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January 15, 2010



Docket Nos.: 50-424

NL-10-0081

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

Vogtle Electric Generating Plant – Unit 1
1R15 Inservice Inspection Summary Report

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) submits herewith the Vogtle Electric Generating Plant Unit 1, Interval 3, Period 1, Outage 2 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during the fall 2009 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 advise.

Respectfully submitted,

A handwritten signature in black ink that reads "Mark J. Ajluni".

M. J. Ajluni
Manager - Nuclear Licensing

MJA/TAH/phr

Enclosure: Vogtle Electric Generating Plant - Unit 1 Inservice Inspection
Summary Report Refueling Outage (1R15)

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. T. E. Tynan, Vice President – Vogtle
Ms. P. M. Marino, Vice President – Engineering
RType: CVC7000

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Ms. D. N. Wright, NRR Project Manager – Vogtle
Mr. M. Cain, Senior Resident Inspector – Vogtle

Enclosure

**Vogtle Electric Generating Plant - Unit 1
Inservice Inspection Summary Report
Refueling Outage (1R15)**

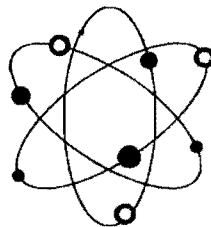
**SOUTHERN NUCLEAR
OPERATING COMPANY**

**MATERIALS AND INSPECTION
SERVICES**

INSERVICE INSPECTIONS

PLANT VOGTLE UNIT 1

REFUELING OUTAGE 15



FALL 2009

**Volume 1
Owner's Report**

TAB A

INTRODUCTION & ABBREVIATIONS

INTRODUCTION

This report documents the examinations and tests performed at Vogtle Electric Generating Plant, Unit 1 (VEGP-1) between April 24, 2008 (date of last examination performed during the fourteenth (14th) maintenance/refueling outage, 1R14) and October 23, 2009 (end of the fifteenth (15th) maintenance/refueling outage, 1R15) 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-1 through the completion of the fifteenth maintenance/refueling outage in October 23, 2009 done per the 2001 Edition with 2003 Addenda. The Owner's Reports for Repairs and Replacements (Form NIS-2) are included herein.

This report does *not* include Steam Generator Tube Inspections which are required per VEGP Technical Specification 5.6.10. This 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. The ASME Code requirements were met and the separate report will provide the details for these examinations.

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
IEN	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: One
4. Owner Certification of Authorization: N/A
5. Commercial Service Date: 05/31/87
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	8971	N/A	21668
Steam Generators 1 thru 4	Westinghouse Elec., Pensacola, FL	GAGT 1881, GAGT 1882, GAGT 1883, GAGT 1884,	N/A	NA
Pressurizer	Westinghouse Elec., Pensacola, FL	62189	N/A	NA
Reactor Coolant Pump 4	Westinghouse Elec., Cheswick, PA	F1091	N/A	NA
Residual Heat Removal Heat Exchanger, Train "B"	Joseph Oat Corp., Camden, NJ	2322-2B	N/A	NA
Selected Piping, Components, and Supports	Pullman Power Products, Williamsport, PA	System Numbers 1201, 1204, 1205, 1208, 1301, and 1305.	N/A	N/A

FORM NIS-1 (Back)

8. Examination Dates: April 24, 2008 to October 23, 2009
9. Inspection Period Identification: First Period
10. Inspection Interval Identification: Third Inspection Interval
11. Applicable Edition of Section XI 2001 Addenda 2003
12. Date/Revision of Inspection Plan: September 11, 2009 / Version 3.0
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: 14 JAN 2010 Signed: Southern Nuclear
Operating Company, Inc.
for
Georgia Power Company
Owner

By: rec CP Dedrickson

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 24, 2008 to October 23, 2009, 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.

[Signature]
Inspector's Signature

Commission: GA 756
National Board, State, Province, and Endorsements

Date: 14 JAN 20 10

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-1. 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 the first inspection period examinations and tests which were performed between April 24, 2008, (date of last examination performed during 1R14) and October 23, 2009 (end of 1R15 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-1 since 1R14 through the end of 1R15. 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), 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-1 examinations conducted, no Class 1 components were observed to have reportable indications. Reference Tab E of this volume for details and disposition.

Six (6) 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 Pressure Test

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 maintenance/refueling

outage. This system leakage test (LT-1) 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), magnetic particle testing (MT), 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-1 examinations conducted, no Class 2 components were observed to have reportable indications.

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 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 pressure tests performed are itemized in the "Pressure Tests" portion of this report document. The visual examinations performed during these system pressure 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.

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-1 examinations conducted, no component supports were observed to have unsatisfactory results.

Class MC Containment Examinations and Tests (IWE)

During the VEGP-1 Fall 2009 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-tight or structural integrity. The moisture barrier was examined for evidence of wear, damage, erosion, tear, surface cracks, or other defects that could violate the leak-tight integrity.

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

A General Inspection of 100% of the interior and exterior accessible surface areas of the containment pressure boundary was performed and documented under Surveillance 84303-101-1082077001. All anomalies consisted of surface rust, scratches, discolorations, etc. and were evaluated as not affecting the structural integrity or leak tightness of the containment pressure boundary.

A General Inspection of 100% of the moisture barrier at the junction of the containment liner and the concrete fill at elevation 171' was performed and documented under Surveillance 85053-102-1082074001. No anomalies were noted during examination.

To fulfill the requirements of the Vogtle Unit 1 Containment Inspection Plan, the following containment pressure boundary bolted connections required examination during 1R15. VT-1 or VT-3 examinations were performed to fulfill the requirements. No anomalies of the examined components were identified and results are documented under Surveillance 85053-101-1082074101.

Personnel Air Lock Emergency Air Cover	12101R2014
Escape Air Lock Emergency Air Cover	12101R2015
Dedicated Outage Penetrations	5-M, 55-M, 90-M

CLASS CC Containment Examinations (IWL)

None performed in 1R15

Status of Examinations Required for the current Interval

This 1R15 Outage was the 2nd Outage, 1st Period of the 3rd Interval. The results from this outage, combined with the examinations from the previous refueling outage (1R14, Spring 2008) represent 100% of the total Class 1 and 2 scope for the current period and interval. VEGP Unit 1 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 1R15 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 and 15 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**

