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*Energy to Serve Your World™*

NL-04-1302

August 13, 2004

Docket No.: 50-425

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

Vogtle Electric Generating Plant  
Inservice Inspection Summary Report

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) submits herewith the Vogtle Electric Generating Plant Unit 2, Interval 2, Period 2, Outage 2 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during its spring 2004 maintenance/refueling outage. Paragraph IWA-6230 of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 1989 Edition requires submittal of the enclosed report. Also included in the report are inspection results required by Vogtle Electric Generating Plant Technical Specification 5.6.10.b for submittal to the NRC within 12 months following completion of the steam generator tube examinations.

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.

The signed original and one copy of the subject report are provided for your review.

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

Jeffrey T. Gasser

JTG/DRG

Enclosure: Inservice Inspection Summary Report Vogtle Electric Generating Plant  
Unit 2 – Refueling Outage (2R10)

AO-17

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cc: Southern Nuclear Operating Company  
Mr. J. B. Beasley, Jr., Executive Vice President  
Mr. W. F. Kitchens, General Manager – Plant Vogtle  
RType: CVC7000

U. S. Nuclear Regulatory Commission  
Dr. W. D. Travers, Regional Administrator  
Mr. C. Gratton, NRR Project Manager – Vogtle  
Mr. G. J. McCoy, Senior Resident Inspector – Vogtle

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**Vogtle Electric Generating Plant  
Unit 2**

**Tenth Maintenance/Refueling Outage (2R10)  
Owner's Report for Inservice Inspection**

**Southern Nuclear Operating Company  
the southern electric system**

# **OWNER'S REPORT FOR INSERVICE INSPECTIONS**

for the

**TENTH MAINTENANCE/REFUELING OUTAGE**

of

**VOGTLE ELECTRIC GENERATING PLANT, UNIT 2**  
(7821 River Road, P. O. Box 1600, Waynesboro, Georgia 30830)

**COMMERCIAL OPERATION DATE: May 20, 1989**

**DOCUMENT COMPLETION DATE: August 2004**

Prepared by

**SOUTHERN NUCLEAR OPERATING COMPANY**  
(40 Inverness Center Parkway, P. O. Box 1295, Birmingham, Alabama 35201)

as

**LICENSEE AND OPERATING AGENT**

for

**GEORGIA POWER COMPANY**  
(241 Ralph McGill Boulevard, N.E., P. O. Box 4545, Atlanta, Georgia 30308-3374)

as

**OWNER**

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## 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

## **INTRODUCTION**

This report documents the examinations and tests performed at Vogtle Electric Generating Plant, Unit 2 (VEGP-2) between November 11, 2002 (date of last examination performed during the ninth maintenance/refueling outage, 2R9) and May 16, 2004 (date of last examination performed during the tenth maintenance/refueling outage, 2R10) to meet the requirements of Article IWA-6000 of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 1989 Edition (Code). In addition, a summary of the following augmented examinations are included in this report:

- VEGP Technical Specification 5.5.9 - Steam Generator Tube Inspections

This report also addresses Code-applicable repairs and/or replacements, which were documented since the last maintenance/refueling outage at VEGP-2 through the completion of the tenth maintenance/refueling outage in May 2004. The Owner's Reports for Repairs and Replacements (Form NIS-2) are included herein.



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

1. Owner: Georgia Power Company, 241 Ralph McGill Blvd., N. E.  
P. O. Box 4545, Atlanta, Georgia 30308-3374
2. Plant: Vogtle Electric Generating Plant, 7821 River Road  
P. O. Box 1600, Waynesboro, Georgia 30830
3. Plant Unit: Two
4. Owner Certification of Authorization: N/A
5. Commercial Service Date: 05/20/89
6. National Board Number for Unit: N/A
7. Components Inspected:

Component or Appurtenance	Manufacturer or Installer and Address	Manufacturer or Installer Serial Number	State or Province Number	National Board Number
Reactor Pressure Vessel	Combustion Eng. Inc., Chattanooga, TN	7372	N/A	22004
Steam Generators 1, 2, 3 and 4	Westinghouse Elec., Pensacola, FL	GBGT 1884 (77743), GBGT 1883 (77745), GBGT 1882 (77742), GBGT 1881 (77744)	N/A	36, 35, 34, 33
Reactor Coolant Pump 4	Westinghouse Elec., Cheswick, PA	5-9744D35G01	N/A	37
Selected Piping, Components, and Supports	Pullman Power Products, Williamsport, PA	System Numbers 1201, 1202, 1204, 1205, 1208, 1301, 1305, & 1501.	N/A	N/A

FORM NIS-1 (Back)

8. Examination Dates: November 11, 2002 to May 16, 2004
9. Inspection Period Identification: Second Period
10. Inspection Interval Identification: Second Inspection Interval
11. Applicable Edition of Section XI 1989 Addenda None
12. Date/Revision of Inspection Plan: November 13, 2003 / Revision 7,
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: Aug 7 2004 Signed: Southern Nuclear Operating Company, Inc. for Georgia Power Company Owner

By: Tom S. Tynan

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 November 11, 2002 to May 16, 2004, 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.

MB Chapman  
Inspector's Signature

Commission: GA 203  
National Board, State, Province, and Endorsements

Date: 8-2 2004

## **ABSTRACT – ASME CLASS 1 AND 2**

### **Introduction/Status**

The ASME Boiler and Pressure Vessel Code, Section XI, 1989 Edition (Code), is the applicable code for conducting inservice inspection activities during the second ten-year inspection interval at VEGP-2. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those second inspection period examinations and tests which were performed between November 11, 2002 (date of last examination performed during the ninth maintenance/refueling outage, 2R9) and May 16, 2004 (date of last examination performed during the tenth maintenance/refueling outage, 2R10).

Risk Informed Program was approved by the NRC by letter dated September 30, 2003 and implemented during the VEGP 2R10 refueling outage (ASME Class 1 and Class 2 piping only).

By *Federal Register* Notice 64 FR 51370 dated September 22, 1999, 10CFR 50.55a(g)(6)(ii)(C), Implementation of Appendix VIII to Section XI, was incorporated into the rule to expedite implementation of Appendix VIII. The specific Supplements of Appendix VIII to Section XI, ASME Boiler and Pressure Vessel Code, 1995 Edition with the 1996 Addenda were implemented prior to the 2R10 maintenance/refueling outage as required.

In addition to the summary of inservice inspection activities, this report addresses Code-applicable repairs and replacements documented at VEGP-2 since 2R9 through the end of 2R10. The Owner's Reports for Repairs or Replacements (Form NIS-2) are provided herein.

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

### **Class 1 Examinations**

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

- Reactor Pressure Vessel (RPV) Closure Head and Interior Surfaces,
- Steam Generator Primary Nozzle Inner Radii, Channel Head Weld, and Manway Bolting, and
- Piping welds.

During the scope of VEGP-2 examinations conducted, no Class 1 components were observed to have either reportable UT, MT or VT indications.

In addition to components already identified in current requests for relief, two (2) piping welds had limited volumetric coverage during UT 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. Relief from the ASME Section XI Code requirements will be requested from the NRC for the affected welds through the relief request process as allowed by 10 CFR 50.55a. The applicable welds are indicated by "Relief Required" in the combined Class 1 and 2 Weld Examination table.

The Eddy Current (ET) examinations of steam generator tubing, as required by VEGP Technical Specification 5.5.9, were performed by Westinghouse and are discussed in the "Augmented Inspections" portion of this document.

### **Class 1 Pressure Test**

Table IWB-2500-1, Examination Category B-P, of ASME Section XI requires the performance of a system leakage test (IWB-5221) each refueling outage. This system leakage test (LT-1) was performed prior to plant startup following the refueling outage. These visual examinations revealed minor boron residues at mechanical connections which were determined acceptable for continued system operation.

ASME Section XI, Subparagraph IWA-5242(a) requires removal of insulation from pressure-retaining bolted connections for VT-2 examination during system pressure testing for systems borated for the purposes of controlling reactivity. ASME Section XI Code Cases N-533-1 and N-616 were utilized during the refueling outage. These Code Cases were approved for use in Revision 13 of Regulatory Guide 1.147 dated June 2003. Case N-533-1 allows insulation to be removed while the connections are at atmospheric or static pressures. With the insulation removed a direct visual examination is performed to detect previously occurring leakage through the presence of boric acid crystals. Case N-616 allows the VT-2 examination to occur without insulation removal provided the bolting material is resistant to boric acid degradation.

The test boundary of the system leakage test includes both Class 1 and Class 2 components. The frequency for removal of insulation and direct visual examination for Class 1 pressure-retaining bolted connections is once each refueling outage (refer to Table IWB-2500-1, Examination Category B-P) and as such those activities occurred during the refueling outage. The Class 2 components comprise part of the reactor coolant pressure boundary but are not required to be classified as Class 1 per 10CFR50.55a(c)(2). The frequency for removal of insulation and direct visual examination for Class 2 pressure-retaining bolted connections is once each inspection period (refer to Table IWC-2500-1, Examination Category C-H). For the second inspection period those activities occurred either before or during the last refueling outage which was 2R9.

### **Class 2 Examinations**

Selected Class 2 components were examined utilizing UT and MT, as applicable. Specific components and examination areas are itemized in the applicable portions of this report document. A summary of those components examined are listed below:

- Steam Generator Nozzle Welds, and
- Piping Welds.

During the scope of VEGP-2 examinations conducted, no Class 2 components were observed to have either reportable UT or MT indications.

In addition to components already identified in current requests for relief, one (1) equipment weld and four (4) piping welds had limited volumetric coverage during UT 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. Relief from the ASME Section XI Code requirements will be requested from the NRC for the affected welds through the relief request process as allowed by 10 CFR 50.55a. The applicable welds are indicated by "Relief Required" in the combined Class 1 and 2 Weld Examination table.

## Class 2 Pressure Tests

ASME Section XI, Table IWC-2500-1, Examination Category C-H requires system pressure testing each inspection period. 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 boron residue or minor leakage at mechanical joints such as pump seals, flanged connections, and valve stem packing. These conditions were either corrected or evaluated and determined acceptable for continued system operation.

ASME Section XI, Subparagraph IWA-5242(a) requires removal of insulation from pressure-retaining bolted connections for VT-2 examination during system pressure testing for systems borated for the purposes of controlling reactivity. ASME Section XI Code Cases N-533-1 and N-616 were utilized during the refueling outage. These Code Cases were approved for use in Revision 13 of Regulatory Guide 1.147 dated June 2003. Case N-533-1 allows insulation to be removed while the connections are at atmospheric or static pressures. With the insulation removed a direct visual examination is performed to detect previously occurring leakage through the presence of boric acid crystals. Case N-616 allows the VT-2 examination to occur without insulation removal provided the bolting material is resistant to boric acid degradation.

## Class 1 and 2 Component Supports

Visual examinations were performed on supports for the following Class 1 and 2 components:

- Reactor Coolant System Equipment and Piping (1201),
- Nuclear Service Cooling Water Piping (1202),
- Safety Injection System Equipment and Piping (1204),
- Chemical and Volume Control System Equipment and Piping (1208), and
- Containment Heat Removal System Piping (1501)

The visual examinations resulted in no supports having unacceptable conditions.

