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SOUTHERN COMPAN Energy to Serve Your World<sup>M</sup>

NL-05-1103

July 1, 2005

Docket No.: 50-424

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 1, Interval 2, Period 3, Outage 1 Inservice Inspection Summary Report (Enclosure). This report describes and summarizes the inservice inspection activities performed during its spring 2005 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,

Don E. Grissette

DEG/DRG/daj

Enclosure: Inservice Inspection Summary Report Vogtle Electric Generating Plant Unit 1 – Refueling Outage (1R12)

UO47

U. S. Nuclear Regulatory Commission Log: NL-05-1103 Page 2

 cc: <u>Southern Nuclear Operating Company</u> Mr. J. T. Gasser, Executive Vice President Mr. T. E. Tynan, General Manager – Plant Vogtle RType: CVC7000

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

# VOGTLE ELECTRIC GENERATING PLANT UNIT 1 TWELFTH MAINTENANCE/REFUELING OUTAGE (1R12)

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

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

for the

## **TWELFTH MAINTENANCE/REFUELING OUTAGE**

of

VOGTLE ELECTRIC GENERATING PLANT, UNIT 1 (7821 River Road, Waynesboro, Georgia 30830)

## COMMERCIAL OPERATION DATE: May 31, 1987

## **DOCUMENT COMPLETION DATE: July 2005**

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 Mechanical Snubber
MECH	•
MS MT	Main Steam System
MT	Magnetic Particle Examination
NCI	Nonconformance Item Nondestructive Examination
NDE	nondesituetive 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
<u></u>	Westinghouse

## **INTRODUCTION**

This report documents the examinations and tests performed at Vogtle Electric Generating Plant, Unit 1 (VEGP-1) between October 21, 2003 (date of last examination performed during the eleventh maintenance/refueling outage, 1R11) and April 9, 2005 (date of last examination performed during the twelfth maintenance/refueling outage, 1R12) 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-1 through the completion of the twelfth maintenance/refueling outage in April 2005. 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: One
- 4. Owner Certification of Authorization: N/A
- 5. Commercial Service Date: 05/31/87
- 6. National Board Number for Unit: N/A
- 7. Components Inspected:

Component or	Manufacturer or	Manufacturer or Installer	State or Province	National Board
Appurtenance	Installer and Address	Serial Number	Number	Number
Reactor	Combustion Eng.	7372	N/A	22004
Pressure Vessel	Inc.,			
	Chattanooga, TN			
Steam	Westinghouse Elec.,	GAGT 1881,	N/A	NA
Generators 1	Pensacola, FL	GAGT 1882,		
through 4.		GAGT 1883,		
		GAGT 1884		
Reactor Coolant	Westinghouse Elec.,	F1089	N/A	NA
Pump 2	Cheswick, PA			
Pressurizer	Westinghouse Elec.,	62189	N/A	NA
	Pensacola, FL			
Safety Injection	Westinghouse Elec.,	52232	N/A	NA
Pump Train	Pittsburgh, PA			
"В"				
Boron Injection	Southwest	0070	N/A	434
Tank	Fabricating and			
	Welding Co.,			
	Houston TX			
Residual Heat	Joseph Oat Corp.,	2322-2B	N/A	1049
Removal Heat	Camden, NJ			
Exchanger,				
Train "B"				
Selected Piping,	Pullman Power	System Numbers 1201, 1204,	N/A	N/A
Components,	Products,	1205, 1208, 1301, 1302 &		
and Supports	Williamsport, PA	1305.		

#### FORM NIS-1 (Back)

- 8. Examination Dates: October 21, 2003 to April 9, 2005
- 9. Inspection Period Identification: Third Period
- 10. Inspection Interval Identification: Second Inspection Interval
- 11. Applicable Edition of Section XI 1989 Addenda None
- 12. Date/Revision of Inspection Plan: January 12, 2005 / 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

By: Anola

Date: <u>24</u> 20<u>05</u> Signed:

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

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of <u>Georgia</u> and employed by <u>The Hartford Steam Boiler Inspection and Insurance Company</u> of <u>Connecticut</u> of <u>Hartford, CT</u> have inspected the components described in this Owner's Report during the period <u>October 21, 2003</u> to <u>April 9, 2005</u>, 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.

Inspectop's Signature

Commission: GA 203

National Board, State, Province, and Endorsements

Date: 6-30 2005

## 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-1. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those second inspection period examinations and tests which were performed between October 21, 2003 (date of last examination performed during the eleventh maintenance/refueling outage, 1R11) and April 9, 2005 (date of last examination performed during the twelfth maintenance/refueling outage, 1R12).

Risk Informed Program was approved by the NRC by letter dated September 30, 2003 and implemented during the VEGP 1R11 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 1R12 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-1 since 1R11 through the end of 1R12. Class 1 and Class 2 Owner's Reports for Repairs or Replacements (Form NIS-2) are provided herein.

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

#### **Class 1 Examinations**

Selected Class 1 components were examined by Southern Nuclear Operating Company (SNC) personnel utilizing ultrasonic testing (UT), magnetic particle testing (MT), dye penetrant testing (PT), 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,
- Pressurizer, Dissimilar Welds and Head and Shell Welds,
- Steam Generator Primary Nozzle Inner Radii, Channel Head Weld, and Manway Bolting,
- Reactor Coolant Pump, Flange bolts, Manway Bolting, Sealwater Cap Screws and Housing Bolts, and Flywheel (TS 5.5.7) and
- Piping welds.
- During the scope of VEGP-1 examinations conducted, no Class 1 components were observed to have either reportable UT, MT, or PT indications.

Four examinations had limited coverage 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. Three of the four limited examinations were submitted to the NRC through the relief request process prior to the 1R12 outage as allowed by 10 CFR 50.55a. The applicable relief request (RR-7 or RR-10) is indicated in the

remarks of the combined Class 1 and Class 2 Weld Examination table. In the case of the other limited examination, a relief request will need to be submitted to the NRC after the last outage of the ISI period. The applicable weld is indicated by "RR-Required" in the remarks of the combined Class 1 and Class 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 maintenance/refueling outage. This system leakage test (LT-1) was performed prior to plant startup following the refueling outage. These visual examinations revealed minor leakage and boron residue at mechanical connections. These leakage conditions were either corrected or evaluated and determined acceptable for continued system operation per approved plant procedures.

