.
 (c) Applicable Section XI Code Case(s)
- 6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PUMP	WESTINGHOUSE ELECTRIC CORP.	5055D24G01	N/A	2-1201-P6-001	1986	INSTALLED	YES

- 7. Description of Work A replacement #2 seal housing was installed. The replacement #2 seal housing, S/N 2017, is a rotating spare that has previously been in service. In addition one seal housing bolt was replaced.
- 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
- 9. Remarks None
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
 Certificate of Authorization No. N/A Expiration Date N/A
 Signed James W. Supt. Date 1-3-12
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 8/15/2011 to 11/03/2012 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] Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements
 Date 3 Jan 2012

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11086

1. Owner Southern Nuclear Operating Company Date November 08, 2011
Name 40 Inverness Center Parkway, Birmingham, AL
Address Sheet 1 of 1
2. Plant Vogtle Electric Generating Plant Unit 2
Name Waynesboro, GA 30830
Address SNC324070
Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Plant Vogtle Authorization No. N/A
Address Address Expiration Date N/A
4. Identification of System 1208 - Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Summer 1975 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
(c) Applicable Section XI Code Case(s)
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE	CONSOLIDATED POWER SUPPLY	N/A	N/A	2-1208-PIPE	1989	CORRECTED	YES

7. Description of Work Seal welded pipe plug.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure NOP psi Test Temp. NOT °F
9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A

Signed James W. [Signature] Date 11-11-11
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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 7-13-2011 to 12-07-2011 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] Commissions GA 756
Inspector's Signature National Board, State, Province and Endorsements

Date 7 DEC. 2011

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11090

- 1. Owner Southern Nuclear Operating Company Date December 8, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address
- 2. Plant Vogtle Electric Generating Plant Sheet 1 of 1
 Name Waynesboro, GA 30830 Unit 2
 Address SNC332912
 Repair/Replacement Organization P.O. No., Job No., etc.
- 3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Plant Vogtle Authorization No. N/A
 Address Address Expiration Date N/A
- 4. Identification of System 1301 / MAIN STEAM SYSTEM
- 5. (a) Applicable Construction Code ASME Sec. III Edition, 1977 Addenda, Winter 1977
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed, 2003 add.
 (c) Applicable Section XI Code Case(s) N-249-1

6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	408	N/A	2-1301-178-H002	1989	INSTALLED	YES
PIPE SUPPORT	PULLMAN POWER PRODUCTS	120	N/A	2-1301-178-H002	1989	REMOVED	YES

7. Description of Work AD-501 snubber serial no. 120 was replaced with AD-501 snubber serial no. 408 to support unrelated maintenance.

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

9. Remarks See Item 7

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed James [Signature] Superintendent Date 12-14-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 7-26-2011 to 12-23-2011 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] Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 23 DEC 2011

JTF
2/8/11

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11092

1. Owner Southern Nuclear Operating Company Date November 17, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address
2. Plant Vogtle Electric Generating Plant Unit 2
 Name Waynesboro, GA 30830
 Address SNC134435
 Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Plant Vogtle Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 1208 - Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Sec. III 1974 Edition, Summer 1975 Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
 (c) Applicable Section XI Code Case(s)
6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
VALVE	DRESSER INDUSTRIES, INC	H218ABH	N/A	2-1208-U4-033	1982	CORRECTED	YES

7. Description of Work Seal welded valve cap to body following removal for internal examination
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure NOP psi Test Temp. NOT °F
9. Remarks None
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Jerry C. Dealey, Maint Date 11-29-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9-26-2011 to 12-07-2011 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 [Signature] Commissions GA 756
 National Board, State, Province and Endorsements

Date 7 Dec. 2011

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1/17/11

287E 1/5/12
1/10/12

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11095

1. Owner Southern Nuclear Operating Company Date November 11, 2011
Name 40 Inverness Center Parkway, Birmingham, AL
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Name Waynesboro, GA 30830
Address SNC134313
Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Plant Vogtle Authorization No. N/A
Address Address Expiration Date N/A
4. Identification of System 1201 - Reactor Coolant System
5. (a) Applicable Construction Code ASME Sec. III 1971 Edition, Summer 1972 Addenda, 1484-2 Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed, 2003 add.
(c) Applicable Section XI Code Case(s)
6. Identification Of Components

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1/10/12
JE 1/10/12

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP	GBGT 1981	N/A	2-1201-B6-004	1982	INSTALLED	YES

7. Description of Work Installed mechanical tube plug in tube location R53-C43 (Cold Leg) and on location R53-C43 (Hot Leg). Reference CR354880.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure _____ psi Test Temp. _____ °F
9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed James W. [Signature] Superintendent Date 11-11-11
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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 2-27-2011 to 11-14-2011, 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 GA 756
National Board, State, Province and Endorsements