### **Class MC and CC Examinations and Tests (IWE/IWL)**

During the VEGP-2 spring 2004 maintenance/refueling outage, examinations of Class MC components were performed in response to the NRC rulemaking to 10 CFR 50.55a, in which the requirements of Subarticles IWE and IWL to the 1992 Edition of the ASME Section XI with the 1992 Addenda were invoked. There were no degradations found meeting the reporting requirements for Class MC components described in 10 CFR 50.55a(b)(2)(ix)(A) or 10 CFR 50.55a(b)(2)(ix)(D)(1).

There were no examinations of Class CC components performed during the VEGP-2 spring 2004 maintenance/refueling outage.

## **Technical Specification 5.5.9 - Steam Generator Tube Inspections**

### **NOTE**

The following discussion on the steam generator tubing inspections, in addition to fulfilling the reporting requirements of ASME Section XI for Inservice Inspection activities, constitutes the report required by VEGP Technical Specification 5.6.10.b to be submitted to the NRC within twelve (12) months following completion of the steam generator tube inspections. Accordingly, a separate submittal is not being made to the NRC on the inspection of the steam generator tubes performed during the tenth maintenance/refueling outage (2R10) at VEGP-2.

### **Introduction**

During 2R10, the Steam Generator Maintenance Services Group of the Westinghouse Nuclear Services Division performed eddy current testing of two (2) Westinghouse Model F steam generators (SGs), numbers 2 and 3, in parallel from April 19 to May 10, 2004. At the start of 2R10 each generator had 5626 tubes with seven (7) plugged tubes in SG 2 and one (1) plugged tube in SG 3. The base inspection scope for SGs 2 and 3 follows:

- 100% full length bobbin (except for Rows 1 and 2, which are inspected from tube end to TSP#7 from both HL and CL).
- 50% Hot leg TTS,  $\pm 3''$ , mid-range +Point examination of SGs 2 and 3
- 50% U-bend (Rows 1 and 2) +Point examination of SGs 2 and 3:
- Special interest +Point RPC examination of areas identified during the bobbin inspection.
- 100% of the dents and dings  $\geq 5$  volts (by bobbin) in the hot leg side straight length areas with +Point examination
- Special interest +Point RPC examination of areas related possible loose parts.
- Visual inspection of tube plugs.
- +Point RPC examination of tube sample possibly subject to Phosphate Chemistry excursion damage

In addition to the above 2R10 data collected, a review was performed of all 2R8 Bobbin data for SG 2 and 3 to look for an artifact that indicated susceptibility to SCC found at Seabrook. There were no similar indications found in the Vogtle Unit 2 Bobbin data for SGs 2 and 3. A review was also performed to identify any tubes with the Braidwood artifact. Only one tube exhibited the Braidwood artifact, however there were no potential ODS CC precursors signals reported and only 2 AVB scars were found (both less than 20%). This tube remains in service. In addition, no evidence of tube damage from the Phosphate Chemistry excursion was observed by RPC in the tubes selected.

This report satisfies the 12-month NRC report required by VEGP Technical Specification 5.6.10.b, in addition to fulfilling the ASME Section XI report for Inservice Inspection activities. Note that personnel qualifications, test equipment certifications, and calibration data are not in this report, but are contained in the Westinghouse Electric Company, Nuclear Service Division, Steam Generator Maintenance Services Field Service Report, MSR-FSR-1300-GBE. That report will be available at the plant site for review upon request.

### **Scope Expansion**

Several scope expansions were performed per EPRI Report 1003138, Pressurized Water Reactor Steam Generator Examination Guidelines, Table 3-2 due to discovery of outside diameter (OD) circumferential crack-like indications. Indications were initially identified in the transition area at the top of tubesheet in SG 2. Three OD circumferential crack-like indications were detected in SG 2 and three additional

indications in SG3. These indications were extensively inspected using RPC, slow speed RPC and magnetic bias RPC. Four of the six indications were confirmed with ultrasonic testing (reference WesDyne International UTEC Inspection Report SDI-JF-1302914-FSR-001). The scope expansions required by the Technical Specifications and Industry Guidelines resulted in the testing of 100% of the Hot Leg TTS, at  $\pm 3$ " with mid-range +Point in SGs 1 through 4, however none of the tubes identified with circumferential crack indications required the performance of in situ testing. In addition, two tubes were pulled in SG 2 (row 11/column 60 and 12/59) for laboratory testing due to the discovery of circumferential crack indications. These tubes were cut below the second support plate on the Hot Leg side. Welded plugs were installed on the Hot Leg and mechanical plugs were installed on the Cold Leg. The pulled tubes are currently being tested by Westinghouse with results to be available at a later date.

### **Tube Inspection Plan**

Steam generator tube inspections conducted during 2R10 met or exceeded the recommendations made in the EPRI report 1003138 -V1R6, "PWR Steam Generator Examination Guidelines", which were adopted by SNC for steam generator tube inspections. The VEGP inspection plan requires that 100% of the tube population be inspected from two steam generators each outage, except for rows 1 and 2 U-bends which are inspected in accordance with the RPC program. This inspection plan meets the requirements of 1003138-V1R6 and is required by site procedure 84002-C, "Steam Generator Inspections and Reports". As stated previously, the scope expansions also met the requirements of 1003138-V1R6.

The Eddy Current inspection program was conducted in accordance with Westinghouse Field Procedure MRS 2.4.2 GPC-3 Rev. 11, "Eddy Current Inspection of Preservice and Inservice Heat Exchanger Tubing." Inspection probes used were in accordance with Probe Authorization, Revision 1. The test configurations and acquisition rates were in accordance with the Eddy Current Acquisition Technique Sheets (ACTS).

### **Data Evaluation**

Data collection was performed by Westinghouse using ROSA and the TC6700 tester. Data was sent from the site via two T-1 lines in the ANSER software format to the Westinghouse Waltz Mill, Pennsylvania facility. Westinghouse and its subcontractors performed the primary analysis of the eddy current data using Automated Data Screening (ADS) and STMax software for Data Management. Zetec performed the secondary analysis of the eddy current data at their Issaquah, Washington facility utilizing the Eddynet Computer Data Screening (CDS) system. Resolutions were performed jointly by Westinghouse and Zetec at the Vogtle site. In addition, an SNC Level III was located at the Vogtle site to facilitate the resolution of eddy current data and to perform the duties of the independent qualified data analyst (QDA). ANSER software was used for acquisition, data quality monitoring and for primary and secondary analysis. SNC site-specific Data Analysis Guidelines and procedure MRS 2.4.2 GPC-37, Rev. 10, "Steam Generator Eddy Current Data Analysis Techniques for Vogtle Units 1 and 2", were used to perform the analysis.

### **Tube Wear**

Tables 2 - 5 list the locations and percent of wall thickness penetration for indications in all tubes having indications identified during the 2R10 inspection, including expansions.

### **Tube Plugging**

Eleven tubes were plugged as listed in Table 1 below. Two tubes in SG 4 were plugged for the confirmed SCI (Single Circumferential Indication) calls reported on them. Stabilizers were installed in the Hot Leg side of plugged tubes except SG 1 -52/71 (AVB wear) and SG 2 - 11/60 and 12/59 (pulled tubes in Hot



Leg). Mechanical plugs were used in all locations except for the two tube sections pulled on the Hot Leg side of SG 2. Welded plugs were installed in the tube sheet on the Hot Leg side for these tubes.

Mechanical tube plugging was performed in accordance with Westinghouse Field Procedure MRS 2.3.2 GPC-13 Rev. 3, Mechanical Plugging of Steam Generator Tubes for Vogtle Site (ROSA). The welded tube plugs were installed per Westinghouse Procedure MRS 2.3.2 GEN-6 Rev. 11, Weld Repair of Steam Generator Tubes/Plugs. Pursuant to Vogtle Technical Specification 5.6.10.a, a 15-day report was submitted to the NRC and identified the number of steam generator tubes plugged during 2R10. The subject report was submitted to the NRC by SNC letter NL-04-0908, dated 5/20/04.

**TABLE 1  
VOGTLE 2R10 TUBE PLUGGING**

SG 1	SG 2	SG 3	SG 4
11/64-TSH (SCI)	3/7-TSH (PVN) 52/71-AV4 (43%) 12/59-TSH (SCI) 11/60-TSH (SCI) 17/68-TSH (SCI)	11/65-TSH (SCI) 14/56-TSH (SCI) 46/89-TSH (SCI)	11/50-TSH (SCI) 14/67-TSH (SCI)

SCI – Single Circumferential Indication  
TSH – Tube Sheet Hot

AV4 – Anti-Vibration Bar 4 Location  
PVN – Permeability Variation

#### **Final Results**

AVB wear is the only systematic degradation mechanism that has been observed at Vogtle 2. Based on application of conservative AVB wear growth rates, the condition of the Vogtle 2 SG tubes have been analyzed with respect to continued operability of the SGs until the end of Cycle 12, without exceeding the structural integrity recommendations. The growth rates were determined by comparative analysis of AVB wear sites from 2R8 and 2R10 for SGs 2 and 3 and between 2R7 and 2R9 for SGs 1 and 4. The growth values obtained were not large enough to present a likelihood that conditions exceeding the structural limit would occur during the estimated 2.8 EFPY operating interval from 2R10 to EOC-12 for SGs 2 and 3, nor during the estimated 2.82 EFPY operating interval from 2R9 to EOC-11 for SGs 1 and 4. The conclusion for SGs 1 and 4 will be re-evaluated based on the data from 2R11.

The OD circumferential indications listed in Table 1 were evaluated by Westinghouse. The predicted minimum burst pressure at the end of the upcoming operating cycle exceeds 6200 psid at 90% probability, 50% confidence compared to the 3-NOP requirement of 3780 psid. Preliminary analysis shows no leakage is expected from any of the indications at the end of the upcoming operating cycle. Therefore, the requirements for the Operational Assessment are satisfied.

Attached are the Westinghouse tables listing the percent of wall thickness penetration for indications identified during the 2R10 inspection in Steam Generators 1 through 4.