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). Those activities will be completed prior to the end of the inspection period.

#### **Class 2 Examinations**

Selected Class 2 components were examined utilizing UT, PT 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 Welds,
- Boron Injection Tank Welds
- Residual Heat Removal Heat Exchanger Welds
- Safety Injection Pump and
- Piping Welds.

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

Six examinations had limited coverage 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.

Three of the six limited examinations were submitted to the NRC through the relief request process prior to the 1R12 outage as allowed by 10 CFR 50.55a. The applicable relief request (RR-14 or RR-16) is indicated in the remarks of the combined Class 1 and Class 2 Weld Examination table. In the case of the remaining three limited examinations, a relief request will need to be submitted to the NRC after the last outage of the ISI period. The applicable three welds are indicated by "RR-Required" in the remarks of the combined Class 1 and Class 2 Weld Examination table.

#### Class 2 Pressure Tests

Table IWC-2500-1, Examination Category C-H, of ASME Section XI 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 leakage or residue at mechanical joints such as valve stem packing and at flanged connections. These leakage conditions were either corrected or evaluated and determined acceptable for continued system operation per approved plant procedures.

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. 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),
- Safety Injection System Equipment and Piping (1204),
- Residual Heat Removal (1205),
- Containment Spray (1206),
- Chemical and Volume Control System Equipment and Piping (1208),
- Main Steam (1301),
- Auxiliary Feedwater (1302), and
- Condensate and Feedwater (1305).

The visual examination resulted in one support component having an unacceptable condition as follows:

• Residual Heat Removal System, Rigid Strut, (11205-003-H012). During visual examination, spherical bearings were frozen at both ends of strut. Refer to INF I05V1001.

## Class MC Containment Examinations and Tests (IWE)

#### Category E-A, Containment Surfaces

The rulemaking contains a modification that requires a general visual examination once each period for Examination Category E-A, Containment surfaces. No general visual examination of the accessible surface areas of the Containment vessel pressure retaining boundary were scheduled or performed in 1R12.

#### Category E-B, Pressure-Retaining Welds

The rulemaking contains a modification that makes examinations of Subsection IWE, Category E-B optional. SNC has chosen to not examine Category E-B welds at VEGP.

#### Category E-C, Containment Surfaces Requiring Augmented Examination

Any existing surface areas likely to experience accelerated degradation and aging need to be identified. Such areas (if identified) require the performance of augmented examinations as defined in Examination Category E-C. There are no existing areas in VEGP-1 requiring Category E-C examination.

#### Category E-D, Seals, Gaskets, and Moisture Barriers

During the VEGP-1 Spring 2005 maintenance/refueling outage, a VT-3 of 100% of the moisture barrier was performed in response to the NRC rulemaking to 10 CFR 50.55a, in which the requirements of Subsections IWE, to the 1992 Edition of ASME Section XI with 1992 Addenda, were invoked. The examination was performed by SNC personnel using VEGP procedure 85053-C, Revision 2, "Visual Examination for ASME XI Subsection IWE and IWL, and General Visual Examination, and Web were qualified per VEGP procedure 85001-C, Revision 11.1, "Qualification of Inspection, Examination, and Testing Personnel". This VT-3 examination of the moisture barrier confirmed the absence of any flaws or areas of degradation that may violate the leak tight integrity of Containtment.

SNC has chosen to implement Request for Relief (RR-E-1) to allow leak tightness of seals and gaskets to be verified by 10 CFR 50, Appendix J Type B testing (LLRT). The NRC approved SNC's use of RR-E-1 in its June 16, 2000, letter to SNC. The Type B test results, along with the Type C test results, are available at the plant site for review upon request in accordance with 10 CFR 50 Appendix J Option B.

#### Category E-F, Pressure-Retaining Dissimilar Metal Welds

The rulemaking contains a modification that makes examinations of Subsection IWE, Category E-F optional. SNC has chosen to not examine Category E-F welds at VEGP.

#### Category E-G, Pressure-Retaining Bolting

One hundred percent (100%) of the accessible pressure-retaining bolting (bolts and studs) are required to be examined during the interval using a VT-1 visual examination method. No VT-1 examinations of the accessible Containment boundary pressure-retaining bolting were scheduled or performed during 1R12.

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

#### <u>NOTE</u>

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 twelfth maintenance/refueling outage (1R12) at VEGP-1.

#### **Introduction**

During 1R12 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 1 and 4, in parallel from March 14 to April 2, 2005. At the start of 1R12 each SG had 5626 tubes with six (6) plugged tubes in SG 1 and fourteen (14) plugged tubes in SG 4. The base inspection scope for SGs 1 and 4 follows:

- 100% full length bobbin (except for Rows 1 and 2, which are inspected from tube end to tube support plate (TSP) #7 from both hot leg side (HL) and cold leg side (CL));
- 50% HL TTS, ± 3", mid-range +Point examination;
- 50% U-bend (Rows 1 and 2) +Point examination;,
- Special interest +Point examination of areas identified during the bobbin inspection;
- 100% of the dents and dings ≥ 5 volts (by bobbin), not previously inspected, in the U-bend and HL areas with +Point examination;
- Special interest +Point examination of areas related possible loose parts;
- Visual inspection of tube plugs;
- Greater than 20% of total HL side expanded tubesheet section bulges (BLG) and over-expansions (OXP) +Point examination.

In addition to the above 1R12 data collected, a review was performed of all 1R10 Bobbin data for SG 1 and 4 to look for an artifact that indicated susceptibility to SCC found at Seabrook and Braidwood. There were no similar indications found in the Vogtle Unit 1 Bobbin data for SGs 1 and 4. The review was performed using information provided by the Electric Power Research Institute (EPRI) Steam Generator Management Program (SGMP). No potential ODSCC precursor signals at the TSPs were reported in those tubes which were identified in the review for special monitoring as being tubes potentially more susceptible to crack initiation at TSPs.