Vogtle 1R15 – Examination Summary (Total Piping)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s). S09V1	Results	Remarks
B-F B5.70	11201-002-5 31" ELBOW TO NOZZLE	NMP-ES-025-506	U128, U158	NRI	Limited UT Exam (21%) Relief Required
B-J B9.11	11201-030-27 4" PIPE TO REDUCER	NMP-ES-025-501	U039	NRI	N/A
B-J B9.11	11201-030-30 6" TEE TO PIPE	NMP-ES-025-501	U030	NRI	N/A
B-J B9.11	11201-030-32 6" PIPE TO ELBOW	NMP-ES-025-501	U036	NRI	N/A
B-J B9.11	11201-030-33 6" ELBOW TO PIPE	NMP-ES-025-501	U038	NRI	N/A
B-J B9.11	11201-030-34 6" PIPE TO ELBOW	NMP-ES-025-501	U035	NRI	N/A
B-J B9.11	11201-030-35 6" ELBOW TO PIPE	NMP-ES-025-501	U034	NRI	N/A
B-J B9.11	11201-030-38 6" PIPE TO REDUCER	NMP-ES-025-501	U154, U155, U156, U157	NRI	Limited UT Exam (83%) Relief Required
B-J B9.11	11201-030-39 4" REDUCER TO PIPE	NMP-ES-025-501	U145, U146, U147	NRI	N/A
B-J B9.11	11201-030-41 4" PIPE TO ELBOW	NMP-ES-025-501	U148, U149, U150	NRI	N/A
B-J B9.11	11201-030-42 4" ELBOW TO PIPE	NMP-ES-025-501	U151, U152, U153	NRI	N/A
B-J B9.11	11201-053-1 16" BRANCH CONNECTION TO PIPE	NMP-ES-025-501	U066, U067, U072	NRI	N/A
WOL Q-4300	11201-030-WOL-1 N-5 PRESSURIZER NOZZLE OVERLAY	NMP-ES-025-509	U054, U056, U057, U058,	NRI	N/A
WOL Q-4300	11201-053-WOL-1 N-6 PRESSURIZER NOZZLE OVERLAY	NMP-ES-025-509	U169, U170	NRI	N/A
WOL Q-4300	11201-056-WOL-1 N-3 PRESSURIZER NOZZLE OVERLAY	NMP-ES-025-509	U048, U049, U050, U051	NRI	N/A
WOL Q-4300	11201-057-WOL-1 N-2 PRESSURIZER NOZZLE OVERLAY	NMP-ES-025-509	U041, U042, U043	NRI	N/A
WOL Q-4300	11201-058-WOL-1 N-1 PRESSURIZER NOZZLE OVERLAY	NMP-ES-025-509	U044, U046, U047	NRI	N/A

Vogtle 1R15 – Examination Summary (Total Piping)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s). S09V1	Results	Remarks
WOL Q-4300	11201-059-WOL-1 N-4 PRESSURIZER NOZZLE OVERLAY	NMP-ES-025-509	U052, U053	NRI	N/A
C-F-1 C5.11	11204-001-1 12" BRANCH CONNECTION TO PIPE	NMP-ES-025-501	U025, U030	NRI	N/A
C-F-1 C5.11	11204-007-16 10" ELBOW TO PIPE	NMP-ES-025-501	U027, U031	NRI	N/A
C-F-1 C5.11	11204-011-10 6" PIPE TO TEE	NMP-ES-025-501	U026	NRI	N/A
B-J B9.40	11204-243-29 1.5" PIPE TO VALVE	NMP-ES-025-301	P004	NRI	N/A
B-J B9.40	11204-243-30 1.5" VALVE TO PIPE (MRP 146)	NMP-ES-025-301, NMP-ES-025-501	P003, U160	NRI	N/A
B-J B9.22	11204-243-31 1.5" PIPE TO ELBOW (MRP 146)	NMP-ES-025-501	U163, U164, U165	NRI	N/A
B-J B9.22	11204-243-32 1.5" ELBOW TO PIPE (MRP 146)	NMP-ES-025-501	U166, U167	NRI	N/A
B-J B9.40	11204-244-24 1.5" VALVE TO PIPE (MRP 146)	NMP-ES-025-301, NMP-ES-025-501	P007, U171	NRI	N/A
B-J B9.22	11204-244-25 1.5" PIPE TO ELBOW (MRP 146)	NMP-ES-025-501	U172, U173, U174	NRI	N/A
B-J B9.22	11204-244-26 1.5" ELBOW TO PIPE (MRP 146)	NMP-ES-025-501	U175, U176, U177	NRI	N/A
B-J B9.40	11204-245-29 1.5" VALVE TO PIPE (MRP 146)	NMP-ES-025-301, NMP-ES-025-501	P006, U178	NRI	N/A
B-J B9.22	11204-245-30 1.5" PIPE TO ELBOW (MRP 146)	NMP-ES-025-501	U179, U180, U181	NRI	N/A
B-J B9.22	11204-245-31 1.5" ELBOW TO PIPE (MRP 146)	NMP-ES-025-501	U182, U183, U184	NRI	N/A
B-J B9.40	11204-246-32 1.5" VALVE TO PIPE (MRP 146)	NMP-ES-025-301, NMP-ES-025-501	P005, U185	NRI	N/A
B-J B9.22	11204-246-33 1.5" PIPE TO ELBOW (MRP 146)	NMP-ES-025-501	U186, U187, U188	NRI	N/A
B-J B9.22	11204-246-34 1.5" ELBOW TO PIPE (MRP 146)	NMP-ES-025-501	U189, U190, U191	NRI	N/A

Vogle 1R15 – Examination Summary (Total Piping)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s). S09V1	Results	Remarks
C-F-1 C5.11	11205-001-2 12" PIPE TO EXTENSION SLEEVE	NMP-ES-025-501	U140, U141	NRI	N/A
C-F-1 C5.11	11205-001-3 12" EXTENSION SLEEVE TO PENETRATION	NMP-ES-025-501	U137	NRI	N/A
C-F-1 C5.11	11205-003-49 14" PIPE TO ELBOW (MRP 192)	NMP-ES-025-501	U013, U017	NRI	N/A
C-F-1 C5.11	11205-003-50 14" ELBOW TO PIPE (MRP 192)	NMP-ES-025-501	U014, U018	NRI	N/A
C-F-1 C5.11	11205-003-51 14" PIPE TO ELBOW (MRP 192)	NMP-ES-025-501	U015, U019	NRI	N/A
C-F-1 C5.11	11205-003-52 14" ELBOW TO PIPE (MRP 192)	NMP-ES-025-501	U016, U020	NRI	N/A
C-F-1 C5.11	11205-004-39 14" PIPE TO ELBOW (MRP 192)	NMP-ES-025-501	U003, U007	NRI	N/A
C-F-1 C5.11	11205-004-40 14" ELBOW TO PIPE (MRP 192)	NMP-ES-025-501	U004, U008	NRI	N/A
C-F-1 C5.11	11205-004-41 14" PIPE TO ELBOW (MRP 192)	NMP-ES-025-501	U005, U009	NRI	N/A
C-F-1 C5.11	11205-004-42 14" ELBOW TO PIPE (MRP 192)	NMP-ES-025-501	U007, U010	NRI	N/A
C-F-1 C5.11	11205-007-17 8" TEE TO PIPE (MRP 192)	NMP-ES-025-501	U021, U022	NRI	N/A
C-F-1 C5.11	11205-008-17 8" TEE TO PIPE (MRP 192)	NMP-ES-025-501	U011, U012	NRI	N/A
C-F-1 C5.11	11208-411-44 8" PIPE TO ELBOW	NMP-ES-025-501	U024, U028	NRI	N/A
C-F-1 C5.11	11208-411-45 8" ELBOW TO PIPE	NMP-ES-025-501	U023, U029	NRI	N/A
C-F-2 C5.51	11301-001-1 28" PENETRATION TO PIPE (TS 5.5.16)	NMP-ES-025-502	U159	NRI	Also HELB Credit
C-F-2 C5.51	11301-001-2 28" PIPE TO PIPE (TS 5.5.16)	NMP-ES-025-502	U116	NRI	Also HELB Credit
C-F-2 C5.51	11301-001-3 28" PIPE TO 29-1/2" PIPE (TS 5.5.16)	NMP-ES-025-502	U122, U123, U124, U125	NRI	Also HELB Credit