# TABLE 2 - SG1 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

Page 1 of 1

SG - 1 LISTING OF UZR10 PERCENT THROUGH WALL CALLS (TEC1 SPEC REPORTING REQUIREMENT)

Version: 2 UZR10

GBE 20040401

06/22/2004 12:13:33

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	DEG	SECT	ENDT	PDIA	PTYPE	CAL	LI
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	DEG	SECT	ENDT	PDIA	PTYPE	CAL	LI

Totals: 0 Records: 0

TABLE 3 – SG2 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

Page 1 of 2

30 - 2 LISTING OF UZR10 PERCENT THROUGH WALL INDICATIONS (TECH SPEC REPORTING REQUIREMENT)

Vogtle 2 UZR10

L91 20040401

05/22/2024 12:18:05

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCH	INCH1	INCH2	I	ORLEN	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	LI
29	10	.03	0	PCT	10	P2	AV0	.00					TEH	TEC	.500	RBARH	20	C
34	12	.20	0	PCT	10	P2	AV3	.00					TEH	TEC	.500	RBARH	24	C
36	14	.20	0	PCT	10	P2	AV4	.00					TEH	TEC	.500	RBARH	24	C
38	15	.21	0	PCT	10	P2	AV2	-.26					TEH	TEC	.500	RBARH	20	C
42	19	.40	0	PCT	10	P2	AV3	-.08					TEH	TEC	.500	RBARH	60	C
42	19	.40	0	PCT	10	P2	AV4	-.08					TEH	TEC	.500	RBARH	60	C
42	19	.32	0	PCT	12	P2	AV5	-.10					TEH	TEC	.500	RBARH	60	C
43	20	.23	0	PCT	5	P2	AV1	.00					TEH	TEC	.500	RBARH	30	C
43	20	.25	0	PCT	12	P2	AV2	.00					TEH	TEC	.500	RBARH	30	C
53	20	.10	0	PCT	10	P2	AV3	.00					TEH	TEC	.500	RBARH	24	C
50	29	.50	0	PCT	15	P2	AV0	.00					TEH	TEC	.500	RBARH	30	C
54	30	.34	0	PCT	13	P2	AV1	.00					TEH	TEC	.500	RBARH	20	C
54	30	.33	0	PCT	13	P2	AV4	.00					TEH	TEC	.500	RBARH	20	C
30	39	.34	0	PCT	15	P2	AV3	.00					TEH	TEC	.500	RBARH	24	C
38	39	.35	0	PCT	15	P2	AV4	.00					TEH	TEC	.500	RBARH	24	C
38	39	.45	0	PCT	10	P2	AV0	.00					TEH	TEC	.500	RBARH	24	C
39	43	.42	0	PCT	15	P2	AV2	.00					TEH	TEC	.500	RBARH	4	C
39	43	.03	0	PCT	17	P2	AV3	.00					TEH	TEC	.500	RBARH	4	C
39	43	.36	0	PCT	13	P2	AV4	.00					TEH	TEC	.500	RBARH	4	C
39	43	.20	0	PCT	11	P2	AV5	.00					TEH	TEC	.500	RBARH	4	C
39	43	.30	0	PCT	15	P2	AV2	.00					TEH	TEC	.500	RBARH	20	C
39	43	.55	0	PCT	20	P2	AV3	.00					TEH	TEC	.500	RBARH	20	C
39	43	.34	0	PCT	14	P2	AV4	.00					TEH	TEC	.500	RBARH	20	C
39	43	.22	0	PCT	10	P2	AV5	.00					TEH	TEC	.500	RBARH	20	C
39	44	.32	0	PCT	11	P2	AV5	.00					TEH	TEC	.500	RBARH	4	C
39	44	.25	147	PCT	10	P2	AV5	-.12					TEH	TEC	.500	RBARH	20	C
40	40	.02	0	PCT	19	P2	AV4	.00					TEH	TEC	.500	RBARH	34	C
40	40	.02	0	PCT	12	P2	AV5	.00					TEH	TEC	.500	RBARH	34	C
42	50	.35	0	PCT	13	P2	AV2	.00					TEH	TEC	.500	RBARH	34	C
40	54	.20	0	PCT	11	P2	AV3	.00					TEH	TEC	.500	RBARH	34	C
69	56	.35	0	PCT	13	P2	AV4	.00					TEH	TEC	.500	RBARH	20	C
40	50	.40	0	PCT	17	P2	AV2	.00					TEH	TEC	.500	RBARH	34	C
40	50	1.17	0	PCT	20	P2	AV3	.00					TEH	TEC	.500	RBARH	34	C
40	50	.35	0	PCT	13	P2	AV4	.00					TEH	TEC	.500	RBARH	34	C
40	50	1.49	0	PCT	32	P2	AV5	.00					TEH	TEC	.500	RBARH	34	C
40	50	.31	0	PCT	12	P2	AV0	.00					TEH	TEC	.500	RBARH	34	C
43	64	.30	0	PCT	14	P2	AV1	.00					TEH	TEC	.500	RBARH	40	C
60	70	.25	0	PCT	10	P2	AV2	-.22					TEH	TEC	.500	RBARH	64	C
61	71	.30	0	PCT	13	P2	AV0	-.16					TEH	TEC	.500	RBARH	76	C
62	71	.23	0	PCT	10	P2	AV1	.30					TEH	TEC	.500	RBARH	74	C
62	71	.32	0	PCT	13	P2	AV2	.30					TEH	TEC	.500	RBARH	74	C
62	71	1.00	0	PCT	31	P2	AV3	.00					TEH	TEC	.500	RBARH	74	C
62	71	2.00	0	PCT	43	P2	AV4	.00					TEH	TEC	.500	RBARH	72	C
62	71	.50	0	PCT	20	P2	AV0	.20					TEH	TEC	.500	RBARH	74	C
44	72	.37	0	PCT	14	P2	AV0	.00					TEH	TEC	.500	RBARH	42	C
51	72	.30	0	PCT	11	P2	AV3	.05					TEH	TEC	.500	RBARH	40	C
61	72	.22	0	PCT	9	P2	AV4	.03					TEH	TEC	.500	RBARH	40	C
61	72	.25	0	PCT	10	P2	AV5	.03					TEH	TEC	.500	RBARH	40	C
47	72	.30	0	PCT	12	P2	AV1	.00					TEH	TEC	.500	RBARH	42	C
40	73	.44	0	PCT	14	P2	AV5	.00					TEH	TEC	.500	RBARH	46	C
40	73	.34	0	PCT	12	P2	AV0	.00					TEH	TEC	.500	RBARH	46	C
43	73	.07	0	PCT	20	P2	AV4	-.00					TEH	TEC	.500	RBARH	42	C
62	73	.10	0	PCT	7	P2	AV2	.14					TEH	TEC	.500	RBARH	42	C
62	73	.61	0	PCT	20	P2	AV3	.00					TEH	TEC	.500	RBARH	42	C

TABLE 3 - SG2 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

SG - 2 LISTING OF U2K10 PERCENT THROUGH WALL INDICATIONS (TECH SPEC REPORTING REQUIREMENT)

VOLUME 2 U2K10

GSE 22040401

06/22/2004 12:10:03

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CHEN	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L
52	73	1.07	0	PCT	30	P2	AV4	.00					TEH	ILU	.560	RBAR-1	42	C
52	73	1.08	0	PCT	27	P2	AV5	.00					TEH	TEC	.560	RBAR-1	42	C
52	73	1.17	0	PCT	20	P2	AV6	.00					TEH	TEC	.560	RBAR-1	42	C
38	74	.34	0	PCT	12	P2	AV2	-.05					TEH	TEC	.560	RBAR-1	46	C
39	74	.47	0	PCT	16	P2	AV3	-.05					TEH	TEC	.560	RBAR-1	46	C
42	74	1.27	0	PCT	31	P2	AV2	.00					TEH	TEC	.560	RBAR-1	42	C
42	74	.73	0	PCT	22	P2	AV3	-.05					TEH	TEC	.560	RBAR-1	42	C
42	74	.31	0	PCT	12	P2	AV6	-.13					TEH	TEC	.560	RBAR-1	42	C
43	74	.56	0	PCT	20	P2	AV3	-.03					TEH	TEC	.560	RBAR-1	40	C
51	74	.49	0	PCT	14	P2	AV3	.03					TEH	TEC	.560	RBAR-1	40	C
51	74	.32	0	PCT	12	P2	AV4	.16					TEH	TEC	.560	RBAR-1	40	C
51	74	.13	0	PCT	5	P2	AV5	-.14					TEH	TEC	.560	RBAR-1	40	C
57	79	.07	0	PCT	10	P2	AV3	.00					TEH	TSC	.560	RBAR-1	40	C
57	79	.30	0	PCT	11	P2	AV4	-.03					TEH	TSC	.560	RBAR-1	40	C
57	79	.22	0	PCT	10	P2	AV3	-.03					TEH	TEC	.560	RBAR-1	40	C
57	79	.22	0	PCT	12	P2	AV4	-.04					TEH	TEC	.560	RBAR-1	40	C
38	81	.31	0	PCT	11	P2	AV0	.00					TEH	TEC	.560	RBAR-1	46	C
54	82	.20	0	PCT	11	P2	AV5	-.05					TEH	TEC	.560	RBAR-1	40	C
55	84	.00	0	PCT	8	P2	AV1	-.10					TEH	TEC	.560	RBAR-1	40	C
55	84	.31	0	PCT	12	P2	AV4	.00					TEH	TEC	.560	RBAR-1	40	C
54	86	.26	07	PCT	8	P2	AV4	.00					TEH	TEC	.560	RBAR-1	40	C
51	87	.46	0	PCT	16	P2	AV2	.00					TEH	TEC	.560	RBAR-1	40	C
51	87	.48	0	PCT	16	P2	AV3	-.03					TEH	TEC	.560	RBAR-1	40	C
51	87	.53	0	PCT	17	P2	AV4	-.10					TEH	TEC	.560	RBAR-1	40	C
51	87	1.23	0	PCT	29	P2	AV5	-.13					TEH	TEC	.560	RBAR-1	40	C
39	88	.30	0	PCT	11	P2	AV4	.00					TEH	TEC	.560	RBAR-1	44	C
42	88	.31	0	PCT	12	P2	AV2	.00					TEH	TEC	.560	RBAR-1	42	C
53	88	.34	0	PCT	12	P2	AV4	.05					TEH	TEC	.560	RBAR-1	40	C
53	88	.45	0	PCT	15	P2	AV5	.00					TEH	TEC	.560	RBAR-1	40	C
50	89	.23	0	PCT	9	P2	AV3	.00					TEH	TEC	.560	RBAR-1	42	C
50	89	.22	0	PCT	9	P2	AV4	.00					TEH	TEC	.560	RBAR-1	42	C
50	89	.33	0	PCT	13	P2	AV5	-.10					TEH	TEC	.560	RBAR-1	42	C
50	89	.34	0	PCT	13	P2	AV6	-.11					TEH	TEC	.560	RBAR-1	42	C
51	89	.46	0	PCT	16	P2	AV4	-.13					TEH	TEC	.560	RBAR-1	40	C
51	89	.91	0	PCT	25	P2	AV5	.00					TEH	TEC	.560	RBAR-1	40	C
51	89	.49	0	PCT	16	P2	AV6	-.06					TEH	TEC	.560	RBAR-1	40	C
51	90	.42	0	PCT	14	P2	AV4	.05					TEH	TEC	.560	RBAR-1	40	C
51	90	.30	0	PCT	14	P2	AV5	.00					TEH	TEC	.560	RBAR-1	40	C
53	90	.38	0	PCT	13	P2	AV4	.00					TEH	TEC	.560	RBAR-1	40	C
53	90	.25	0	PCT	10	P2	AV5	-.13					TEH	TEC	.560	RBAR-1	40	C
49	91	.64	0	PCT	20	P2	AV2	-.08					TEH	TEC	.560	RBAR-1	40	C
51	91	.35	0	PCT	13	P2	AV5	-.03					TEH	TEC	.560	RBAR-1	40	C
51	91	.34	0	PCT	12	P2	AV0	-.10					TEH	TEC	.560	RBAR-1	40	C
36	106	.36	0	PCT	17	P2	AV4	.00					TEH	TEC	.560	RBAR-1	40	C
39	107	.24	0	PCT	9	P2	AV2	.00					TEH	TEC	.560	RBAR-1	44	C
28	115	.36	0	PCT	15	P2	AV1	.00					TEH	TEC	.560	RBAR-1	40	C
20	115	.69	0	PCT	23	P2	AV6	.00					TEH	TEC	.560	RBAR-1	40	C
12	121	.28	0	PCT	12	P2	AV6	-.10					TEH	TEC	.560	RBAR-1	40	C
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CHEN	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	L

TABLE 4 - SG3 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

Pg 1 of 1

53 - 3 LISTING OF U2R10 PERCENT THROUGH WALL INDICATIONS (TECH SPEC REPORTING REQUIREMENTS)