The initial sample of greater than 20% of total BLGs and OXPs in the tubesheet was selected from the region TTS -10" to +3", selecting from the largest BLG amplitudes in descending order and from the BLG locations with voltage >18V and where OXP>1.5 mils diametral excess to the extent necessary to exceed the 20% sample. Expansion of the inspection occurred and is described in a later section.

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-1381-GAE. That report will be available at the plant site for review upon request.

#### Scope Expansion

A scope expansion was implemented in accordance with Technical Specifications and EPRI Report 1003138, Pressurized Water Reactor Steam Generator Examination Guidelines, Table 3-2 due to crack indications detected in SG 4. The crack indications were in 2 tubes at BLG locations: a single circumferential indication within 1" of top of tubesheet (TTS) in 1 tube, and multiple circumferential indications within 2" of TTS in the other tube. The inspection in SG 4 was expanded to 100% of BLGs and OXPs in the tubesheet. The inspection was also expanded into SG 2 and SG 3, in which a sample inspection of greater than 20% of the tubesheet BLGs and OXPs was performed, with the initial sample in these SGs being selected similarly to the initial samples in SG 1 and SG 4. No additional crack indications were detected in the expanded inspections.

#### **Tube Inspection Plan**

Steam generator tube inspections conducted during 1R12 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 analysis. SNC site-specific Data Analysis Guidelines and procedure MRS 2.4.2 GPC-37, Rev. 11, "Steam Generator Eddy Current Data Analysis Techniques for Vogtle Units 1 and 2", were used to perform the analysis.

#### Tube Wear

Tables 1 - 4 list the locations and percent of wall thickness penetration for indications in all tubes having indications identified during the 1R12 inspection, including expansions.

#### **Tube Plugging**

Two tubes in SG 4 were plugged in 1R12 with mechanical plugs as listed in Table 1 below because of multiple circumferential indications (MCI) detected in R11C88 and a single circumferential indication (SCI) detected in R6C101. The indications were attributed to Primary Water Stress Corrosion Cracking (PWSCC). Both tubes had stabilizers installed in the hot leg side. No tubes in SG 1, SG 2, or SG 3 were plugged.

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. 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 1R12. The subject report was submitted to the NRC by SNC letter NL-05-0688, on 4/12/05.

#### **Final Results**

Inspection was performed in all four VEGP Unit 1 SGs. SG 1 and SG 4 were inspected as part of the original base scope, with inspections in SG 2, SG 3, and SG 4 expanded consistent with TS and EPRI guidelines requirements. The required expansion for SG 1 was met by the initial eddy current sample. There are three (3) tube degradation mechanisms in the Vogtle 1 SGs: AVB wear, PWSCC in tube sheet joint bulge locations, and loose parts wear. The wear at AVBs continues to progress very slowly, in line with predictions and consistent with industry experience and trends. The progression of tube wear associated with loose parts is very slight and reflects the attention paid to secondary side cleanliness. The two tubes with PWSCC in the tubesheet joint bulges were free from detectable degradation in 1R8; thus the modest extent of the 1R12 indications suggests slow progression after initiation.

#### AVB Wear

AVB wear is the only systematic degradation mechanism that has been observed at Vogtle 1. Based on application of conservative AVB wear growth rates, the condition of the Vogtle 1 SG 2 and SG 3 tubes have been analyzed with respect to continued operability of the SGs until the end of Cycle 13, without exceeding the structural integrity recommendations of draft Reg. Guide 1.121. For SG 1 and SG 4 the growth rates were determined by comparative analysis of AVB wear sites from 1R10 and 1R12. The growth values obtained were not large enough to present a likelihood that conditions exceeding Reg. Guide 1.121 structural limit would occur during the estimated 2.8 EFPY operating interval from 1R12 to 1R14 for SGs 1 and 4, nor during the estimated 2.8 EFPY operating interval from 1R11 to 1R13 for SG 2 and SG 3.

#### PWSCC in Tubesheet Joint Bulges

Given the small number of crack indications detected during 1R12, and the fact that they are found below the TTS in specifically targeted BLG/OXP locations, that they are precluded from burst, and did not present characteristics that challenged tube performance criteria during Cycle 12, it can be assumed that the incidence of such cracks during Cycle 13 will not differ significantly from what was observed during 1R12. Therefore it is expected that for SG1-4 the performance criteria for operations until 1R13 (1.4 EFPY estimated operating interval) will not be exceeded. The analysis of Cycle 13 with respect to circumferential PWSCC found in 2 tubes in SG4 will demonstrate on the basis of industry experience and the limited number and relative small sizes of the cracks observed that the incidence of cracks presenting a challenge to the tube integrity performance criteria is very unlikely during Cycle 13.

#### Foreign Objects

The small foreign object identified in the secondary side inspections in SG 1 (4/97 and 5/96) is fixed in place and poses no challenge to tube integrity during the operating interval encompassing Cycles 13 and 14. Review of the IN2002-02 information relative to the potential damage due to severing previously plugged tubes was not relevant since there were no visual or EC indications of significant loose parts wear.

Attached are the Westinghouse tables listing the percent of wall thickness penetration for indications identified during the 1R12 inspection in Steam Generators 1 through 4.