Vogle 1R15 – Examination Summary (Total Piping)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s). S09V1	Results	Remarks
C-F-2 C5.51	11301-001-5 29 -1/2 PIPE TO VALVE (TS 5.5.16)	NMP-ES-025-502	U112, U113	NRI	Also HELB Credit
C-F-2 C5.51	11301-001-6 VALVE TO 291/2" PIPE (TS 5.5.16)	NMP-ES-025-502	U114, U115	NRI	Also HELB Credit Limited UT Exam (75%) Relief Required
C-F-2 C5.51	11301-001-8 29 1/2" PIPE TO VALVE (TS 5.5.16)	NMP-ES-025-502	U120, U121	NRI	Also HELB Credit
C-F-2 C5.51	11301-001-9 VALVE TO 28" PIPE (TS 5.5.16)	NMP-ES-025-502	U118, U119	NRI	Also HELB Credit
C-F-2 C5.51	11301-001-10 28" PIPE TO PIPE FORGING (TS 5.5.16)	NMP-ES-025-502	U109, U110	NRI	Also HELB Credit
C-F-2 C5.51	11305-060-1 FORGING TO 16" PIPE (TS 5.5.16)	NMP-ES-025-502	U105, U106	NRI	Also HELB Credit
C-F-2 C5.51	11305-060-2 16" PIPE TO 6" BRANCH CONNECTION (TS 5.5.16)	NMP-ES-025-502	U103, U104	NRI	Also HELB Credit
C-F-2 C5.51	11305-060-4 16" PIPE TO VALVE (TS 5.5.16)	NMP-ES-025-502	U107, U108	NRI	Also HELB Credit
C-F-2 C5.51	11305-060-5 16" VALVE TO PIPE (TS 5.5.16)	NMP-ES-025-502	U092, U093, U094	NRI	Also HELB Credit
C-F-2 C5.51	11305-060-6 16" PIPE TO VALVE (TS 5.5.16)	NMP-ES-025-502	U098, U099, U100	NRI	Also HELB Credit
C-F-2 C5.51	11305-060-7 16" VALVE TO PIPE (TS 5.5.16)	NMP-ES-025-502	U095, U096, U097	NRI	Also HELB Credit
C-F-2 C5.51	11305-060-8 16" PIPE TO PENETRATION (TS 5.5.16)	NMP-ES-025-502	U101, U102	NRI	Also HELB Credit
C-F-2 C5.51	11305-064-24 16" PIPE TO ELBOW	NMP-ES-025-502	U203	NRI	N/A
C-F-2 C5.51	11305-064-25 16" ELBOW TO PIPE	NMP-ES-025-502	U204	NRI	N/A
C-F-2 C5.51	11305-064-26 16" PIPE TO NOZZLE	NMP-ES-025-502	U202	NRI	N/A

Vogtle 1R15 – Examination Summary (Total Equipment)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s). S08V2	Results	Remarks
B-G-2 B7.50	11201-057-8 FB 6" FLANGE BOLT ASSEMBLY FOR 1PSV8010B	NMP-ES-024-201	N/A	SAT	WO# 1081375801
B-G-2 B7.50	11201-056-6 FB 6" FLANGE BOLT ASSEMBLY FOR 1PSV8010C	NMP-ES-024-201	N/A	SAT	WO# 1081375801
N-722 B15.120	11201-B6-001-I10-VT CHANNEL HEAD DRAIN TUBE (WCAP 12907	NMP-ES-024-202 NMP-ES-024-301	V007, P002	UNSAT NRI	BMV of SG Alloy 600 Channel Head Tube Region per ASME CC N-722 Initial VT Unsat – PT Sat (NRI) Ref CR 2009109084
N-722 B15.120	11201-B6-002-I10-VT CHANNEL HEAD DRAIN TUBE (WCAP 12907	NMP-ES-024-202	V008	SAT	BMV of SG Alloy 600 Channel Head Tube Region per ASME CC N-722
C-B C2.22	11201-B6-002-IR04 MAIN FEEDWATER NOZZLE INNER RADIUS	NMP-ES-024-513	U193, U194, U195, U196, U197	NRI	N/A
C-A C1.10	11201-B6-002-W03 UPPER SHELL BARREL 'C' TO TRANSITION CONE WELD	NMP-ES-024-516	U192	RI	UT RI – Code Acceptable
C-B C2.21	11201-B6-002-W19 16" MAIN FEEDWATER NOZZLE TO SHELL WELD	NMP-ES-024-401 NMP-ES-024-516	M005, U198, U199, U200, U201	NRI	Limited UT Exam (80%) Relief Required
C-B C2.21	11201-B6-002-W26 6" AUX. FEEDWATER NOZZLE TO SHELL WELD	NMP-ES-024-401 NMP-ES-024-516	M006, U205, U206, U207	NRI	Limited UT Exam (80%) Relief Required
B-G-2 B7.30	11201-B6-003-B01 THRU B32 PRIMARY MANWAY BOLTING	NMP-ES-024-201	V024	SAT	Examined while disassembled.
N-722 B15.120	11201-B6-003-I10-VT CHANNEL HEAD DRAIN TUBE (WCAP 12907	NMP-ES-024-202	V009	SAT	BMV of SG Alloy 600 Channel Head Tube Region per ASME CC N-722
N-722 B15.120	11201-B6-004-I10-VT CHANNEL HEAD DRAIN TUBE (WCAP 12907	NMP-ES-024-202	V010	SAT	BMV of SG Alloy 600 Channel Head Tube Region per ASME CC N-722
B-G-2 B7.60	11201-P6-001-B25 THRU B32 1.5" DIA SEALWATER HOUSING CAP SCREWS	NMP-ES-024-201	N/A	SAT	WO# 1080899901
B-G-2 B7.60	11201-P6-002-B25 THRU B32 1.5" DIA SEALWATER HOUSING CAP SCREWS	NMP-ES-024-201	N/A	SAT	WO# 1090146201