Voyage 2 U2R10

GDE 20740431

06/22/2004 12:19:46

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CEG	REGT	ENDT	PDIA	PTYPE	CAL	L1
32	12	.24	0	PCT	7	P2	AVP	.00					TEH	TEC	.500	RBARH	12	C1
32	12	.45	0	PCT	15	P2	AV5	.11					TEH	TEC	.500	RBARH	12	C1
34	13	.61	0	PCT	18	P2	AV5	.14					TEH	TEC	.500	RBARH	10	C1
32	16	.32	0	PCT	18	P2	AV2	.03					TEH	TEC	.500	RBARH	12	C1
41	19	.30	0	PCT	9	P2	AV4	.03					TEH	TEC	.500	RBARH	10	C1
44	21	.26	0	PCT	9	P2	AV4	.03					TEH	TEC	.500	RBARH	14	C1
44	21	.28	0	PCT	18	P2	AV3	.25					TEH	TEC	.500	RBARH	14	C1
50	20	.29	0	PCT	19	P2	AV4	.05					TEH	TEC	.500	RBARH	14	C1
40	32	.70	0	PCT	14	P2	AV3	.09					TEH	TEC	.500	RBARH	40	C1
51	35	.29	0	PCT	11	P2	AV5	.08					TEH	TEC	.500	RBARH	20	C1
54	38	.41	0	PCT	13	P2	AV5	.03					TEH	TEC	.500	RBARH	20	C1
57	48	.44	0	PCT	14	P2	AV4	.00					TEH	TEC	.500	RBARH	25	C1
57	48	.43	0	PCT	15	P2	AV5	.00					TEH	TEC	.500	RBARH	25	C1
57	48	.47	0	PCT	17	P2	AV5	.00					TEH	TEC	.500	RBARH	20	C1
57	49	.28	0	PCT	18	P2	AV4	.05					TEH	TEC	.500	RBARH	20	C1
58	49	.32	0	PCT	11	P2	AV1	.20					TEH	TEC	.500	RBARH	25	C1
58	49	.40	0	PCT	14	P2	AV5	.00					TEH	TEC	.500	RBARH	25	C1
58	49	.41	0	PCT	14	P2	AV8	.00					TEH	TEC	.500	RBARH	25	C1
42	63	.19	0	PCT	6	P2	AV4	.08					TEH	TEC	.500	RBARH	20	C1
39	72	.29	0	PCT	11	P2	AV2	.00					TEH	TEC	.500	RBARH	30	C1
39	72	.37	0	PCT	13	P2	AV3	.00					TEH	TEC	.500	RBARH	30	C1
39	72	.28	0	PCT	10	P2	AV4	.00					TEH	TEC	.500	RBARH	30	C1
41	77	.00	0	PCT	18	P2	AV4	.32					TEH	TEC	.500	RBARH	34	C1
41	77	.43	0	PCT	15	P2	AV5	.05					TEH	TEC	.500	RBARH	24	C1
57	78	.27	0	PCT	10	P2	AV2	.00					TEH	TEC	.500	RBARH	30	C1
56	82	.57	0	PCT	18	P2	AV2	.00					TEH	TEC	.500	RBARH	35	C1
56	82	1.25	0	PCT	20	P2	AV3	.00					TEH	TEC	.500	RBARH	35	C1
56	82	.60	0	PCT	20	P2	AV4	.00					TEH	TEC	.500	RBARH	35	C1
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CEG	REGT	ENDT	PDIA	PTYPE	CAL	L1

Totals: 18 Records: 20

TABLE 5 - SG4 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

Pg 1 of 1

SG 4 LISTING OF UZK10 PERCENT THROUGH WALL INDICATIONS (TECH SPEC REPORTING REQUIREMENTS)

VOLUME 2 UZK10

USE 22040401

06/22/2024 12:25:10

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	LI
12	07	.01	100	PCT	10	8	TSH	.32					TSH	TSH	.600	2P5NM	80	H
13	07	.15	300	PCT	13	3	TSH	.12					TSH	TSH	.600	2P5NM	59	H
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	I	CRLEN	CEG	BEGT	ENDT	PDIA	PTYPE	CAL	LI

Total: 2 Records: 2

VEGP-2 TENTH MAINTENANCE / REFUELING OUTAGE  
CLASS 1 AND 2 WELD EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	RI ITEM / RI SEGMENT	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B2.40 B-B			21201-B6-004-W08 TUBE PLATE TO CHANNEL HEAD	ES-MISN-V-411	410A	S04V2U583 S04V2U584 S04V2U585 S04V2U586	NRI NRI NRI NRI	UT EXAM LIMITED (80%) REFERENCE RR-6
B3.140 B-D		RR-6	21201-B6-003-IR-01 INLET NOZZLE INNER RADIUS	ES-MISN-V-715		S04V2V068	SAT	N/A
B3.140 B-D		RR-6	21201-B6-003-IR-02 OUTLET NOZZLE INNER RADIUS	ES-MISN-V-715		S04V2V069	SAT	N/A
B7.30 B-G-2			21201-B6-002-B01 - B32 PRIMARY MANWAY BOLTING	ES-MISN-V-715		S04V2V044	SAT	N/A
B7.30 B-G-2			21201-B6-003-B01 - B32 PRIMARY MANWAY BOLTING	ES-MISN-V-715		S04V2V045	SAT	N/A
B8.10 B-H			21201-V6-001-W205 LIFTING LUG AT 120 DEGREES	ES-MISN-V-505		S04V2M001	NRI	MT EXAM LIMITED (50%) REFERENCE RR-4
B9.11 B-J	R1.11 2RCS-005		21201-005-8 31" ELBOW TO NOZZLE	ES-MISN-V-406	329A	S04V2U555 S04V2U556	RI NRI	UT RI / GEO
B9.11 B-J	R1.11 2RCS-008		21201-008-8 31" ELBOW TO NOZZLE	ES-MISN-V-406	329A	S04V2U557 S04V2U558	RI NRI	UT RI / GEO
B9.11 B-J	R1.11 2RCS-018		21201-030-1 4" BRANCH CONNECTION TO PIPE	ES-MISN-V-481	303A	S04V2U563	NRI	N/A
B9.11 B-J	R1.11 2RCS-027		21201-053-4 16" PIPE TO REDUCER	ES-MISN-V-481	316A	S04V2U564	RI	UT RI / GEO
B9.11 B-J	R1.16 2SI-059A		21204-021-16 6" PIPE TO VALVE	ES-MISN-V-481	304A	S04V2U551 S04V2U552	NRI RI	UT RI / GEO UT EXAM LIMITED (50%) RELIEF REQUIRED

VEGP-2 TENTH MAINTENANCE / REFUELING OUTAGE  
CLASS 1 AND 2 WELD EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	RI ITEM / RI SEGMENT	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B9.11 B-J	R1.11 2RCS-053		21204-021-20 6" PIPE TO ELBOW	ES-MISN-V-481	304A	S04V2U553 S04V2U554	NRI NRI	N/A
B9.11 B-J	R1.16 2SI-056A		21204-023-15 6" PIPE TO VALVE	ES-MISN-V-481	304A	S04V2U541 S04V2U542	RI RI	UT RI / GEO UT EXAM LIMITED (50%) RELIEF REQUIRED
B9.21 B-J	R1.11 2RCS-042A		21201-059-15 3" ELBOW TO ELBOW	ES-MISN-V-481	334A	S04V2U543 S04V2U544	NRI T & C	N/A
B9.21 B-J	R1.11 2RCS-042B		21201-060-4 3" ELBOW TO ELBOW	ES-MISN-V-481	334A	S04V2U545 S04V2U546	NRI T & C	N/A
B9.21 B-J	R1.11 2RCS-058		21208-007-6 3" PIPE TO BRANCH CONNECTION	ES-MISN-V-481	334A	S04V2U561 S04V2U562	NRI T & C	N/A
B9.21 B-J	R1.11 2RCS-057		21208-009-6 3" PIPE TO BRANCH CONNECTION	ES-MISN-V-481	334A	S04V2U559 S04V2U560	NRI T & C	N/A
B13.10 B-N-1		FSAR 5.3.3.7	21201-V6-001-I02 VESSEL CLOSURE HEAD INTERIOR (FSAR 5.3.3.7)	ES-MISN-V-735		S04V2V046	SAT	N/A
B16.20 B-Q		TS 5.5.9	21201-B6-001-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES	VENDOR	806A,B,C,D, 807A,B			N/A
B16.20 B-Q		TS 5.5.9	21201-B6-002-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES	VENDOR	806A,B,C,D, 807A,B			N/A
B16.20 B-Q		TS 5.5.9	21201-B6-003-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES	VENDOR	806A,B,C,D, 807A,B			N/A



VEGP-2 TENTH MAINTENANCE / REFUELING OUTAGE  
CLASS 1 AND 2 WELD EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	RI ITEM / RI SEGMENT	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B16.20 B-Q		TS 5.5.9	21201-B6-004-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES	VENDOR	806A,B,C,D, 807A,B			N/A
C2.21 C-B			21201-B6-004-W26 6" AUX FEEDWATER NOZZLE TO SHELL WELD	ES-MISN-V-411 ES-MISN-V-505	409A	S04V2M002 S04V2U567 S04V2U568 S04V2U569 S04V2U570	NRI NRI NRI NRI NRI	UT EXAM LIMITED (50%) RELIEF REQUIRED
C5.11 C-F-1	R1.11 2SI-071A		21204-001-8 12" ELBOW TO PIPE	ES-MISN-V-481	341A	S04V2U508	NRI	N/A
C5.11 C-F-1	R1.11 2SI-072A		21204-006-80 12" ELBOW TO PIPE (AI 87-0131)	ES-MISN-V-481	341A	S04V2U509	NRI	N/A
C5.11 C-F-1	R1.11 2CS-029A		21204-007-1 10" ECC. REDUCER TO PIPE	ES-MISN-V-481	340A	S04V2U512 S04V2U513	NRI T & C	N/A
C5.11 C-F-1	R1.11 2SI-032		21204-008-10 8" PIPE TO VALVE (AI 87-0131)	ES-MISN-V-481	414A	S04V2U514 S04V2U515 S04V2U516	NRI NRI T & C	UT EXAM LIMITED (50%) RELIEF REQUIRED
C5.11 C-F-1	R1.11 2CS-031		21204-038-1 14" BRANCH CONNECTION TO PIPE (AI 87-0131)	ES-MISN-V-481	343A	S04V2U510	NRI	N/A
C5.11 C-F-1	R1.11 2CS-030		21204-038-16 10" PIPE TO ELBOW	ES-MISN-V-481	340A	S04V2U517	NRI	N/A
C5.11 C-F-1	R1.11 2SI-019		21204-039-1 8" VALVE TO PIPE	ES-MISN-V-481	305A	S04V2U527 S04V2U528	NRI NRI	UT EXAM LIMITED (50%) RELIEF REQUIRED
C5.11 C-F-1	R1.11 2SI-020		21204-041-2 8" PIPE TO PIPE	ES-MISN-V-481	305A	S04V2U565 S04V2U566	NRI T & C	N/A