Page 1 of 3

+			···•				+			<b>.</b> .	+-	+	••		31/2005	
	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2 I	CRLEN	CRWID	CEG BEGT	ENDT	PDIA	PTYPE	СА
38 38	16 16	.52	0	PCT PCT	17	P2		.03 .10		-		TEH	TEC TEC	.560	RBARH RBARH	1
38	16	.49 1.57	0 0		16 32		AV3	.00					TEC	.560	RBARH	1
38	16	.33	0	PCT	12	P2	AV5	.13				TEH	TEC	.560	RBARH	1
35	18	.44	0	РСТ	14	P2	AV6	.14				TEH	TEC	.560	RBARH	1
41	18	.40	ø	PCT	13		AV4	.08					TEC	.560	RBARH	1
41 41	18 18	.26 .45	0	PCT PCT	10 15		AV5 AV6	.00 .03					TEC TEC	.560 .560	RBARH RBARH	1
40	20	.32	Ø	PCT	11	P2	AV4	03				TEH	TEC	.560	RBARH	1
43	21	1.17	0	PCT	27	PZ	AV5	.00				тен	TEC	.560	RBARH	2
43	21	.32	0	PCT	11		AV6	.08					TEC	.560	RBARH	2
44	21	.43	0	PCT	14	P2	AV5	.00				TEH	TEC	.560	RBARH	2
41	23	.34	0	PCT	11	P2	AV4	.00				TEH	TEC	.560	RBARH	2
49	27	.31	0	РСТ	10	P2	AV3	.00				TEH	TEC	.560	ZBALC	10
50	29	.25	0	PCT	10		AV1	05					TEC	.560	RBARH	10
50	29	.30	Ø	PCT	11	P2	AV2	05				TEH	TEC	.560	RBARH	10
45	30	.36	Ø	PCT	12	P2	AV3	.00				тен	TEC	.560	ZBALC	9
52 52	33 33	.54 .57	0 0	PCT PCT	16 17		AV2 AV3	.00 .00					TEC TEC	.560 .560	ZBALC ZBALC	9 9
40	34			PCT			AV2	.00					TEC	.560		9
40	34	.27 .45	0	PCT	14	P2	AV4	.00				TEH	TEC	.560	ZBALC	9
40	34	.34	0	PCT	11	P2	AV6	.00					TEC	.560	ZBALC	9
42	34	.45	Ø	PCT	14	P2	AV4	.00				TEH	TEC	.560	ZBALC	9
54	36	.23	0	РСТ	9	P2	AV2	.00				TEH	TEC	.560	RBARH	10
42	37	.34	0	PCT	13	P2	AV6	03				TEH	TEC	.560	RBARH	10
54 54	37 37	.27 .39		РСТ РСТ	10 14		AV1 AV6	.00 .08					TEC TEC	.560 .560	RBARH RBARH	10 10
52	39	.76		PCT	23		AV2	.00					TEC	.560	RBARH	10
52	39	1.43	0	PCT	32	P2	AV3 AV4	10				TEH	TEC TEC		RBARH RBARH	10
52 52	39 39	1.07 .36	ø	PCT PCT	28 13		AV5	08 08					TEC	.560	RBARH	10
53	39	.31	0	PCT	12	P2	AVG	.00				ТЕН	TEC	.560	RBARH	10
42	43	.28	Ø	PCT	11	P2	AV2	.03				тен	TEC	.560	RBARH	10
42 42	43 43	.24 .30	0 0	PCT PCT	9 11		AV3 AV4	.16 08					TEC TEC		RBARH RBARH	10 10
42	43	.37	ō	PCT	14		AV5	16					TEC		RBARH	10
41	44 44	.62 1.47	0	PCT	18 30		AV2	.00 .00					TEC TEC		ZBALC ZBALC	10 10
41																
52	44	.97	0	PCT	23		AV4	.00					TEC		ZBALC	9
57 57	44 44	.62 2.01	0 100	PCT PCT	20 38		AV4 AV5	.05 .03					TEC TEC	.560 .560	RBARH RBARH	9 9
57	44	.32	0	PCT	11	P2	AV6	.03				ТЕН	TEC	.560	RBARH	9
54	45	.21	0	PCT	7	P2	AV2	05				тен	TEC	.560	RBARH	9
57 57	45 45	.67 1.57		PCT PCT	21 34		AV2 AV3	23 .03					TEC TEC		RBARH RBARH	9 9
57	45	.30	0	РСТ	10	P2	AV5	.13				TEH	TEC	.560	RBARH	9
57	45	.43	0		15		AV6	13					TEC	.560	RBARH	9
40 40	47 47	.95 1.23		PCT PCT	26 30		AV3 AV4	.00 .00					TEC TEC		RBARH RBARH	10 10
40 40	47	.28 .35		PCT	11 13	P2	AV5 AV6	.00				TEH	TEC TEC		RBARH RBARH	10 10
				PCT			AV2	.00					TEC		ZBALC	10
39 39	48 48	.36 .69	Ø	РСТ	12 20	P2	AV3	. ଡ୍ଡ				TEH	TEC	.560	ZBALC	10
39 39	48 48	.61 .41		PCT PCT	18 13		AV4 AV5	.00 .00				TEH Teh	TEC TEC		ZBALC ZBALC	10 10
+	COL	VOLTS	+				+		INCH2 I				+ +	+	PTYPE	 CA