Vogle 1R15 – Examination Summary (Total Equipment)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s). S08V2	Results	Remarks
B-G-2 B7.60	11201-P6-003-B25 THRU B32 1.5" DIA SEALWATER HOUSING CAP SCREWS	NMP-ES-024- 201	N/A	SAT	WO# 1080900001
B-N-1 B13.10	11201-V6-001-I01 VESSEL INTERIOR	NMP-ES-024- 203	V026	SAT	Accessible areas
B-N-1 B13.CH	11201-V6-001-I02 VESSEL CLOSURE HEAD INTERIOR (FSAR 5.3.3.7)	NMP-ES-024- 202	V019	SAT	N/A
B-A B1.21	11201-V6-001-W01 CLOSURE HEAD DOME TO TORUS WELD	NMP-ES-024- 503	U129, U130	NRI	N/A
B-A B1.40	11201-V6-001-W02 CLOSURE HEAD TORUS TO FLANGE WELD	NMP-ES-024- 503, NMP-ES-024- 401	M003, U126, U127	NRI	N/A
B-A B1.22	11201-V6-001-W08 CLOSURE HEAD TORUS MERIDIONAL WELD	NMP-ES-024- 503	U131, U132	NRI	N/A
B-A B1.22	11201-V6-001-W09 CLOSURE HEAD TORUS MERIDIONAL WELD	NMP-ES-024- 503	U143, U144	NRI	N/A
B-A B1.22	11201-V6-001-W10 CLOSURE HEAD TORUS MERIDIONAL WELD	NMP-ES-024- 503	U135, U138	NRI	N/A
B-A B1.22	11201-V6-001-W11 CLOSURE HEAD TORUS MERIDIONAL WELD	NMP-ES-024- 503	U133, U134	NRI	N/A
B-K B10.10	11201-V6-001-W206 LIFTING LUG 240 DEG	NMP-ES-024- 401	M004	NRI	Limited MT Exam (49%) Relief Required
N-722 B15.90	11201-V6-001-W33-VT OUTLET NOZZLE N1 TO SAFE END WELD (N-722)	NMP-ES-024- 202	V020	SAT	N/A
N-722 B15.90	11201-V6-001-W36-VT OUTLET NOZZLE N4 TO SAFE END WELD (N-722)	NMP-ES-024- 202	V021	SAT	N/A
N-722 B15.90	11201-V6-001-W37-Vt OUTLET NOZZLE N5 TO SAFE END WELD (N-722)	NMP-ES-024- 202	V022	SAT	N/A
N-722 B15.90	11201-V6-001-W40-VT OUTLET NOZZLE N8 TO SAFE END WELD (N-722)	NMP-ES-024- 202	V023	SAT	N/A
B-D B3.120	11201-V6-002-IR-01 6" SAFETY NOZZLE INNER RADIUS (W11)	NMP-ES-024- 513	U032, U033	NRI	N/A
B-D B3.120	11201-V6-002-IR-04 6" RELIEF NOZZLE INNER RADIUS (W10)	NMP-ES-024- 513	U040, U059	NRI	N/A

Vogtle 1R15 – Examination Summary (Total Equipment)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s). S08V2	Results	Remarks
B-B B2.11	11201-V6-002-W01 UPPER HEAD TO UPPER SHELL WELD	NMP-ES-024- 516	U080, U081, U083, U086, U087, U088	NRI	Limited UT Exam (75%) Relief Required
B-B B2.12	11201-V6-002-W06 UPPER SHELL LONGITUDINAL WELD	NMP-ES-024- 516	U089, U090, U091	NRI	N/A
B-D B3.110	11201-V6-002-W10 UPPER HEAD TO 6" SAFETY NOZZLE WELD	NMP-ES-024- 401, NMP-ES-024- 516	M001, U077, U078, U079	NRI	Limited MT Exam (52%) Relief Required
B-D B3.110	11201-V6-002-W11 UPPER HEAD TO 6" SAFETY NOZZLE WELD	NMP-ES-024- 401 NMP-ES-024- 516	M002, U073, U075, U076	NRI	Limited MT Exam (52%) Relief Required
N-722 B15.80	11201-V6-BMI-BMV VESSEL BOTTOM HEAD EXTERIOR & BMI NRC BULLETIN 2002-01){	NMP-ES-024- 208	V011	SAT	BMV of RPV Alloy 600 Bottom Mounted Instrumentation (BMI's) per ASME CC N-722
N-729 B4.10	11201-V6-CRDM(VT-2) VESSEL CLOSURE HEAD EXTERIOR	NMP-ES-024- 208	V025	SAT	BMV (Direct and Remote) of RPV Alloy 600 CRDM's and Surface per 10CFR 50.55a and ASME CC N-729..
C-C C3.10	11205-E6-002-W03 HEAD TO SUPPORT SKIRT WELD	NMP-ES-024- 301	P001	NRI	N/A

Vogtle 1R15 – Examination Summary (Total Supports)

ASME Section XI Cat / Item	Examination/Area (Sort)	Examination Procedure(s)	Exam/Cal Sheet No(s).	Results	Remarks
F-A F1.40	11201-V6-002-H01 SUPPORT SKIRT	NMP-ES-024-203	V012	SAT	N/A
F-A F1.40	11201-V6-002-H02 SEISMIC RESTRAINT	NMP-ES-024-203	V013	SAT	N/A
F-A F1.40	11201-V6-002-H03 SEISMIC RESTRAINT	NMP-ES-024-203	V014	SAT	N/A
F-A F1.40	11201-V6-002-H04 SEISMIC RESTRAINT	NMP-ES-024-203	V015	SAT	N/A
F-A F1.40	11201-V6-002-H05 SEISMIC RESTRAINT	NMP-ES-024-203	V016	SAT	N/A
F-A F1.40	11201-V6-002-H06 SUPPORT STEEL	NMP-ES-024-203	V017	SAT	N/A
F-A F1.40	11204-V6-001-S01 SUPPORT LEG	NMP-ES-024-203	V001	SAT	N/A
F-A F1.40	11204-V6-001-S02 SUPPORT LEG	NMP-ES-024-203	V002	SAT	N/A
F-A F1.40	11204-V6-001-S03 SUPPORT LEG	NMP-ES-024-203	V003	SAT	N/A
F-A F1.40	11204-V6-001-S04 SUPPORT LEG	NMP-ES-024-203	V004	SAT	N/A
D-A D1.10	11208-F6-003-S01 ATT LUGS	NMP-ES-024-201	V006	SAT	N/A
F-A F1.40	11208-F6-003-S01 FILTER SUPPORT	NMP-ES-024-203	V005	SAT	N/A

TAB D

INSERVICE INSPECTION EXAMINATION (OWNER'S REPORT) SUMMARY

- **SYSTEM PRESSURE TESTS**

SYSTEM PRESSURE TESTS

The following pressure tests were performed on Class 1 and Class 2 components after the last maintenance/refueling outage (1R14) through the completion of the fifteenth maintenance/refueling outage (1R15). 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 System Functional Tests, and
- Class 2 components (IWC-2500-1, Examination Category C-H) required to operate during normal plant operation which are identified as System Inservice Tests.

Boundaries for these pressure tests are described in the VEGP-1 Inservice Inspection Plan. Examination results are discussed in the applicable sections of this report document. The examination data for these pressure tests is available at the plant site for review upon request.