VEGP-2 TENTH MAINTENANCE / REFUELING OUTAGE  
CLASS 1 AND 2 WELD EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	RI ITEM / RI SEGMENT	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
C5.11 C-F-1	R1.11 2SI-031		21204-192-4 8" PIPE TO BRANCH CONNECTION	ES-MISN-V-481	414A	S04V2U505 S04V2U506 S04V2U507	NRI NRI T & C	UT EXAM LIMITED (50%) RELIEF REQUIRED
C5.11 C-F-1	R1.11H 2RHR-011A		21205-007-18 8" TEE TO PIPE	ES-MISN-V-481	414A	S04V2U525 S04V2U526	NRI T & C	N/A
C5.11 C-F-1	R1.11H 2RHR-012A		21205-008-17 8" TEE TO PIPE	ES-MISN-V-481	414A	S04V2U518 S04V2U519	NRI T & C	N/A
C5.11 C-F-1	R1.11 2RHR-013A		21205-009-13 8" PIPE TO ELBOW	ES-MISN-V-481	414A	S04V2U520 S04V2U521	NRI T & C	N/A
C5.11 C-F-1	R1.11 2RHR-013A		21205-010-12 12" PIPE TO ELBOW (AI 87-0131)	ES-MISN-V-481	341A	S04V2U511	NRI	N/A
C5.21 C-F-1	R1.11 2SI-064		21204-063-21 4" PIPE TO REDUCER	ES-MISN-V-481	303A	S04V2U522 S04V2U523 S04V2U524	NRI NRI T & C	N/A
C5.21 C-F-1	R1.13 2CV-110		21208-005-CV110 3" PIPE DS (FO-0200, 201, 202)	ES-MISN-V-465		S04V2U550 S04V2U578	NA NA	UT EXAM LIMITED (78%) - NO RELIEF REQUIRED PER SNC ISI/RI ENGINEERING. UT READINGS BELOW ACTION LEVEL. REFERENCE INF 104V2001 FOR DISPOSITION.
C5.51 C-F-2	R1.11 2MS-007D	TS 5.5.16	21301-004-1 PENETRATION TO 28" PIPE (TS 5.5.16)	ES-MISN-V-480	313A	S04V2U574	NRI	N/A
C5.51 C-F-2	R1.11 2MS-007D	TS 5.5.16	21301-004-10 29 1/2" PIPE TO VALVE (TS 5.5.16)	ES-MISN-V-480	314A	S04V2U580	NRI	UT EXAM LIMITED (75%) RELIEF REQUIRED

VEGP-2 TENTH MAINTENANCE / REFUELING OUTAGE  
CLASS 1 AND 2 WELD EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	RI ITEM / RI SEGMENT	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
C5.51 C-F-2	R1.11 2MS-007D	TS 5.5.16	21301-004-2 28" PIPE TO PIPE (TS 5.5.16)	ES-MISN-V-480	313A	S04V2U575	NRI	N/A
C5.51 C-F-2	R1.11 2MS-007D	TS 5.5.16	21301-004-3 28" PIPE TO 29 1/2" PIPE (TS 5.5.16)	ES-MISN-V-480	313A, 314A	S04V2U576 S04V2U577	NRI NRI	N/A
C5.51 C-F-2	R1.11 2MS-010D		21301-004-5 6" OUTLET TO FLANGE	ES-MISN-V-480	308A	S04V2U581 S04V2U582	NRI NRI	N/A
C5.51 C-F-2	R1.11 2MS-019D		21301-016-1 10" BRANCH CONNECTION TO PIPE	ES-MISN-V-480	310A	S04V2U579	NRI	N/A
C5.51 C-F-2	R1.11 2FW-014A	TS 5.5.16	21305-058-7 16" VALVE TO PIPE (TS 5.5.16)	ES-MISN-V-480	311A	S04V2U571 S04V2U572	NRI RI	UT RI / GEO
C5.51 C-F-2	R1.11 2FW-014A	TS 5.5.16	21305-058-8 16" PIPE TO PENETRATION (TS 5.5.16)	ES-MISN-V-480	311A	S04V2U573	NRI	N/A

VEGP-2 TENTH MAINTENANCE / REFUELING OUTAGE  
CLASS 1 AND 2 SUPPORT EXAMINATIONS

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	1	12	21201-049-H024 STRUT	ES-MISN-V-735	S04V2V064	SAT	N/A
F-A	1	12	21201-049-H027 STRUT	ES-MISN-V-735	S04V2V065	SAT	N/A
F-A	1	16	21201-053-H002 STRUT	ES-MISN-V-735	S04V2V070	SAT	N/A
F-A	1	0	21201-P6-004-SP01 Pump support	ES-MISN-V-735	S04V2V061	SAT	N/A
F-A	1	0	21201-P6-004-SP02 Pump support	ES-MISN-V-735	S04V2V062	SAT	N/A
F-A	1	0	21201-P6-004-SP03 Pump support	ES-MISN-V-735	S04V2V063	SAT	N/A
F-A	1	3	21204-076-H010 STRUT	ES-MISN-V-735	S04V2V035	SAT	N/A
F-A	1	3	21204-076-H011 RESTRAINT	ES-MISN-V-735	S04V2V036	SAT	N/A
F-A	1	3	21204-076-H014 RESTRAINT	ES-MISN-V-735	S04V2V037	SAT	N/A
F-A	1	3	21204-076-H015 RESTRAINT	ES-MISN-V-735	S04V2V038	SAT	N/A
F-A	1	3	21204-076-H017 RESTRAINT	ES-MISN-V-735	S04V2V039	SAT	N/A
F-A	1	3	21204-076-H019 RESTRAINT	ES-MISN-V-735	S04V2V040	SAT	N/A
F-A	1	3	21204-076-H021 RESTRAINT	ES-MISN-V-735	S04V2V041	SAT	N/A
F-A	1	3	21204-076-H023 STRUT	ES-MISN-V-735	S04V2V042	SAT	N/A

VEGP- 2 TENTH MAINTENANCE / REFUELING OUTAGE  
CLASS 1 AND 2 SUPPORT EXAMINATIONS

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	1	3	21208-007-H001 RESTRAINT	ES-MISN-V-735	S04V2V066	SAT	N/A
F-A	2	8	21202-140-H006 RESTRAINT	ES-MISN-V-735	S04V2V071	SAT	N/A
F-A	2	8	21202-141-H007 RESTRAINT	ES-MISN-V-735	S04V2V048	SAT	N/A
F-A	2	8	21202-141-H009 STRUT	ES-MISN-V-735	S04V2V050	SAT	N/A
F-A	2	8	21202-141-H011 STRUT	ES-MISN-V-735	S04V2V049	SAT	N/A
F-A	2	8	21202-220-H003 RESTRAINT	ES-MISN-V-735	S04V2V031	SAT	N/A
F-A	2	8	21202-220-H005 STRUT	ES-MISN-V-735	S04V2V032	SAT	N/A
F-A	2	8	21202-220-H006 STRUT	ES-MISN-V-735	S04V2V033	SAT	N/A
F-A	2	8	21202-220-H011 RESTRAINT	ES-MISN-V-735	S04V2V026	SAT	N/A
F-A	2	8	21202-220-H015 RESTRAINT	ES-MISN-V-735	S04V2V027	SAT	N/A
F-A	2	8	21202-220-H017 RESTRAINT	ES-MISN-V-735	S04V2V028	SAT	N/A
F-A	2	8	21202-220-H023 RESTRAINT	ES-MISN-V-735	S04V2V029	SAT	N/A
F-A	2	8	21202-220-H024 RESTRAINT	ES-MISN-V-735	S04V2V024	SAT	N/A
F-A	2	8	21202-220-H025 RESTRAINT	ES-MISN-V-735	S04V2V025	SAT	N/A

VEGP-2 TENTH MAINTENANCE / REFUELING OUTAGE  
CLASS 1 AND 2 SUPPORT EXAMINATIONS

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	2	6	21204-011-H005 RESTRAINT/LUGS	ES-MISN-V-735	S04V2V020	SAT	N/A
F-A	2	8	21204-012-H001 RESTRAINT	ES-MISN-V-735	S04V2V016	SAT	N/A
F-A	2	6	21204-039-H001 ANCHOR	ES-MISN-V-735	S04V2V034	SAT	N/A
F-A	2	4	21204-063-H001 RESTRAINT	ES-MISN-V-735	S04V2V002	SAT	N/A
F-A	2	10	21204-121-H001 RESTRAINT	ES-MISN-V-735	S04V2V030	SAT	N/A
F-A	2	8	21208-411-H016 UNDERSUPPORT	ES-MISN-V-735	S04V2V004	SAT	N/A
F-A	2	6	21501-027-H002 RESTRAINT	ES-MISN-V-735	S04V2V052	SAT	N/A
F-A	2	6	21501-027-H005 UNDERSUPPORT	ES-MISN-V-735	S04V2V053	SAT	N/A
F-A	2	6	21501-028-H005 RESTRAINT	ES-MISN-V-735	S04V2V051	SAT	N/A

## SYSTEM PRESSURE TESTS

The following pressure tests were included in the scope of the tenth maintenance/refueling outage at VEGP-2. These pressure tests included system inservice and system leakage tests. Boundaries for these pressure tests are described in the VEGP-2 Inservice Inspection Plan - Second 10-Year Interval document. Examination results are discussed in the applicable sections of the "NIS-1 Abstract" of this report document. The examination data for these pressure tests is available at the plant site for review upon request.

### System Inservice Test Schedule (ITs)

IT Number	Exam. Cat.	Test Description
11	C-H	Centrifugal Charging Pump 21208-P6-002 (Train "A") Discharge Inservice Test
12	C-H	Centrifugal Charging Pump 21208-P6-003 (Train "B") Discharge Inservice Test

### System Leakage Test Schedule (LT)

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

### INDICATION NOTIFICATION FORMS

The following Indication Notification Form(s) (INFs) were issued by Materials and Inspection Services (M & IS) of Southern Nuclear Operating Company (SNC) due to *reportable* indications or conditions being observed during the examination of either Class 1 or 2 components during the tenth maintenance/refueling outage at VEGP-2 (referenced attachments are available at the VEGP plant site for review upon request):

INF No.	Affected Component/Area	INF Disposition
I04V2001	21208-005-CV110	<p>During ultrasonic examination of CV110 (Components DS of CVCS Flow Orifices), per the RI Calc Notes, wall thickness readings were reported downstream of the CVCS flow orifices which were below the 12½% mil spec tolerances. (See S04V2U550).</p> <p>Condition Report 2004001842 was written to address this issue. Per RER 2003-V0561 (Log: PS-04-0763) the actual pipe wall thicknesses are acceptable until 2R11. During 2R11, these piping segments will be re-inspected to determine actual wall thickness values at that time.</p>

The INF(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.



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

The following Owner's Reports for Repairs or Replacements (Form NIS-2) are provided for work activities documented at VEGP-2 since the last maintenance/refueling outage (2R9) through the completion of the tenth maintenance/refueling outage (2R10) in May 2004. Reports are identified by their respective traveler number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective traveler packages at the plant site. Only those NIS-2 reports applicable to VEGP-2 Class 1 and 2 pressure retaining components and their supports 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.

The NIS-2 reports for the following travelers are included herein:

99269	02104	03080	04022	04052	04088
02064	02105	03112	04023	04062	04089
02067	02108	03113	04024	04072	04090
02068	02109	03115	04025	04076	04092
02069	02110	04008	04026	04080	04094
02075	02111	04009	04027	04081	04097
02094	02112 *	04012	04030	04082	04098
02100 *	02114	04014	04038	04083	04099
02101	03036	04015	04041	04084	04100
02102	03074	04016	04042	04085	
02103	03075	04019	04051	04086	

\* Traveler 02100 is included with 02112.