## TABLE 1 – SG 1 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

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gtle	1 U1R	12						GAE	20050301			03/	31/2005	22:35
ROM	COL	VOLTS	DEG	IND	PER	CHN	LOCN		INCH2 I CRLEN		ENDT	PDIA	ΡΤΥΡΕ	CAL
41	51	.29		РСТ	11		AV4	05			TEC	.560		104
54 54	53 53	.27 .25	0	РСТ РСТ	9 9		AV2 AV3	.03 .00			TEC	.560 .560	RBARH RBARH	96 96
40	62	.23		PCT	11		AV5	.00			I TEC	.560	ZBALC	106
59	62	.27	0		9		AVG	.00			TEC	. 560	RBARH	116
40	75	.24	0	PCT	8	P2	AV3	.00		TE	TEC	.560	ZBALC	82
58	75	. 27	ø	РСТ	8	P2	AVI	.00		TEF	I TEC	. 560	ZBALC	110
58	76	.30	ø	РСТ	7	P2	AVG	.00		TE	I TEC	. 560	ZBALC	110
37	77	.32	0	PCT	7		AV3	.36			TEC	.560	ZBALC	110
37 57	77 78	.27 .39	0	РСТ РСТ	6 14	P2	AV6 AV6	.03 .03		TEI	I TEC	.560 .560	ZBALC ZBALC	110
41	80	.33	0		14		AV3	.03			I TEC	.560		84
44	80	.25		PCT	9		AV4	.15			TEC		ZBALC	84
43	81	.40	0	PCT	13	P2		.00			TEC	.560	ZBALC	82
43	81	.25	0	РСТ	8	P2	AV5	.00		TEH		.560	ZBALC	82
43	82	.36		РСТ	13		AV3	.08	•		TEC	.560		84
43 43	83 83	.25 .39	0	РСТ РСТ	8 13	P2	AVI AV3	.00 .00		TEF	TEC TEC	.560	ZBALC	82 82
43 43	83 83	.75 .41	0	РСТ РСТ	20 13		AV4 AV5	.00 .00			I TEC	.560 .560	ZBALC ZBALC	82 82
54	83	.26	0	РСТ	11		AV1	.00			TEC	.560	ZBALC	70
54 43	83 85	.38	0 0	РСТ РСТ	15 11	P2	AV6 AV2	.10 .26		TE	I TEC	.560 .560	ZBALC ZBALC	70 84
39	87	.25		PCT	8		AV4	.20			I TEC		ZBALC	88
48	87	.34		PCT	14		AV6	. 13			TEC	.560	ZBALC	70
53	87	.29	Ø	РСТ	12		AV3	.08		TEI	TEC	.560	ZBALC	76
49	88	.32	0	РСТ	11	P2	AV4	.06		TE	TEC	.560	ZBALC	76
39 39	90 90	.23 .31	Ø 0	РСТ РСТ	8 11	P2 P2	AV2 AV3	.00 .00			TEC	.560 .560	RBARH RBARH	60 60
45	90	.37	0		12		AV2	.00			TEC	. 560	ZBALC	82
45	90	.26	Ø	РСТ	9	P2		.00			TEC	.560	ZBALC	82
53	90	.54		PCT	15		AVG	.00			TEC		ZBALC	82
43 43	91	1,48	Ø	PCT PCT	19	P2	AV2 AV3	.00 .00		TEF	I TEC	.560	ZBALC	84 84
43 52	91 91	.42	0	РСТ РСТ	14 12		AV4 AV1	.00 - <i>.</i> 05			I TEC	.560	ZBALC ZBALC	84 84
48	97	.34		PCT	12		AV1	.00			I TEC	.560	RBARH	66
47	99	.31		PCT	10		AV2	.00			TEC		RBARH	GE
	100	.25		РСТ	8		AVS	.00		TEI	TEC	. 560	ZBALC	58
37	102	.48	Ø	РСТ	15	P2	AV5	.00		TEI	TEC	. 560	RBARH	66
35	104	.31	0	РСТ	11	P2	AV3	.00		TE	I TEC	.560	RBARH	60
	104	.30		PCT	11		AV4	.00			TEC	.560		62
	104	.27		PCT	10		AV5	.00			I TEC	.560 560	ZBALC ZBALC	62 62
	104 104	.30		РСТ РСТ	11 16		AV4 AV6	.00 - <i>.</i> 05			TEC		ZBALC	62
	104	.48		PCT	11		AV3	.03			I TEC		RBARH	66
• • • •	COL	VOLTS		4	+	+	+-		INCH2 I CRLEN		++			CAL

2

#### TABLE 1 – SG 1 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

## Page 3 of 3

	1 U1	P12						GAF	2005030	•					03/	31/2005	22.35	
gtið	1 01	N12						VAL	2003030	•					057	5172005	22.00	•
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	ï	CRLEN	CRWID	CEG BEG	T ENDT	PDIA	ΡΤΥΡΕ	CAL	+ +
38	108	.26	0	РСТ	9	P2	AV6	.05					TE	Н ТЕС	.560	ZBALC	62	
27	115	. 29	0	PCT	11	P2	AV1	.00					TE	н тес	.560	RBARH	66	,
27	115	.31	0	PCT	11	P2	AV6	.18					TE	н тес	.560	RBARH	66	
28	115	. 38	0	PCT	13	P2	AV1	.18					TE	H TEC	.560	RBARH	66	
28	115	1.17	0	РСТ	27	P2	AV6	. 00					TE	H TEC	.560	RBARH	66	
23	116	, 34	0	PCT	11	P2	AV6	. 00					TE	Н ТЕС	.560	ZBALC	62	
24	116	, 39	0	PCT	13	P2	AV6	. 23					TE	н тес	.560	RBARH	66	
26	116	.34	0	PCT	12	P2	AV1	.00					TE	Н ТЕС	.560	RBARH	66	
26	116	.69	0	PCT	20	P2	AV6	.00					TE	H TEC	.560	RBARH	66	
NOW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCHI	INCH2	ī	CRLEN	CRWID	CEG BEC	T ENDT	PDIA	PTYPE	CAL	Ĩ

Tubes: 66 Records: 110

4-6

SG - 2 LISTING OF UIR12 PERCENT THROUGH WALL I	NUICATIONS	ECH SPEC RE	PORTING REQUI	REMENT		
Vogtle 1 U1R12	GAE 20	050301			05/16/20	05 14:20:48
ROW COL VOLTS DEG IND PER CHN LOCN	INCH1 I	NCH2 I C	RLEN CRWID	CEG BEGT ENDT	PDIA PTYP	E CAL LI
I ROW COL VOLTS DEG IND PER CHN LOCN	·····	<b>+ +</b>	· + + ·	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• <b>•</b> • • • • • • • • • • • • • • • • •
		++	····+····+	····	•••••	-+++

4-7

Tubes: 0 Records: 0

#### TABLE 3 – SG 3 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

SG - 3 LISTING OF UIR12 PERCENT THROUGH WALL INDICATIONS (TECH SPEC REPORTING REQUIREMENT)	· · · · · · · · · · · · · · · · · · ·
Vogtle 1 U1R12 GAE 20050301	05/16/2005 14:20:48
I ROW COL VOLTS DEG IND PER CHN LOCN INCH1 INCH2 I CRLEN CRWID CEG BEGT ENDT	PDIA PTYPE CAL LI
ROW COL VOLTS DEG IND PER CHN LOCN INCH1 INCH2 I CRLEN CRWID CEG BEGT ENDT	PDIA PTYPE CAL LI
1	Tubes: 0 Records: 0