System Leakage Test Schedule (LT)

LT Number	Exam. Cat.	Test Description
1	B-P	Class 1 System Leakage Test

System Functional Test Schedule (FTs)

FT Number	Exam. Cat.	Test Description
3	C-H	Penetration 32 (High Head Safety Injection to Cold Legs) Functional Test
6	C-H	Penetration 33 (Safety Injection to Hot Legs 1 & 4) Functional Test
7	C-H	Penetration 31 (Safety Injection to Hot Legs 2 & 3) Functional Test
9	C-H	Penetration 56 (Residual Heat Removal to Hot Leg Injection) Functional Test
10	C-H	Safety Injection (SI) Pump Suction Functional Test
11	C-H	Residual Heat Removal System (RHRS) to Chemical and Volume Control System (CVCS) Suction Functional Test
14	C-H	Turbine Driven Auxiliary Feedwater (TDAFW) Pump 1302-P4-001 Functional Test
18	C-H	RHR Train A Suction Piping in Encapsulation Tank
19	C-H	RHR Train B Suction Piping in Encapsulation Tank
20	C-H	Containment Spray Train A Suction Piping in Encapsulation Tank
21	C-H	Containment Spray Train B Suction Piping in Encapsulation Tank

System Inservice Test Schedule (ITs)

IT Number	Exam. Cat.	Test Description
11	C-H	Centrifugal Charging Pump 1208-P6-002 (Train "A") Discharge Inservice Test
12	C-H	Centrifugal Charging Pump 1208-P6-003 (Train "B") Discharge Inservice Test
18	C-H	RHRS Train "A" Inservice Test
19	C-H	RHRS Train "B" Inservice Test
64	C-H	Auxiliary Feedwater (AFW) Inservice Test With Pump 1302-P4-002 (Train "B") Operating
65	C-H	AFW Inservice Test With Pump 1302-P4-003 (Train "A") Operating
80	C-H	RHRS Cleanup Inservice Test

TAB E

INSERVICE INSPECTION EXAMINATION (OWNER'S REPORT) SUMMARY

- **REPORTABLE INDICATION SUMMARY**

REPORTABLE INDICATION SUMMARY

The following indication identified on the Condition Report was 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-1 (referenced attachments are available at the VEGP plant site for review upon request):

INF NO. and/or Condition Report	Affected Component/Area	INF Disposition
2009109084	11201-B6-001-I10 Steam Generator Channel Head Drain Tube Alloy 600)	Unidentified white substance during visual examination. Chemistry "swipe" results and precautionary surface exams were satisfactory.

The Indication Notification Form(s) constitute only those *reportable* indications or conditions observed during the SNC M & IS Department scope of work. 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.

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-1 since the last maintenance/refueling outage (1R14) through the completion of the fifteenth maintenance/refueling outage (1R15). 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-1 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 though 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.

The NIS-2s listed below were performed during the Third Inspection Interval for the following travelers which are included herein:

07190	09009	09035	09045	09057
07196	09010	09038	09046	09058
07200	09011	09039	09049	09059
08057	09017	09043	09055	09060
09002	09025	09044	09056	09061

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

4

Traveler # 07190

1. Owner Southern Nuclear Operating Company Date October 13, 2009
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Name Waynesboro, GA 30830 WO 105337301
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, 1977 Edition, Winter 1977 Addenda, 1644-5 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 SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	1-1201-068-H604	1987	INSTALLED	YES

7. Description of Work PSA-1/4 snubber serial no.38559 was replaced with an Lisega Type 30 snubber serial no.30500420/086

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 [Signature] Superintendent Date 10/14/09
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 9/17/07 to 12-2-09 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
Date 12-2-09

Commissions GA 00115
National Board, State, Province and Endorsements

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

As Required by The provisions of The ASME Code Section XI

Traveler # 07196

- Owner Southern Nuclear Operating Company Date October 5, 2009
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
- Plant Vogtle Electric Generating Plant Unit 1
Waynesboro, GA 30830 WO 1053338001
Address Repair/Replacement Organization P.O. No., Job No., etc.
- Work Performed by Maintenance Department Type Code Symbol Stamp N/A
Name Authorization No. N/A
Plant Vogtle Expiration Date N/A
Address
- Identification of System 1206 / Containment Spray System
- (a) Applicable Construction Code 1977 Edition, Winter 1977 Addenda, N-249-1 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 SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1206-002-H013	1986	CORRECTED	YES

- Description of Work Top and bottom PSA-1/2 snubbers #18889 and #14117 were replaced with Lisega Type 30 #040 (top) and #015 (bottom) to support surveillance testing..

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

- 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 [Signature] Superintendent Date 10/7/09
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 9/17/07 to 10-10-09, 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 00115
Date 10/10/09 National Board, State, Province and Endorsements

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 07200

1. Owner Southern Nuclear Operating Company Date October 13, 2009
Name
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Name
Waynesboro, GA 30830 WO 1053338401
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 (CVCS)
5. (a) Applicable Construction Code ASME Sec. III, 1977 Edition, Winter 1977 Addenda, 1644-5 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 SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	1-1208-064-H005	1987	INSTALLED	YES

7. Description of Work PSA-1/4 snubber serial no.33487 was replaced with an Lisega Type 30 snubber serial no. 305004201097 305004201097 12/2/09
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 [Signature] Superintendent Date 12/3/09
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 9/17/07 to 12-23-09, 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 00115
Inspector's Signature National Board, State, Province and Endorsements
Date 12-23-09

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 08057

1. Owner Southern Nuclear Operating Company Date 09/12/08
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address _____
2. Plant Vogtle Electric Generating Plant Unit 1
Name Waynesboro, GA 30830 1080977401
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 1208 / Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Sec. III, 1977 Edition, Winter 1977 Addenda, N/A 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)
1208 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	1K4-1208-005-02	1987	CORRECTED	YES

7. Description of Work Weld identified as 255-W-01C on isometric drawing 1K4-1208-005-02 was repaired by complete removal of the existing cracked weld and re-welded utilizing a 2-to-1 unequal leg fillet weld with a concave profile to improve fatigue resistance (based on EPRI Test Report 113890, "Vibration Fatigue Testing of Socket Welds). Additional corrective action will be determined through the root cause investigation under CR# 2008106194.
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 <u>[Signature]</u>	Team Leader	Date <u>9/12/08</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>08/05/08</u> to <u>9/12/2008</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 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 <u>[Signature]</u>	Commissions <u>69 756</u> National Board, State, Province and Endorsements
Date <u>18 SEPT 2008</u>	