Date 14 NOVEMBER 2011

11/11

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11089

1. Owner Southern Nuclear Operating Company Date December 9th, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address
2. Plant Vogtle Electric Generating Plant Unit 2
 Name Waynesboro, GA 30830 SNC335213
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp NA
 Name Plant Vogtle Authorization No. NA
 Address Plant Vogtle Expiration Date NA
4. Identification of System 1201 / REACTOR COOLANT SYSTEM
5. (a) Applicable Construction Code ASME Sec. III Edition, 1977 Addenda, Winter 1977
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
 (c) Applicable Section XI Code Case(a) N-249-1

6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	00614770/028	N/A	2-1201-014-H841	1989	INSTALLED	YES
PIPE SUPPORT	PULLMAN POWER PRODUCTS	268	N/A	2-1201-014-H841	1989	REMOVED	YES

7. Description of Work AD-41 snubber serial no. 268 was replaced with Lisege 3018 snubber serial no. 00614770/026 to support surveillance Testing. A replacement load stud was also installed.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
Applicable Manufacturer's Data Reports to be attached

BF
2/9/11

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed James Welch Superintendent Date 12-14-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 7-28-2011 to 12-29-2011 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] Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 29 DEC 2011

ORIGINAL
FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
 As Required By The Provisions Of The ASME Code Section XI

Traveler # 11100

1. Owner Southern Nuclear Operating Company Date December 8, 2011
 Name _____
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address _____
2. Plant Vogtle Electric Generating Plant Unit 2
 Name _____
Waynesboro, GA 30830 _____
 Address _____ SNC335212
 Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp _____ N/A
 Name _____ Authorization No. _____ N/A
Plant Vogtle Expiration Date _____ N/A
 Address _____
4. Identification of System 1301 / MAIN STEAM SYSTEM
5. (a) Applicable Construction Code ASME Sec. III Edition, 1977 Addenda, Winter 1977
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
 (c) Applicable Section XI Code Case(s) N-249-1

6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
PIPE SUPPORT	LISEGA USA	30700561/054	N/A	2-1301-121-H019	1989	INSTALLED	YES
PIPE SUPPORT	PULLMAN POWER PRODUCTS	1213	N/A	2-1301-121-H019	1989	REMOVED	YES

7. Description of Work AD-73 snubber serial no. 1213 was replaced with LISEGA 30185RC7 snubber serial no. 30700561/054 to support surveillance testing.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
Applicable Manufacturer's Data Reports to be attached

SW
7/18/11

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp _____ N/A
 Certificate of Authorization No. _____ N/A Expiration Date _____ N/A

Signed James Werle Superintendent Date 12-9-11
 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 Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Connecticut of Hartford, Connecticut, have inspected the components described in this Owner's Report during the period 9-28-2011 to 12-13-2011, 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.

James Werle Commissions GA 756
 Inspector's Signature National Board, State, Province and Endorsements

Date 13 DEC 2011

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 11104

1. Owner Southern Nuclear Operating Company Date December 9th, 2011
 Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
 Address
2. Plant Vogtle Electric Generating Plant Unit 2
 Name Waynesboro, GA 30830 SNC133906
 Address Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by Maintenance Department Type Code Symbol Stamp N/A
 Name Plant Vogtle Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System 1201 / REACTOR COOLANT SYSTEM
5. (a) Applicable Construction Code ASME Sec. III Edition, 1977 Addenda, Winter 1977
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 edd.
 (c) Applicable Section XI Code Case(s) N/A

6. Identification Of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1201 PIPING SYSTEM	NUCLEAR INSTALLATION SERVICES CO.	08008448	N/A	2X86AB08-54 2X66AB08-55 2X66AB08-58	1988	CORRECTED	YES

7. Description of Work Installed replacement 3/4" X 5/16" reducer union at seal table location L-11.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
9. Remarks See Item 7
Applicable Manufacturer's Data Reports to be attached

BTF
12/14/11

CERTIFICATE OF COMPLIANCE	
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.	
Type Code Symbol Stamp	N/A
Certificate of Authorization No.	N/A
Expiration Date	N/A
Signed <u>James Walsh</u> Superintendent	Date <u>12-14-11</u>
Owner or Owner's Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co. of Connecticut</u> of <u>Hartford, Connecticut</u> , have inspected the components described in this Owner's Report during the period <u>10-05-2011</u> to <u>1-04-2012</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer make 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 <u>[Signature]</u>	Commissions <u>GA 756</u> National Board, State, Province and Endorsements
Date <u>4 JAN 2012</u>	