## TABLE 4 – SG 4 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

Pglof4

atle	LIST 1 UIR								(TECH SPEC REPORTIN				Ø3/	31/2005	22:35	
-																
ROW		VOLTS						INCH1	INCH2 I CRLEN	CRWID CEG BE				PTYPE	CAL	
27	8	. 47	<b>.</b>	PCT	17	P2	AV6	.00	• • • • • • • • • • • • • • • • • • • •	• •	ген Ген	TEC	.560	RBARH	24	
27	9	.51	ø	РСТ	16	P2	AV5	.00		r	ГЕН	TEC	.560	RBARH	2	
30	9	. 47	0	PCT	15	P2	AV2	.00		-	ГЕН	TEC	.560	RBARH	2	
30	9	1.68	Ō	PCT	33		AV5	1.01				TEC	.560	RBARH	2	
33	12	.26	0	PCT	9		AV2	.15			ГЕН ГЕН	TEC TEC	.560	RBARH	2 2	
33 33	12 12	.22 .28	0	PCT PCT	8 10	P2 P2	AV3 AVG	.00 10				TEC	.560 .560	RBARH RBARH	2	
36	13	.22	C	PCT	9	P2	AV2	.00		r	ГЕН	TEC	.560	RBARH	20	
36	14	.18	0	PCT	8	P2	AV1	.00		1	ГЕН	TEC	.560	RBARH	20	
30	20	. 15	0	PCT	6	P2	AV2	.00		-	ГЕН	TEC	. 560	RBARH	20	
45	22	.26	0	PCT	11		AV5	.00				TEC	.560	RBARH	16	
								.00				TEC		RBARH	16	
39	23	.24		PCT	10		AV3						.560			
41	23	.22	0	PCT	9	P2	AV2	.00				TEC	.560	RBARH	16	
32	25	.16	0	рст	7	P2	AV4	.00		I	ГЕН	TEC	.560	RBARH	20	
40	25	. 22	0	PCT	9	P2	AV3	.00		۱	FEH	TEC	.560	RBARH	16	
40	29	. 22	Ø	РСТ	7	P2	AV2	.08		I	TEH	TEC	.560	RBARH	12	
33	34	. 33	Ø	PCT	12	P2	AV3	.00				TEC	.560	RBARH	10	
33 33	34 34	.24 .33	0	PCT PCT	9 12	P2 P2	AV4 AV5	.15				TEC TEC	.560 .560	RBARH RBARH	10 10	
54	36	. 31	ø	РСТ	11	P2	AV5	.00		1	LEH	TEC	.560	RBARH	10	
54	38	.23	0	PCT	8	P2	AV1	.05		-	ген	TEC	.560	RBARH	12	
36	39	. 69		PCT	21		AV3	.05				TEC	. 560	RBARH	12	
40	39	.24		PCT	8		AV3	. 10				TEC	.560	RBARH	12	
41	39	. 25	Ø	PCT	9	P2	AV3	.00			ГЕН	TEC	.560	RBARH	12	
28	40	. 43	0	PCT	15	P2	AV5	.00		ſ	ГЕН	TEC	.560	RBARH	24	
30	40	. 48	0	PCT	15	P2	AV5	.00		1	ГЕН	TEC	.560	RBARH	10	
55	40	.36	Ø	PCT	12	P2	AV6	.00		٦	TEH	TEC	.560	RBARH	10	
56	41	.36	Ø	РСТ	12	P2	AV5	.00		r	ГЕН	TEC	.560	RBARH	14	
27	43	.31	ຄ	РСТ	11	P2	AV5	10		1	ген	TEC	.560	RBARH	48	
43	46	.56	0	PCT	19	P2	AV6	10		7	ГЕН	TEC	.560	RBARH	50	
58	48	.37	0	PCT	13	P2	AV5	.00		-	ГЕН	TEC	.560	RBARH	48	
27	51	.34	0	PCT	12		AV2	.00				TEC	.560	RBARH	64	
		.28	0	PCT	10		AV3	46				TEC	.560	RBARH	44	
39 39	51 51	.35	Ø	РСТ	12	P2	AV4	18		1	TEH	TEC	.560	RBARH	44	
39 39	51 51	.33 .46	0	РСТ РСТ	11 15		AV5 AV6	13				TEC TEC	.560 .560	RBARH RBARH	44 44	
38	52	. 22	0	PCT	8		AV3	56				TEC		RBARH	44	
38	52	.24	0	PCT	9	P2	AV4	51		7	тен	TEC	.560	RBARH	44	
49 49	54 54	.55 .91		РСТ РСТ	19 26		AV2 AV3	.35				TEC TEC	.560 .560	RBARH RBARH	50 50	
49 49	54 54	1.23	Ø	PCT PCT	31 22	P2	AV4 AV5	.10 03		٦	TEH	TEC TEC	.560	RBARH RBARH	50 50	
		. 69														
38	55	. 23		PCT	8		AV4	.00				TEC	.560	RBARH	44	
57	55	.34	0	PCT	12	P2	AV6	.00		T	ГЕН	TEC	.560	RBARH	48	
39 39	56 56	.41 .37	0 0	PCT PCT	14 13		AV3 AV4	.00 .00		1	ГЕН ГЕН	TEC TEC		RBARH RBARH	52 52	
39	58	.23		PCT	8		AV3	.00				TEC		RBARH	64	
+		•					+				+	+-		<b> +</b> -		٠
	COL	VOLTS						INCH1	INCH2 I CRLEN						CAL	