FORM NIS-2 OWNER'S REPORT OF REPLACEMENT ACTIVITY

As Required by Title 19, Chapter 20, Code Section XI

Transit # 090002

4

1. Owner	Southern Nuclear Operating Company		Date	April 28, 2009	
	Name		Sheet	1	of 1
2. Plant	40 Inverness Center Parkway, Birmingham, AL		Unit		
	Address				
	Name				
	Waynesboro, GA 30030				
3. Work Performed by	Maintenance Department		Report/Replacement Organization P.O. No., Job No., etc.	WFO 10706/2001	
	Name		Type Code Symbol Stamp	N/A	
	Plant/Vendor		Authorization No.	N/A	
	Address		Expiration Date	N/A	
4. Identification of System	1301 / Main Steam System				
5. (a) Applicable Construction Code	1977	Edition,	Winter 1977	Addenda,	n/a
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity	2001 ed., 2002 add.				
(c) Applicable Section XI Code Cases					
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)
ATKOSPIRIFIC DUMP VALVE	CONTROL INC.	23408-1-2	N/A	1-PV-3010	1982	CORRECTED	YES

7. Description of Work Replaced plug on ARV 1-PV-3010.

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

N/A

Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed

[Signature]

Team Leader

Date

4/28/09

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 this state or Province of Georgia and employed by Hanford Steam Boiler Inspection and Insurance Co. of Connecticut

of Hanford, Connecticut, have inspected the components described in this Owner's Report during the period 1/28/09

to 05/11/2009 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

Gen 7516

National Board, State, Province and Endorsements

Date 11 MAY, 2009

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

As Required by The Inspection Code of the ASME Code Section XI

Traveler # 09009

- ORIGINAL
- 4
1. Owner Southern Nuclear Operating Company Date December 2, 2009
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
 2. Plant Vogtle Electric Generating Plant Unit 1
Waynesboro, GA 30830 WO 1080899901
Address Repair/Replacement Organization P.O. No., Job No., etc.
 3. Work Performed by Westinghouse Electric Corp. 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, 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.	1-9744D35G01	N/A	1-1201-P6-001	1987	CORRECTED	YES

7. Description of Work The no. 2 seal housing assembly was replaced on Unit 1 RCP #1 1-1201-P6-001.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure NOP psi Test Temp. NOT °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	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed	<u>[Signature]</u> Owner or Owner's Designee, Title	Date	<u>12/17/09</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>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>3/25/09</u> to <u>12-22-09</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 makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature	Commissions <u>GA 00115</u> National Board, State, Province and Endorsements
Date <u>12-22-09</u>	

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

As Required By The provisions of The ASME Code Section XI

Traveler # 09010

1. Owner Southern Nuclear Operating Company
40 Inverness Center Parkway, Birmingham, AL
 Name _____ Address _____
 Date December 7, 2009
 Sheet 1 of 1
2. Plant Vogtle Electric Generating Plant
Waynesboro, GA 30830
 Name _____ Address _____
 Unit 1
 WO 1080900001
 Repair/Replacement Organization P.O. No., Job No., etc. _____
3. Work Performed by Westinghouse Electric Corp.
Plant Vogtle
 Name _____ Address _____
 Type Code Symbol Stamp N/A
 Authorization No. N/A
 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.	3-9744D35G01	N/A	1-1201-P6-003	1987	CORRECTED	YES

7. Description of Work The no. 2 seal housing assembly was replaced on Unit 1 RCP #3 1-1201-P6-003.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure NOP psi Test Temp. NOT °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	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>[Signature]</u>	Superintendent	Date	<u>12/10/09</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>3/25/09</u> to <u>12-17-09</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 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 <u>[Signature]</u>	Commissions <u>GA 00115</u>
Date <u>12-17-09</u>	National Board, State, Province and Endorsements

ORIGINAL

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

As Required By The provisions of the ASME Code Section XI

Traveler # 09011

1. Owner Southern Nuclear Operating Company
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address
2. Plant Vogtle Electric Generating Plant
 Name Waynesboro, GA 30830
 Address
3. Work Performed by Westinghouse Electric Corp.
 Name Plant Vogtle
 Address
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.	2-9744D35G01	N/A	1-1201-P6-002	1987	CORRECTED	YES

7. Description of Work The no. 2 seal housing assembly was replaced on Unit 1 RCP #2 1-1201-P6-002.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure NOP psi Test Temp. NOT °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	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed	<u>[Signature]</u> Owner or Owner's Designee, Title	Superintendent	Date <u>12/21/09</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>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>3/30/09</u> to <u>12-21-09</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 makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature	Commissions <u>GA 00115</u> National Board, State, Province and Endorsements
Date <u>12-21-09</u>	

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

As Required By The Provisions of The ASME Code, Section XI

Traveler # 09017

1. Owner Southern Nuclear Operating Company Date October 14, 2009
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address Sheet 1 of 1
 2. Plant Vogtle Electric Generating Plant Unit 1
 Name Waynesboro, GA 30830
 Address WO 1090161501
 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, Winter 1977 Addenda, N-249-1 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 SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	1-1201-030-H055	1987	INSTALLED	YES

7. Description of Work AD-151 snubber serial no. 424 was replaced with an AD-151 snubber serial no. 159 to support surveillance testing. In addition, replaced 3 load bolts.

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	<u>[Signature]</u>	Superintendent	Date <u>10/14/09</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>4/15/09</u> to <u>11-9-09</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 makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature	Commissions <u>GA 00115</u>
Date <u>11-9-09</u>	National Board, State, Province and Endorsements

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

As Required By The provisions of The ASME Code Section XI

ORIGINAL

Traveler # 09025

1. Owner Southern Nuclear Operating Company Date October 12, 2009
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address Sheet 1 of 1
2. Plant Vogtle Electric Generating Plant Unit 1
 Name Waynesboro, GA 30830
 Address WO 1090133401
 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 1208 / Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Sec. III, 1977 Edition, Winter 1977 Addenda, 1644-5 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 SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	1-1208-002-H035	1987	INSTALLED	YES

7. Description of Work AD-151 snubber serial no. 542 was replaced with an AD-151 snubber serial no. 172 to support surveillance testing. In addition, new hex head bolts were installed as well.

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 [Signature] Superintendent Date 10/13/09
 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 4/15/09 to 12-1-09, 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 00115
 Date 12-1-09 National Board, State, Province and Endorsements

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 09035

1. Owner Southern Nuclear Operating Company Date October 28, 2009
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Waynesboro, GA 30830 WO 109114101
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 1208 / Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Sec. III, 1977 Edition, Winter 1977 Addenda, N-249-1 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 SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	1-1208-449-H002	1987	INSTALLED	YES

7. Description of Work PSA-1/4 snubber serial no. 34202 was replaced with PSA-1/4 snubber serial no. 33509 to support surveillance testing. In addition 3 hex socket head cap screws were also replaced.

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	<u>[Signature]</u> Owner or Owner's Designee, Title	Superintendent	Date <u>10/29/09</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or Province of <u>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>4/15/09</u> to <u>11-3-09</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 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 <u>[Signature]</u> Date <u>11-3-09</u>	Commissions <u>GA 00115</u> National Board, State, Province and Endorsements

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

As Required By The Provisions of the ASME Code, Section XI

Traveler # 09038

- Owner Southern Nuclear Operating Company
Name
40 Inverness Center Parkway, Birmingham, AL
Address
- Plant Vogtle Electric Generating Plant
Name
Waynesboro, GA 30830
Address
- Work Performed by Maintenance Department
Name
Plant Vogtle
Address
- Identification of System 1208 / Chemical and Volume Control System
- (a) Applicable Construction Code ASME Sec. III, 1977 Edition, Winter 1977 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)

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)
1208 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	1K3-1208-139-01	1987	INSTALLED	YES

- Description of Work A 1" vent line was welded to 1208-139 per DCP 1090009101.