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 99269

1. Owner Southern Nuclear Operating Company Date November 21, 2003  
Name 40 Inverness Center Parkway, Birmingham, AL  
Address Sheet 1 of 1
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant Waynesboro, GA 30830 MWO # 29900433  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1201 / Reactor Coolant System
5. (a) Applicable Construction Code ASME Section III 1971 Edition, Summer 1972 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
STEAM GENERATOR	WESTINGHOUSE ELECTRIC CORP.	1983	N/A	2-1201-B6-001	1981	REPLACEMENT	YES

7. Description Of Work Replaced two studs on primary hot leg manway.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 11/24/2003  
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 October 19, 1999 to 1-8-04, 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 Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 1-8-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02064

Owner Southern Nuclear Operating Company Date November 21, 2002  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20200775  
Address  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address

4. Identification Of System 1208 / Chemical and Volume Control System

5. (a) Applicable Construction Code ASME Section III 1971 Edition, Winter 1972 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
RELIEF VALVE	CROSBY VALVE & GAGE CO.	N56900-00-074	N/A	2PSV-8121	1997	REPLACEMENT	YES

7. Description Of Work Relief valve S/N N56900-00-049 was removed for inservice testing and replaced by relief valve S/N n56900-00-0074. Relief valve S/N 56900-00-0074 is a rotating spare; originally purchased under PO# 7029205 and received under MIR# 970901.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. B. Chapman, Jr. Team Leader Date 11-27-2002  
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 May 13, 2002 to 12-3-02, 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 Owners 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 Owners 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 W. B. Chapman Commissions GA203  
National Board, State, Province and Endorsements

ite 12-3-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02067

- Owner Southern Nuclear Operating Company Date November 14, 2002  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20101597  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address  
4. Identification Of System 1201 / Reactor Coolant System  
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989  
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
VALVE	Westinghouse Electro-Mech	12001GM88SE H01000S74008	W22946	2-HV-8701B	1980	REPAIR	YES

7. Description Of Work Installation of RHR Bonnet Vent Line per DCP 00-V2N0017.

9. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 11/14/2002  
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 June 4, 2002 to 11-18-02, 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 Owners 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 Owners 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 203  
Inspector's Signature National Board, State, Province and Endorsements

Date 11-18-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02068

1. Owner Southern Nuclear Operating Company Date November 14, 2002  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Waynesboro, GA 30830 Address  
 2. Plant Vogtle Electric Generating Plant Unit 2  
Waynesboro, GA 30830 MWO # 20103350  
 Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
 Name Address

4. Identification Of System 1201 / Reactor Coolant System

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
VALVE	Westinghouse Electro-Mech	12001GM88SE H01000S74007	W22945	2-HV-8702A	1980	REPAIR	YES

7. Description Of Work Installation of RHR Bonnet Vent Line per DCP 00-V2N0017.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
 N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. J. [Signature] Date 11/15/2002  
 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 June 4, 2002 to 11-18-02, 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 Owners 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 Owners 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.

MB Chapman Commissions GA203  
 Inspector's Signature National Board, State, Province and Endorsements

Date 11-18-02

**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

Traveler # 02069

1. Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL  
Address

Date November 14, 2002  
Sheet 1 of 1

2. Plant Vogtle Electric Generating Plant  
Plant  
Waynesboro, GA 30830  
Address

Unit 2  
MWO # 20101555  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance  
Name

Plant Vogtle  
Address

4. Identification Of System 1201 / Reactor Coolant System

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
VALVE	Westinghouse Electro-Mech	12001GM88SE H01000S74008	W23271	2-HV-8702B	1981	REPAIR	YES

7. Description Of Work Installation of RHR Bonnet Vent Line per DCP 00-V2N0017.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 11/15/2002  
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 June 4, 2002 to 11-18-02, 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 Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 11-18-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02075

1. Owner Southern Nuclear Operating Company Date November 12, 2002  
Name 40 Inverness Center Parkway, Birmingham, AL  
Address Waynesboro, GA 30830  
Sheet 1 of 1  
Unit 2  
MWO # 20103349  
Repair Organization P.O. No., Job No., etc.
2. Plant Vogtle Electric Generating Plant  
Plant Waynesboro, GA 30830  
Address Plant Vogtle  
Address
3. Work Performed by Nuclear Operations Maintenance  
Name
4. Identification Of System 1201 / Reactor Coolant System
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
VALVE	Westinghouse Electro-Mech	12001GM88SE H00000S74007	W23270	2-HV-8701A	1981	REPAIR	YES

7. Description Of Work Installation of RHR Bonnet Vent Line per DCP 00-V2N0017.

8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. S. Lapala Date 11/14/2002  
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 June 4, 2002 to 11-15-02, 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 Owners 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 Owners 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.

MB Chapman Commissions GA 203  
Inspector's Signature National Board, State, Province and Endorsements

Date 11-15-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02094

Owner Southern Nuclear Operating Company Date November 11, 2002  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20202422  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address

4. Identification Of System 1204 / SAFETY INJECTION SYSTEM

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1204 PIPING SYSTEM	PULLMAN POWER	N/A	N/A	2-1204-PIPE	1989	REPLACEMENT	YES

7. Description Of Work Replace studs and nuts in piping flanges located between the RWST (2-1204-T4-001) and valve 2-1204-U4-260.

Tests Conducted: ☒ N/A ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 11/13/2002  
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 October 9, 2002

to 11-15-02, 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 Owners 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 Owners 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 203  
Inspector's Signature National Board, State, Province and Endorsements

Date 11-15-02



**As Required By The Provisions Of The ASME Code Section XI**

Date 11-21-07

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02102

1. Owner Southern Nuclear Operating Company Date 11/15/02  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 2  
Address Waynesboro, GA 30830 MWO # 20101045  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1204 / Safety Injection System
5. (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1204 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1204-006-01	1989	REPLACEMENT	YES

7. Description Of Work Installed replacement studs and nuts in piping flanges on pipe spool 006-S-02.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. S. Gural, Team Leader Date 11/15/2002  
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 10/19/02 to 11-21-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

MB Chapman Commissions GA 203  
Inspector's Signature National Board, State, Province and Endorsements

Date 11-21-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02103

1. Owner Southern Nuclear Operating Company Date 11/15/02  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 2  
Waynesboro, GA 30830 MWO # 20101045  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1204 / Safety Injection System
5. (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1204 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1204-006-01	1989	REPLACEMENT	YES

7. Description Of Work Installed replacement studs and nuts in piping flanges on pipe spool 192-S-01.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. B. Spence, Team Leader Date 11/15/2002  
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 10/19/02 to 11-18-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

MB Chapman Commissions GA 703  
Inspector's Signature National Board, State, Province and Endorsements

Date 11-18-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler #

02104  
-02084

1/31/03

1. Owner Southern Nuclear Operating Company Date January 29, 2003  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20202563  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1205 / Residual Heat Removal
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PUMP	Ingersoll-Dresser	087330	883	2-1205-P6-001	1993	REPLACEMENT	YES

7. Description Of Work Installed replacement mechanical seal. This replacement mechanical seal is a rotating spare; original purchased under PO# 7015377 and received under MIR# 950303.

8. Tests Conducted: N/A ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 1/29/03  
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 October 25, 2002

to 2-6-03, 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 Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 2-6-03

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02105

1. Owner Southern Nuclear Operating Company Date 12/12/02  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 2  
Waynesboro, GA 30830 MWO # 20202170 and 20202842  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1206 / Containment Spray System
5. (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1206 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1206-001-01	1989	REPLACEMENT	YES

7. Description Of Work Installed replacement studs and nuts in piping flanges between piping spools 001-S-04 and 001-S-05. The wrong grade of nuts were installed under MWO# 20202170 as documented by CR# 2002003338. The correct grade nuts were then installed under MWO# 20202842.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. A. Graham, Team Leader Date 12-13-2002  
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 10/26/02 to 12-13-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

W.B. Chapman  
Inspector's Signature

Commissions GA203  
National Board, State, Province and Endorsements

Date 12-13-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02108

1. Owner Southern Nuclear Operating Company Date 12/02/02  
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 2  
Address Waynesboro, GA 30830 MWO # 20102529  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
SAFETY VALVE	CROSBY VALVE & GAGE CO.	N56964-00-0041	N/A	2PSV8010A	1976	REPLACEMENT	YES

7. Description Of Work Installed two replacement nuts on the valve's inlet flange.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. B. Chapman, Team Leader Date 12/2/2002  
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 11/05/02 to 12-6-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

W. B. Chapman  
Inspector's Signature

Commissions GA203  
National Board, State, Province and Endorsements

Date 12-6-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02109

1. Owner Southern Nuclear Operating Company Date 12/02/02  
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 2  
Address Waynesboro, GA 30830 MWO # 20102529  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
SAFETY VALVE	CROSBY VALVE & GAGE CO.	N56964-00-0036	N/A	2PSV8010B	1976	REPLACEMENT	YES

7. Description Of Work Installed two replacement nuts on the valve's inlet flange.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. Chapman, Team Leader Date 12/02/2002  
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 11/05/02 to 12-6-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

W. Chapman  
Inspector's Signature

Commissions GA203  
National Board, State, Province and Endorsements

Date 12-6-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02110

1. Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL

Date 11/20/02

Sheet 1 Of 1

2. Plant Vogtle Electric Generating Plant  
Waynesboro, GA 30830  
Address

Unit 2

MWO # 20202762

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

3. Work Performed by Nuclear Operations Maintenance  
Name

Plant Vogtle  
Address

4. Identification Of System 1201 / Reactor Coolant System

5. (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, 1644-8 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1201 PIPING SYSTEM	SOUTHWEST FABRICATING & WELDING CO.	38322	N/A	2X6AB17-134 2X6AB17-135	1985	REPLACEMENT	YES

7. Description Of Work Installed replacement square head set screw and jam nut on support collar associated with 2PSV-8010A.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ - Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed J. S. Gueland, Team Leader Date 11/24/2002  
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 11/08/02 to 11-21-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

MB Chapman  
Inspector's Signature

Commissions GA203  
National Board, State, Province and Endorsements

Date 11-21-02



# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02111

1. Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL

Date 11/20/02

Sheet 1 Of 1

2. Plant Vogtle Electric Generating Plant  
Waynesboro, GA 30830  
Address

Unit 2

MWO # 20202762

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

3. Work Performed by Nuclear Operations Maintenance  
Name

Plant Vogtle  
Address

4. Identification Of System 1201 / Reactor Coolant System

5. (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, 1644-8 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1201 PIPING SYSTEM	SOUTHWEST FABRICATING & WELDING CO.	38320	N/A	2X6AB17-134 2X6AB17-135	1985	REPLACEMENT	YES

7. Description Of Work Installed replacement square head set screw and jam nut on support collar associated with 2PSV-8010B.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 11/20/2002  
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 11/08/02 to 11-21-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
National Board, State, Province and Endorsements

Date 11-21-02

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02112

1. Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL

Date 12/02/02

Sheet 1 Of 1

2. Plant Vogtle Electric Generating Plant  
Waynesboro, GA 30830  
Address

Unit 2

MWO # 20202821 and 20200142  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance  
Name

Plant Vogtle  
Address

4. Identification Of System 1208 / Chemical and Volume Control System

5. (a) Applicable Construction Code ASME SEC III 1974 Edition, Summer 1975 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
VALVE	DRESSER INDUSTRIES INC.	H218ABH	N/A	2-1208-U4-033	1982	REPAIR	YES