1

Pg2of4

gt le	1 U1R	12						GAE	20050301				03/	31/2005	22:35
+								••••••							
0W	COL	VOLTS	DEG	IND	PER			INCH1			• • • • • •	<b>*</b> + -	• • • • • •		
39 39	58 58	.44 .36	0 0	PCT PCT	15 12		AV4 AV6	.05 .38				TEC TEC		RBARH RBARH	64 64
39	62	.20	ø	РСТ	7	P2	AV4	.05			TEH	TEC	.560	RBARH	64
40	62	.68	0	PCT	23	P2	AV2	15			TEH	TEC	.560	RBARH	70
40 40	62 62	1.40 .91	0 0	PCT PCT	33 27		AV3 AV4	.10 .23				TEC TEC	.560 .560	RBARH RBARH	70 70
40	62	.29	ø	PCT	12		AV5	.18				TEC	.560	RBARH	70
50 50	63 63	. 43 . 62	0 0	PCT PCT	15 19	P2 P2		08 15				TEC TEC	.560 .560	RBARH RBARH	106 106
50	63	.60	ø	PCT	19	P2		. 18			TEH		.560	RBARH	100
28	65	.29	ø	PCT	10	P2	AV5	17			TEH	TEC	. 560	RBARH	64
58	65	.32	Ø	РСТ	13	P2	AV1	.00			TEH	TEC	.560	RBARH	56
43 43	66 66	.36 .40	0 0	РСТ РСТ	13 14	P2 P2		.00			TEH Teh	TEC TEC	.560 .560	RBARH RBARH	106 106
58	73	.34		PCT	14		AV6	.13			ТЕН	TEC	.560	RBARH	58
38	74	.22	ø	РСТ	9	P2	AV2	. 12			тен	TEC	.560	RBARH	72
39	75	.45	ø	РСТ	16		AV5	. 00				TEC	. 560		74
39	75	.15	0	РСТ	7	P2	AV6	.00			TEH		.560	RBARH	74
38 38	76 76	.34 .51	0	РСТ РСТ	12 17	P2		15 20			TEH	TEC TEC	.560 .560	RBARH RBARH	72
38	76	.22	0	PCT	9	P2		•.10				TEC	.560	RBARH	72
50 50	76 76	.35 .99	0 0	PCT PCT	15 28	P2 P2	AV3 AV5	.03			TEH TEH	TEC TEC	.560 .560	RBARH RBARH	58 58
40 40	78 78	.49 .46	0	РСТ РСТ	17 16		AV2 AV3	. 00 . 00				TEC TEC	.560 .560	RBARH RBARH	110 110
36	79	.40	0		13		AV4	.00				TEC	. 560	RBARH	110
56	81	.30		PCT	13		AV6	08				TEC	.560	RBARH	58
28	82	.25		PCT	10		AV5	.00			TEH	TEC	.560	RBARH	96
40	82	.62	ø	PCT	19		AV3	13				TEC	.560	RBARH	78
40	82	.98	Ø	PCT	26	P2		. 10				TEC TEC	.560 .560	RBARH RBARH	78 56
55 40	82 84	. 32		PCT PCT	13 11		AV5 AV2	.00 .08				TEC	.560	RBARH	78
40	84	.31 .20	ē	PCT	7	P2		.00				TEC	.560	RBARH	78
38	86	.38	ø	PCT	14	P2	AV4	08			TEH	TEC	.560	RBARH	78
40	86	.32	Ø	РСТ	12	P2	AV4	.08			TEH	TEC	.560	RBARH	78
40 40	87 87	.48 .57	0 0		16 18		AV4 AV5	08 .00				TEC TEC	.560 .560	RBARH RBARH	78 78
40	88	.30	ø	РСТ	11		AV3	.08				TEC	.560	RBARH	78
40 40	88 88	.64 .36	0	PCT PCT	20 13	P2	AV4 AV5	05 .08			TEH	TEC TEC	.560 .560	RBARH RBARH	78 78
40	88	.40	Ø	РСТ	14		AV6	. 10				TEC	.560	RBARH	78
53	89	.28		PCT	11		AV4	.00				TEC	.560		74
40 40	90 90	.18	0	PCT PCT	6 12	P2	AV3 AV4	.00 13			TEH	TEC TEC	.560	RBARH RBARH	78
40	90	. 20	0	PCT	7		AV5	.00				TEC		RBARH	78
53 53	90 90	.24	0	PCT PCT	10 12	P2	AV1 AV5	.00 .00			TEH	TEC TEC	.560	RBARH RBARH	74
53 33	90 91	.36	0	РСТ РСТ	13 8		AV6 AV2	.00				TEC TEC	.560 .560	RBARH RBARH	80
33 40	92	.23		PCT	12		AV2	.03				TEC	.560		76
40	92	.43	õ	PCT	15		AV5	.00			TEH	TEC	.560	RBARH	78
43	92	.30		PCT	11		AV3	.00			• • • • • •				
	COL	VOLTS						INCH1		CRWID CE				PTYPE	CAL