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

- 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 [Signature] Superintendent Date 10/29/09
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 5/13/09 to 11-24-09, 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 00115
Date 11-24-09 National Board, State, Province and Endorsements

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 09039

1. Owner Southern Nuclear Operating Company Date January 13, 2009
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address Sheet 1 of 1
2. Plant Vogtle Electric Generating Plant Unit 1
 Name Waynesboro, GA 30830
 Address WO 1090198001
 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 1208 / Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Sec. III, 1974 Edition, N/A Addenda, 1637 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	FISHER CONTROLS CO.	6499395	N/A 3239	1-TV-0381-B	1978	CORRECTED	YES
			649 1/14/10	OTE 1/14/10			

7. Description of Work The serial number of the valve plug replaced under WO 1081003601 was verified. See also CR 2009101104.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure NOP 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 [Signature] Superintendent Date 1/13/10
 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 8/6/09 to 14 JAN 2010, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector 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 NB 10655 GA 657
 National Board, State, Province and Endorsements

Date 14 JAN 2010

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

As Required By the ASME Code, Section XI

ORIGINAL

3

Traveler # 09043

- Owner Southern Nuclear Operating Company
Name
40 Inverness Center Parkway, Birmingham, AL
Address
- Plant Vogtle Electric Generating Plant
Name
Waynesboro, GA 30830
Address
- Work Performed by Maintenance Department
Name
Plant Vogtle
Address
- Identification of System 1208 / Chemical and Volume Control System
- (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)

Date January 6, 2010
Sheet 1 of 1
Unit 1
WO 1081023401
Repair/Replacement Organization P.O. No., Job No., etc.

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.	H616ABH	N/A	1-1208-U4-359	1982	INSTALLED	YES

7. Description of Work Valve was disassembled and inspected; the valve cap was re-welded to the valve after reassembly.

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 <u>[Signature]</u>	Superintendent	Date	<u>1/6/10</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>8/13/09</u> to <u>1/7/2010</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector 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 <u>[Signature]</u>	Commissions <u>GA 756</u> National Board, State, Province and Endorsements
Date <u>1/7/2010</u>	

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

4

Traveler # 09044

1. Owner Southern Nuclear Operating Company Date October 27, 2009
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Name Waynesboro, GA 30830 WO 109006502
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 1208 / CHEMICAL & VOLUME CONTROL SYSTEM (CVCS)
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)
1208 PIPING SYSTEM	PULLMAN POWER PRODUCTS.	N/A	N/A	1K4-1208-005-02	1987	INSTALLED	YES

7. Description of Work Replaced 1-F0-0200 and associated piping.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure NOP psi Test Temp. NOT °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	<u>[Signature]</u> Superintendent	Date	<u>10/29/09</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>9/15/09</u> to <u>12-17-09</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 makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature	Commissions <u>GA 00115</u>
Date <u>12-17-09</u>	National Board, State, Province and Endorsements

4

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

Traveler # 09045

1. Owner Southern Nuclear Operating Company Date October 27, 2009
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Name Waynesboro, GA 30830 WO 109006503
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 1208 / CHEMICAL & VOLUME CONTROL SYSTEM (CVCS)
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)
1208 PIPING SYSTEM	PULLMAN POWER PRODUCTS.	N/A	N/A	1K4-1208-005-02	1987	INSTALLED	YES

7. Description of Work Replaced 1-F0-0201 and associated piping.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure NOP psi Test Temp. NOT °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 <u>[Signature]</u>	Superintendent	Date <u>10/29/09</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>9/15/09</u> to <u>12-17-09</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 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 <u>[Signature]</u>	Commissions <u>GA 00115</u> National Board, State, Province and Endorsements
Date <u>12-17-09</u>	

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 09046

1. Owner Southern Nuclear Operating Company Date October 27, 2009
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Name Waynesboro, GA 30830 WO 109006504
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 1208 / CHEMICAL & VOLUME CONTROL SYSTEM (CVCS)
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)
1208 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	1K4-1208-005-02	1987	INSTALLED	YES

7. Description of Work Replaced 1-F0-0202 and associated piping.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure NOP psi Test Temp. NOT °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	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>[Signature]</u>	<u>Superintendent</u>	Date <u>10/29/09</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>9/15/09</u> to <u>12-16-09</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 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 <u>[Signature]</u>	Commissions <u>GA 00115</u>
Date <u>12-16-09</u>	National Board, State, Province and Endorsements

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

As Required By The Rules of the ASME Section XI

Traveler # 09049

- ORIGINAL
- 4
1. Owner Southern Nuclear Operating Company Date October 21, 2009
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address Sheet 1 of 1
 2. Plant Vogtle Electric Generating Plant Unit 1
 Name Waynesboro, GA 30830
 Address WO 1081811201
 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, 1971 Edition, Summer 1972 Addenda, 1528-3 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed, 2003 add. 1484-2
 (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)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP.	GAGT 1884	N/A	1-1201-B6-004	1981	CORRECTED	YES

7. Description of Work Replaced stud and nut at position #4 on the cold leg primary manway.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure NOP psi Test Temp. NOT °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	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>[Signature]</u>	<u>Superintendent</u>	Date <u>10/29/09</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>9/29/09</u> to <u>12-16-09</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 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 <u>[Signature]</u>	Commissions <u>GA 00115</u>
Date <u>12-16-09</u>	National Board, State, Province and Endorsements

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 09055

1. Owner Southern Nuclear Operating Company Date October 14, 2009
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Waynesboro, GA 30830 WO 1091663201
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 1208 / Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Sec. III, 1977 Edition, Winter 1977 Addenda, 1644-5 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 SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	1-1208-002-H030	1987	INSTALLED	YES

7. Description of Work PSA- 1/4 snubber serial no. 38560 was replaced with an PSA-1/4 snubber serial no. 33467 to support surveillance testing. In addition, the cap screws were also replaced.