7. Description Of Work A seal weld was completed on this valve under Traveler# 02100 and MWO# 20200142. The seal weld was found unacceptable during the VT-2 examination as documented on CR# 2002003297. The seal weld was removed and then completed successfully under Traveler#02112 and MWO# 20202821.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. J. Hunter, Jr. Team Leader Date 12-2-2002  
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 10/18/02 to 12-3-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

MB Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 12-3-02

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 02114

1. Owner Southern Nuclear Operating Company Date 02/20/03  
 Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 2  
Waynesboro, GA 30830 MWO # 20103571  
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
 Name Address
4. Identification Of System 1204 / Safety Injection System
5. (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1204 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K5-1204-187-02	1989	REPLACEMENT	YES

7. Description Of Work Installed replacement studs and nuts in piping flanges between pipe spool 273-S-01 and the Refueling Water Storage Tank 2-1204-T4-001.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. J. Gulek, Team Leader Date 2/21/03  
 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 12/06/02 to 2-26-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

M. B. Chapman Commissions GA 203  
 Inspector's Signature National Board, State, Province and Endorsements

Date 2-26-03

**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

Traveler # 03036

1. Owner Southern Nuclear Operating Company Date March 3, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 5  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20301925  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address  
4. Identification Of System 1208 / Chemical Volume Control System

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
VALVE	FISHER CONTROLS	6924552	N/A	2TV-0381A	1977	REPLACEMENT	YES

7. Description Of Work Replace valve plug

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 3/9/2004  
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 August 25, 2003 to 3-8-04, 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 Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 3-8-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 03074

1. Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL

Date 09/24/03

Sheet 1 Of 1

2. Plant Vogtle Electric Generating Plant  
Waynesboro, GA 30830  
Address

Unit 2

MWO # 20302241  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance  
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, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
REACTOR VESSEL	COMBUSTION ENGINEERING INC.	7372	22004	2-1201-V6-001	1979	REPLACEMENT	YES

7. Description Of Work Replaced male flange on reactor vessel, penetration #75, thermocouple instrument port column assembly.

8. Test Conducted: N/A ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 9/25/2003  
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 08/12/03 to 9-25-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's Signature

Commissions GA 203  
National Board, State, Province and Endorsements

Date 9-25-03

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 03075

1. Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL

Date 09/23/03

Sheet 1 Of 1

2. Plant Vogtle Electric Generating Plant  
Waynesboro, GA 30830  
Address

Unit 2

MWO # 20302242  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance  
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, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
REACTOR VESSEL	COMBUSTION ENGINEERING INC.	7372	22004	2-1201-V6-001	1979	REPLACEMENT	YES

7. Description Of Work Replaced male flange on reactor vessel, penetration #78, thermocouple instrument port column assembly.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. B. Chapman, Jr. Team Leader Date 9/25/2003  
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 08/12/03 to 9-25-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

W. B. Chapman, Jr.  
Inspector's Signature

Commissions GA 203 C  
National Board, State, Province and Endorsements

Date 9-25-03

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 03080

1. Owner Southern Nuclear Operating Company Date 11/04/03  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 2  
Address Waynesboro, GA 30830 MWO # 20302565  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1201 / Reactor Coolant System
5. (a) Applicable Construction Code ASME SEC III 1971 Edition, Summer 1972 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
REACTOR VESSEL	COMBUSTION ENGINEERING INC.	7372	22004	2-1201-V6-001	1979	REPLACEMENT	YES

7. Description Of Work Installed a Core Exit Thermocouple (CET) Canopy Seal Clamp Assembly (CSCA) on reactor vessel penetration #77 due to lower canopy seal weld leakage as identified by CR# 2003002385. The clamp was evaluated and installed in accordance with DCP 03-V2N0022.

8. Test Conducted: N/A ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒   
Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 11/7/2003  
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 08/31/03 to 11-5-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
National Board, State, Province and Endorsements

Date 11-5-03

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 03112

1. Owner Southern Nuclear Operating Company Date December 30, 2003  
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address Vogtle Electric Generating Plant  
2. Plant Waynesboro, GA 30830 Unit 2  
Address Waynesboro, GA 30830 MWO # 20303012  
Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address  
4. Identification Of System 1217 / Auxilliary Component Cooling Water System  
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989  
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1217 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1217-186-01	1988	REPLACEMENT	YES

7. Description Of Work Replace 2" piping, flange and elbow.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 01/05/2004  
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 November 10, 2003 to 1-6-04, 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 Owners 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 Owners 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 203  
Inspector's Signature National Board, State, Province and Endorsements

Date 1-6-04



**ORIGINAL**

**Traveler #**            **03113**

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

Date 1-6-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 03115

1. Owner Southern Nuclear Operating Company Date May 10, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 11 *each 511404*  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20202059  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address

4. Identification Of System 1204 / Safety Injection System

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1204-037-01	1989	REPLACEMENT	Yes

7. Description Of Work A 1" branch weld connection was made to 1204-037 piping per DCP 00-V2N0041 and WPCS 030644

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
N/A ☐ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Team Leader Date 5/11/2004  
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 December 16, 2003 to 5-11-04, 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 Owners 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 Owners 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.

MMB Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-11-04

**As Required By The Provisions Of The ASME Code Section XI**

Date 5-13-04

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04009

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit # 2 90X05/17/04  
Waynesboro, GA 30830 MWO # 20303105  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1201-042-H001	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-151, serial # 151 was replaced with AD-151, serial # 556 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 01/30/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
National Board, State, Province and Endorsements

Date 5-14-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04012

1. Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL

Date 05/10/04

Sheet 1 Of 1

2. Plant Vogtle Electric Generating Plant  
Waynesboro, GA 30830  
Address

Unit + 2 RCT 05/17/04  
MWO # 20303108  
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance  
Name

Plant Vogtle  
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 Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1201-064-H628	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-1603, serial # 81 was replaced with AD-1601, serial # 164 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W.H. Gagliardi Team Leader Date 5/11/04  
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 01/30/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

M.B. Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-11-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04014

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit # 2 Duct 05/17/04  
Waynesboro, GA 30830 MWO # 20303121  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1204 / Safety Injection 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1204-030-H009	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-71, serial # 1135 was replaced with AD-71, serial # 611 to support surveillance testing.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/14/04  
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 01/30/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-14-04

**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

- Traveler # 04015  
04027 *chx* 5/13/04
1. Owner Southern Nuclear Operating Company Date May 10, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303122  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1204 / Safety Injection System
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1204-030-H012	1989	REPLACEMENT	Yes

7. Description Of Work Snubber AD-73, serial number #1207 was replaced with AD-73 serial #421 to support surveillance testing.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed *W. E. Gentry* Date 5/11/04  
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 January 30, 2004 to 5-13-04, 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 Owners 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 Owners 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.

*M. B. Chapman* Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04016

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit + 2 05/17/04  
Waynesboro, GA 30830 MWO # 20303124  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1204 / Safety Injection 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1204-126-H601	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-5503, serial # 325 was replaced with AD-5503, serial # 430 to support surveillance testing.

8. Test Conducted: N/A ☒ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure N/A PSI Test Temp. N/A °F

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 01/30/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
National Board, State, Province and Endorsements

Date 5-14-04



**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

- Traveler # 04019
1. Owner Southern Nuclear Operating Company Date 05/10/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 1 2 804-05/17/04  
Waynesboro, GA 30830 MWO # 20303127  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1208-008-H018	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-1603, serial # 133 was replaced with AD-1603, serial # 657 to support surveillance testing.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 01/30/04 to 5-12-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-12-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04022

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 4 2 05/17/04  
Waynesboro, GA 30830 MWO # 20303132  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1301 / Main Steam 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1301-107-H003	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-12501, serial # 52 was replaced with AD-12501, serial # 21 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 01/30/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
National Board, State, Province and Endorsements

Date 5-14-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04023

1. Owner Southern Nuclear Operating Company Date 05/10/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 42 ~~804~~ 05/17/04  
Waynesboro, GA 30830 MWO # 20303136  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1301 / Main Steam 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1301-128-H107	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-71, serial # 612 was replaced with AD-71, serial # 459 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 01/30/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-14-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04024

1. Owner Southern Nuclear Operating Company Date 05/10/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit # 2 05/17/04  
Waynesboro, GA 30830 MWO # 20303138  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1302 / Auxiliary Feedwater 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1302-107-H011	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-503, serial # 366 was replaced with AD-503, serial # 186 to support surveillance testing.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 01/30/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-14-04

**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

Traveler # 04025

1. Owner Southern Nuclear Operating Company Date May 11, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303141  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address  
4. Identification Of System 1305 / CONDENSATE SYSTEM

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
Pipe Support	Pullman Power Products	N/A	N/A	V2-1305-058-H004	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-5501, serial # 269 was replaced with snubber AD-5501, serial #230 to support surveillance testing.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed W. B. Lovelace Team Leader Date 5/13/04  
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 January 30, 2004 to 5-14-04, 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 Owners 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 Owners 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.

M. B. Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-14-04

**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

Traveler # 04026

1. Owner Southern Nuclear Operating Company Date May 11, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303128- 20303142  
Address  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1305 / Condensate System
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1305-058-H006	1989	REPLACEMENT	Yes

7. Description Of Work Snubber AD-12503, serial 22 was replaced with AD-12503, serial #44 to support surveillance testing.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 5/11/04  
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 January 30, 2004 to 5-13-04, 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 Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04027

1. Owner Southern Nuclear Operating Company Date May 10, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303143  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address

4. Identification Of System 1305 / CONDENSATE AND FEEDWATER SYSTEM

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

### 6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1305-060-H006	1989	REPLACEMENT	Yes

7. Description Of Work Snubber PSA-100, serial number #2031 was replaced with PSA-100 serial #2177 to support surveillance testing.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. J. Gaudin Date 5/11/04  
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 January 30, 2004 to 5-13-04, 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 Owners 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 Owners 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.

M.B. Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

Traveler # 04030

1. Owner Southern Nuclear Operating Company Date May 10, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL  
Address  
Sheet 1 of 4
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303163  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1301 / MAIN STEAM SYSTEM
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1301-165-H002	1989	REPLACEMENT	Yes

7. Description Of Work Snubber AD-41, serial 1384 was replaced with a rigid strut in accordance with DCP 01-V2N0004.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed W. S. Grelat / Team Leader Date 5/11/04  
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 February 19, 2004 to 5-13-04, 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 Owners 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 Owners 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.

MB Chapman Commissions GA 203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04



# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04038

1. Owner Southern Nuclear Operating Company Date April 27, 2004  
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant Waynesboro, GA 30830 MWO # 20303123  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name  Address
4. Identification Of System 1204 / Safety Injection System
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-411 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1204-038-H013	1988	REPLACEMENT	Yes

7. Description Of Work Snubber AD-1601, serial #124 was replaced with rigid strut in accordance with DCP 01-V2N0004.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. H. Greenleaf, Jr. Date 4/29/2004  
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 February 10, 2004 to 4-29-04, 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 Owners 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 Owners 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.

M. B. Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 4-29-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04041

1. Owner Southern Nuclear Operating Company Date May 10, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 4  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303139  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address

4. Identification Of System 1302 / Auxillary Feedwater System

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1302-108-H012	1989	REPLACEMENT	Yes

7. Description Of Work Snubber AD-1601, serial 60 was replaced with a Liseqa Hydraulic Snubber, serial #01614940083 in accordance with DCP 99-VAN0033.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. E. Gault Jr. Team Leader Date 5/10/04  
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 February 18, 2004 to 5-13-04, 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 Owners 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 Owners 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.