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 <u>[Signature]</u>	Superintendent	Date	10/14/09
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>9/30/09</u> to <u>10-22-09</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 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 <u>[Signature]</u>	Commissions <u>GA 00115</u>
Date <u>10-22-09</u>	National Board, State, Province and Endorsements

ORIGINAL

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

As Required By The provisions of the ASME Code Section XI

4

Traveler # 09056

1. Owner Southern Nuclear Operating Company Date October 21, 2009
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1
Address
2. Plant Vogtle Electric Generating Plant Unit 1
Waynesboro, GA 30830 WO 1081811201
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, 1971 Edition, Summer 1972 Addenda, 1528-3 Code Case 1484-2
(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)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP.	GAGT 1884	N/A	1-1201-B6-004	1981	CORRECTED	YES

7. Description of Work Replaced stud and nut at position #8 on the cold leg primary manway.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure NOP psi Test Temp. NOT °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	<u>N/A</u>		
Certificate of Authorization No.	<u>N/A</u>	Expiration Date	<u>N/A</u>
Signed <u>[Signature]</u>	<u>Superintendent</u>	Date <u>10/29/09</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>9/30/09</u> to <u>12-16-09</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 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.	
<u>[Signature]</u> Inspector's Signature	<u>GA 00115</u> Commissions National Board, State, Province and Endorsements
Date <u>12-16-09</u>	

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

As Required By The Provisions Of The ASME Code Section XI

ORIGINAL

4

Traveler # 09057

1. Owner Southern Nuclear Operating Company
 Name 40 Inverness Center Parkway, Birmingham, AL
 Address
2. Plant Vogtle Electric Generating Plant
 Name Waynesboro, GA 30830
 Address
3. Work Performed by Maintenance Department
 Name Plant Vogtle
 Address
4. Identification of System 1201 / Reactor Coolant System
5. (a) Applicable Construction Code ASME Sec. III, 1971 Edition, Summer 1972 Addenda, 1528-3 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
 (c) Applicable Section XI Code Case(s) 1484-2

Repair/Replacement Organization P.O. No., Job No., etc. WO 1081811201

Type Code Symbol Stamp N/A
 Authorization No. N/A
 Expiration Date 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)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP.	GAGT 1884	N/A	1-1201-B6-004	1981	CORRECTED	YES

7. Description of Work Replaced stud and nut at position #14 on the hot leg primary manway.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure NOP psi Test Temp. NOT °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 [Signature] Superintendent Date 10/29/09
 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 9/30/09 to 12-16-09, 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 00015
 Inspector's Signature National Board, State, Province and Endorsements
 Date 12-16-09

ORIGINAL

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

As Required By The provisions of the ASME Code Section XI

Traveler # 09058

7

1. Owner Southern Nuclear Operating Company
 Name
40 Inverness Center Parkway, Birmingham, AL
 Address
 2. Plant Vogtle Electric Generating Plant
 Name
Waynesboro, GA 30830
 Address
 3. Work Performed by Westinghouse Electric Co.
 Name
44 Inverness Center Pkwy, Suite 148,
Birmingham, AL 35342
 Address
 4. Identification of System 1201 / Reactor Coolant System
 5. (a) Applicable Construction Code ASME Sec. III, 1971 Edition, Summer 1972 Addenda, 1484-3 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add. 1528-3
 (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)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP.	GAGT 1881	N/A	1-1201-B6-001	1981	INSTALLED	YES

7. Description of Work Installed mechanical tube plugs in tube locations R2-C113, R3-C108, R5-C110, R7-C106, R7-C117, R8-C115, R10-C104, R10-C112, R12-C120, R15-C115, R7-C35 and R44-C60.

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

Superintendent

Date

10/13/09

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 10/1/09 to 10-20-09, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

NB 7974 "A", "N", "I" / GA 00115

Date

10-20-09

National Board, State, Province and Endorsements

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

As Required By The Provisions of The ASME Code, Section XI

Traveler # 09059

- Owner Southern Nuclear Operating Company
Name
40 Inverness Center Parkway, Birmingham, AL
Address
- Plant Vogtle Electric Generating Plant
Name
Waynesboro, GA 30830
Address
- Work Performed by Westinghouse Electric Co.
Name
44 Inverness Center Pkwy, Suite 148,
Birmingham, AL 35342
Address
- Identification of System 1201 / Reactor Coolant System
- (a) Applicable Construction Code ASME Sec. III, 1971 Edition, Summer 1972 Addenda, 1484-3 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)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP.	GAGT 1882	N/A	1-1201-B6-002	1981	INSTALLED	YES

- Description of Work Installed mechanical tube plugs in tube locations R13-C62, R22-C103, R43-C98 and R54-C85.

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

- 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	<u>[Signature]</u> Superintendent	Date	<u>10/18/09</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>10/1/09</u> to <u>10-20-09</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 makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature	Commissions <u>NB 7974 "A", "N", "I" / GA 00115</u> National Board, State, Province and Endorsements
Date <u>10-20-09</u>	

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

As Required By The Provision of The ASME Code, Section XI

ORIGINAL

Traveler # 09060

6

1. Owner Southern Nuclear Operating Company

Name
40 Inverness Center Parkway, Birmingham, AL

Address
2. Plant Vogtle Electric Generating Plant

Name
Waynesboro, GA 30830

Address
3. Work Performed by Westinghouse Electric Co.

Name
44 Inverness Center Pkwy, Suite 148,
Birmingham, AL 35342

Address
4. Identification of System 1201 / Reactor Coolant System
5. (a) Applicable Construction Code ASME Sec. III, 1971 Edition, Summer 1972 Addenda, 1484-3 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 ed. 2003 add.
 (c) Applicable Section XI Code Case(s)

Date October 12, 2009

Sheet 1 of 1

Unit 1

WO 1081842901

Repair/Replacement Organization P.O. No., Job No., etc.

Type Code Symbol Stamp N/A

Authorization No. N/A

Expiration Date 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)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP.	GAGT 1883	N/A	1-1201-B6-003	1981	INSTALLED	YES

7. Description of Work Installed mechanical tube plugs in tube locations R1-C20, R2-C109, R3-C106, R6-C114 and R7-C113.

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		Superintendent	Date <u>10/13/09</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>10/1/09</u> to <u>10-20-09</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 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	Commission
	<u>NB 7979 "A" "N" "I" / GA 00115</u>
Date <u>10-20-09</u>	National Board, State, Province and Endorsements

ORIGINAL

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

As Required By the provisions of the ASME Code, Section XI

Traveler # 09061

1. Owner Southern Nuclear Operating Company
 Name
40 Inverness Center Parkway, Birmingham, AL
 Address
2. Plant Vogtle Electric Generating Plant
 Name
Waynesboro, GA 30830
 Address
3. Work Performed by Westinghouse Electric Co.
 Name
44 Inverness Center Pkwy, Suite 148,
Birmingham, AL 35342
 Address
4. Identification of System 1201 / Reactor Coolant System
5. (a) Applicable Construction Code ASME Sec. III, 1971 Edition, Summer 1972 Addenda, 1484-3 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)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP.	GAGT 1884	N/A	1-1201-B6-004	1981	INSTALLED	YES

7. Description of Work Installed mechanical tube plugs in tube locations R4-C122, R4-C117, R4-C113, and R3-C105.

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 <u>[Signature]</u>	Superintendent	Date	<u>10/13/09</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>10/1/09</u> to <u>10-20-09</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 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 <u>[Signature]</u>	Commissions <u>NB 7979 "A" "N" "I" / GA 00115</u>
Date <u>10-20-09</u>	National Board, State, Province and Endorsements