M. B. Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

Traveler # 04042

1. Owner Southern Nuclear Operating Company Date May 10, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 4  
Address
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303347  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1204 / Safety Injection

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1204-057-H019	1989	REPLACEMENT	Yes

7. Description Of Work Snubber PSA-1/2, serial #18893 was replaced with a Liseqa Hydraulic Snubber, serial #00614800015 in accordance with DCP 99-VAN0033.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 5/11/04  
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 February 18, 2004 to 5-13-04, 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 Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04051

1. Owner Southern Nuclear Operating Company Date May 11, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address  
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303356  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address

4. Identification Of System 1301 / Main Steam System

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
Pipe Support	Pullman Power Products	N/A	N/A	V2-1301-012-H028	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-153, serial # 421 was replaced with Liseqa 303801, serial # 01614960/041 in accordance with DCP 99-VAN0033.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. B. Green Team Leader Date 5/12/04  
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 February 19, 2004 to 5-14-04 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 Owners 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 Owners 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.

MB Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-14-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04052

1. Owner Southern Nuclear Operating Company Date May 10, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 4  
Address
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303120  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1302 / Auxiliary Feedwater System

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1302-109-H009	1989	REPLACEMENT	Yes

7. Description Of Work Snubber AD-1601, serial 649 was replaced with a Liseqa Hydraulic Snubber, serial #01614940085 in accordance with DCP 99-VAN0033.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed H. S. G. [Signature] Date 5/11/04  
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 February 16, 2004 to 5-12-04, 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 Owners 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 Owners 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.

M. B. Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-12-04

**ORIGINAL**  
**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required By The Provisions Of The ASME Code Section XI

Traveler # 04062

1. Owner Southern Nuclear Operating Company Date May 10, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 4  
Address
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20303128  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1208 / Chemical and Volume Control System
5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1208-022-H027	1989	REPLACEMENT	Yes

7. Description Of Work Snubber AD-73, serial 1209 was replaced with a Liseqa Hydraulic Snubber, serial #00614800045 in accordance with DCP 99-VAN0033.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Date 5/11/2004  
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 February 18, 2004 to 5-13-04, 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 Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04072

1. Owner Southern Nuclear Operating Company Date 05/10/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit # 2 Box 05/17/04  
Waynesboro, GA 30830 MWO # 20401066  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1208-002-H009	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-43, serial # 244 was replaced with AD-43, serial # 303 to support surveillance testing.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. S. Gaudet Team Leader Date 5/11/04  
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 04/21/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

M. B. Chapman  
Inspector's Signature

Commissions GA203  
National Board, State, Province and Endorsements

Date 5-4-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04076

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit + 2 263405/17/04  
Waynesboro, GA 30830 MWO # 20401249  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1301 / Main Steam 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1301-126-H014	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-151, serial # 497 was replaced with AD-151, serial # 553 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 04/28/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-14-04



# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04080

1. Owner Southern Nuclear Operating Company  
40 Inverness Center Parkway, Birmingham, AL  
 Name  
 Address
2. Plant Vogtle Electric Generating Plant  
Waynesboro, GA 30830  
 Unit  
 MWO #  
 Address
3. Work Performed by Nuclear Operations Maintenance  
 Name  
 Plant Vogtle  
 Address
4. Identification Of System 1202 / Nuclear Service Cooling Water 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1202-406-H031	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-43, serial # 1515 was replaced with AD-43, serial # 677 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. E. Guala Team Leader Date 5/11/04  
 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 04/30/04 to 5-12-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

M. B. Chapman Commissions GA203  
 Inspector's Signature National Board, State, Province and Endorsements

Date 5-12-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04081

- Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL  
Date 05/07/04  
Sheet 1 Of 1
- Plant Vogtle Electric Generating Plant  
Unit 4-2 241 05/17/04  
Waynesboro, GA 30830  
Address  
MWO # 20303352  
Repair Organization P.O. No., Job No., etc.
- Work Performed by Nuclear Operations Maintenance  
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-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
- Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1208-011-H045	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-41, serial # 541 was replaced with AD-41, serial # 854 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 04/30/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature] Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-11-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04082

1. Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL  
Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant  
Unit #2 Unit 05/17/04  
Waynesboro, GA 30830  
Address  
MWO # 20401432  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance  
Name  
Plant Vogtle  
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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1208-020-H705	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-71, serial # 449 was replaced with AD-71, serial # 242 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/17/04  
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 04/30/04 to 5-12-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-12-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04083

1. Owner Southern Nuclear Operating Company Date 05/07/04  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1  
 Name
2. Plant Vogtle Electric Generating Plant Unit #2 20401431  
Waynesboro, GA 30830 MWO # 20401431  
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
 Name Address
4. Identification Of System 1206 / Containment Spray 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1206-002-H002	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-501, serial # 148 was replaced with AD-501, serial # 163 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W. B. G. [Signature] Team Leader Date 5/11/04  
 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 04/30/04 to 5-13-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

MB Chapman Commissions GA203  
 Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04084

1. Owner Southern Nuclear Operating Company Date 05/07/04  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit #2 Unit 05/17/04  
Waynesboro, GA 30830 MWO # 20401449  
 Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
 Name 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1208-488-H002	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-153, serial # 467 was replaced with AD-153, serial # 221 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
 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 05/03/04 to 5-13-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature] Commissions GA203  
 Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04085

- Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL  
Date 05/07/04  
Sheet 1 Of 1
- Plant Vogtle Electric Generating Plant  
Unit # 2 05/17/04  
Waynesboro, GA 30830  
Address  
MWO # 20401445  
Repair Organization P.O. No., Job No., etc.
- Work Performed by Nuclear Operations Maintenance  
Name  
Plant Vogtle  
Address
- Identification Of System 1202 / Nuclear Service Cooling Water System
- (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
- Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1202-229-H024	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-501, serial # 153 was replaced with AD-501, serial # 152 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 05/03/04 to 5-12-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature] Commissions GA28  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-12-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04086

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit + 2 ~~201~~ 06/08/04  
Address Waynesboro, GA 30830 MWO # 20401448  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1901 / Waste Process System - Liquid
5. (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1901-022-H031	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-43, serial # 437 was replaced with AD-43, serial # 887 to support surveillance testing.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/14/04  
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 05/03/04 to 5-13-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
National Board, State, Province and Endorsements

Date 5-13-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04088

1. Owner Southern Nuclear Operating Company  
40 Inverness Center Parkway, Birmingham, AL  
 Name  
 Date 05/07/04  
 Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant  
Waynesboro, GA 30830  
 Address  
 Unit #2 Data 05/17/04  
 MWO # 20401451  
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance  
 Name  
 Plant Vogtle  
 Address
4. Identification Of System 1301 / Main Steam 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1301-176-H002	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-501, serial # 141 was replaced with AD-501, serial # 562 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
 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 05/03/04 to 5-14-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
 Inspector's Signature National Board, State, Province and Endorsements

Date 5-14-04



# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04089

- Owner Southern Nuclear Operating Company  
Name  
40 Inverness Center Parkway, Birmingham, AL  
Date 05/07/04  
Sheet 1 Of 1
- Plant Vogtle Electric Generating Plant  
Unit #2 R62 05/17/04  
Waynesboro, GA 30830  
Address  
MWO # 20401452  
Repair Organization P.O. No., Job No., etc.
- Work Performed by Nuclear Operations Maintenance  
Name  
Plant Vogtle  
Address
- Identification Of System 1301 / Main Steam System
- (a) Applicable Construction Code ASME SEC III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989
- Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1301-368-H001	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-151, serial # 177 was replaced with AD-151, serial # 549 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 05/03/04 to 5-13-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature] Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-13-04

ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04090

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit #2 Data 5/17/04  
Waynesboro, GA 30830 MWO # 20401446  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1204 / Safety Injection 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1204-025-H013	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-151, serial # 130 was replaced with AD-151, serial # 171 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 05/03/04 to 5-13-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
National Board, State, Province and Endorsements

Date 5-13-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04092

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit # 2 Dist 05/07/04  
Waynesboro, GA 30830 MWO # 20401492  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1201-030-H626	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-501, serial # 675 was replaced with AD-501, serial # 575 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 05/03/04 to 5-12-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-12-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04094

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit # 2 Sub 05/17/04  
Address Waynesboro, GA 30830 MWO # 20401495  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1208-011-H043	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-43, serial # 1512 was replaced with AD-43, serial # 249 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 05/03/04 to 5-12-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-12-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04097

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit #2 05/17/04  
Waynesboro, GA 30830 MWO # 20401499  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1301 / Main Steam 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1301-110-H004	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-151L, serial # 470 was replaced with AD-151L, serial # 598 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed W.S. Gabel Team Leader Date 5/11/04  
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 05/03/04 to 5-11-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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.

M.B. Chapman  
Inspector's Signature

Commissions GA203  
National Board, State, Province and Endorsements

Date 5-11-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

- Traveler # 04098
1. Owner Southern Nuclear Operating Company Date 05/07/04  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
  2. Plant Vogtle Electric Generating Plant Unit #2 80405/17/04  
Waynesboro, GA 30830 MWO # 20401501  
 Address Repair Organization P.O. No., Job No., etc.
  3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
 Name Address
  4. Identification Of System 1302 / Auxiliary Feedwater 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 Utilized For Repairs Or Replacements 1989
  6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1302-110-H002	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-503, serial # 536 was replaced with AD-503, serial # 238 to support surveillance testing.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
 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 05/03/04 to 5-12-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
 Inspector's Signature National Board, State, Province and Endorsements

Date 5-12-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04099

1. Owner Southern Nuclear Operating Company Date 05/07/04  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 Of 1
2. Plant Vogtle Electric Generating Plant Unit 4-2 Duct 05/17/04  
Waynesboro, GA 30830 MWO # 20401503  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1302 / Auxiliary Feedwater 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 Utilized For Repairs Or Replacements 1989
6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1302-108-H019	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-501, serial # 415 was replaced with AD-501, serial # 569 to support surveillance testing.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] Team Leader Date 5/11/04  
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 05/03/04 to 5-13-04, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners 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 Owners 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 GA203  
National Board, State, Province and Endorsements

Date 5-13-04

# ORIGINAL

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

As Required By The Provisions Of The ASME Code Section XI

Traveler # 04100

1. Owner Southern Nuclear Operating Company Date May 11, 2004  
Name  
40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1  
Address
2. Plant Vogtle Electric Generating Plant Unit 2  
Plant  
Waynesboro, GA 30830 MWO # 20401504  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Nuclear Operations Maintenance Plant Vogtle  
Name Address
4. Identification Of System 1204 / SAFETY INJECTION

5. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N-249-1 Code Case  
(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989

6. Identification Of Components Repairs Or Replacement Components

NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
Pipe Support	Pullman Power Products	N/A	N/A	V2-1204-034-H002	1989	REPLACEMENT	YES

7. Description Of Work Snubber AD-503, serial # 372 was replaced with snubber AD-503, serial #660 to support surveillance testing.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
N/A ☒ Other ☐ Pressure N/A PSI Test Temp. N/A °F

### CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed N. B. Copeland Team Leader Date 5/12/04  
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 May 3, 2004 to 5-14-04, 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 Owners 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 Owners 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.

N. B. Chapman Commissions GA203  
Inspector's Signature National Board, State, Province and Endorsements

Date 5-14-04