## TABLE 4 – SG 4 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

Pg 3 of 4

gtle	1 U1R	12						GAI	20050301					Q3/	31/2005	22:3
			DEG	IND	PER	CHN	LOCN		INCH2 I	CRLEN	CRWID	CEG BEGT	ENDT	PDIA	PTYPE	CA
40 40	93 93	.27 .31		РСТ	10 11	P2	AV2 AV5	.00 13	••••			тен	TEC TEC		RBARH RBARH	777
40	95	.31	0		10		AV2	.15					TEC	.560	RBARH	7
40	95	.30	Ö	РСТ	11	P2	AV3	18				тен	TEC	.560	RBARH	7
40 40	95 95	.95 .33	0	РСТ РСТ	25 12		AV4 AV5	.00 05					TEC TEC	.560 .560	RBARH RBARH	7
49	95	.24	0	PCT	10	P2	AV3	.00				тен	TEC	.560	RBARH	7
38	96	.20	Ø		9 5		AV2	31					TEC TEC		RBARH	8
38 38	96 96	.10 .19	0		5 9		AV4 AV5	17 .17					TEC	.560 .560	RBARH RBARH	8 8
44	96 96	.17	0		8		AV2	.00					TEC	.560	RBARH	8) 8)
44 44	96 96	.76 .76	0		24 23	P2	AV3 AV4	.00 .00				TEH	TEC TEC	.560 .560	RBARH RBARH	8
44 41	96 97	.32	0	РСТ РСТ	13 14		AV6 AV5	.00 10					TEC TEC	.560 .560	RBARH RBARH	8
44	97	.40	0		15		AV2	.10					TEC	.560	RBARH	8
44	97 97 97	.68	0 0		20	P2	AV4	17				TEH	TEC	.560	RBARH	8
48	97	.83 .32	-	PCT	23 12		AV5 AV6	.02 .00					TEC	.560 .560	RBARH	7
44	99	.28		PCT	10		AV6	•.18				ТЕН	TEC	.560	RBARH	8
40	100	.28	0		10		AV2	03					TEC	.560		8
40 40	100 100	.22 .28	0 0	PCT PCT	8 10		AV3 AV4	05 13					TEC TEC	.560 .560	RBARH RBARH	8
40 40	100 100	.28 .32	0	PCT PCT	10 11		AV5 AV6	13 05				тен	TEC TEC	.560	RBARH RBARH	8 8
42	100	.46	0	РСТ	16		AV2	.00					TEC	.560	RBARH	8
42 42	100 100	.27 .55	0 0	PCT PCT	10 18	P2 P2	AV3 AV4	08 .05					TEC TEC	.560 .560	RBARH RBARH	8
42	101	. 32	0	PCT	12		AV3	.00					TEC	.560	RBARH	8
42 42	101 101	.61 .67	0 0	PCT PCT	19 20	P2 P2	AV4 AV5	03 .00					TEC TEC	.560 .560	RBARH RBARH	8
43 43	101 101	.44 .91	0 0	PCT PCT	15 25	P2 P2		.00 .03					TEC TEC	.560 .560	RBARH RBARH	8) 8)
45	101	.32	ø	PCT	12	P2		.00					TEC	.560	RBARH	8
45 45	101 101	.26	0 0	РСТ РСТ	9 5	P2 P2	AV5 AV5	45 .10					TEC TEC	.560 .560	RBARH RBARH	8
38	103	.32	0	PCT	12	P2	AV4	05				тен	TEC	.560	RBARH	8
36 36	104 104	.35 .23	0 0	PCT PCT	12 9		AV2 AV3	48 .00					TEC TEC	.560 .560	RBARH RBARH	80 80
	104	.25		PCT	9	P2	AV5	.00					TEC		RBARH	80
38 38	104 104	.26 .54	0	РСТ РСТ	11 18	P2 F2	AV3 AV4	.10 .00					TEC TEC	.560 .560	RBARH RBARH	94 94
38	104	. 29	0	PCT	12	P2		.13					TEC	.560	RBARH	9.
42 42	104 104	.47 .33	0 0	PCT PCT	17 13		AV3 AV4	.00 .09					TEC TEC	.560 .560	RBARH RBARH	9( 9(
36 36	105 105	.27 .33	0 0	PCT PCT	11 13		AV2 AV5	.00 .10					TEC TEC	.560 .560	RBARH RBARH	94 94
40	105	.26	ø	PCT	11		AV2	.03					TEC	.560	RBARH	94
	105 105	.48 .60		PCT PCT	17 20		AV4 AV5	.00 .08					TEC TEC	.560 .560	RBARH RBARH	94 94
	105	. 22		PCT	9		AV3	•.08					TEC		RBARH	9
32	106	.29	Ø	PCT	12	P2	AV3	.00					TEC	.560	RBARH	9
36	106	.23	Ø	PCT	10	P2	AV5	03				TEH	TEC		RBARH	9
40	106 106	.38 .53	0	PCT PCT	14 18	P2	AV3 AV4	05 .05				тен	TEC TEC	.560	RBARH RBARH	9.
	106	.38		PCT	14		AV5	.13	· · · · · · · · • · · • • · · •				TEC		RBARH	9

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#### TABLE 4 – SG 4 PERCENT WALL THICKNESS PENETRATION FOR EACH INDICATION

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									20050301						0112000	22:35
		VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2 I	CRLEN	CRWID	CEG BEGT	ENDT	PDIA	PTYPE	CAL
36 .	107	.32	0	PCT	13	P2	AV3	.00				TEH	TEC	.560	RBARH	94
38	107	.22	0	PCT	8	P2	AV1	.00				ТЕН	TEC	.560	RBARH	94
38	107	.61	0	PCT	20	P2	AV3	.00				TEH	TEC	.560	RBARH	94
38 .	107	.54	0	PCT	18	P2	AV4	05				TEH	TEC	.560	RBARH	94
38	107	2.06	0	РСТ	38	P2	AV5	.00				тен	TEC	.560	RBARH	94
39	107	.27	0	PCT	11	£5	AV3	.00				TEH	TEC	.560	RBARH	96
33	108	.30	0	PCT	12	P2	AV3	10				TEH	TEC	.560	RBARH	96
38	108	.43	Ø	PCT	16	P2	AV4	05				TEH	TEC	.560	RBARH	94
36	109	.30	ø	PCT	12	P2	AV3	.00				TEH	TEC	.560	RBARH	94
32	110	.30	ø	PCT	12	P2	AV3	.03				TEH	TEC	.560	RBARH	94
33	110	.54	ø	PCT	19	P2	AV3	.00				TEH	TEC	.560	RBARH	96
33		.22		PCT	9		AV5	.00					TEC	.560	RBARH	96
33		.17		PCT	7		AV6	.00					TEC	.560	RBARH	96
32	111	. 25	0	РСТ	10	P2	AV1	.00				тен	TEC	. 560	RBARH	94
32	111	.40	e	PCT	15	P2	AV3	.00				тен	TEC	.560	RBARH	94
32	111	.24	0	РСТ	10	P2	AV4	.00				TEH	TEC	.560	RBARH	94
33		.53		РСТ	18		AV3	. 12					TEC	.560		96
33		.57		PCT	20		AV4	.00					TEC	. 560		96
33	111	.53	C	PCT	19	P2	AV6	.00				TEH	TEC	.560	RBARH	96
30	113	.31	0	PCT	12	P2	AV5	.03				тен	TEC	.560	RBARH	94
30	114	1.00		PCT			AV5	.00					TEC		RBARH	94

Tubes: 98 Records: 176

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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
	R1.13		11208-005-CV110	ES-MISN-V-466		S05V1U563	T&C	INF - 105V1003
-	1CV-110		3" PIPE DS (FO-0200, 201, 202)					
B2.11			11201-V6-002-W05	ES-MISN-V-411	403A, 411A	S05V1U588	NRI	UT lindications.
B-B			LOWER SHELL TO LOWER HEAD			S05V1U589	RI	Acceptable
			WELD			S05V1U590	RI	
						S05V1U591	NRI	
						S05V1U592	NRI	
						S05V1U593	NRI	
						S05V1U594	RI	
						S05V1U595	NRI	
B2.12			11201-V6-002-W09	ES-MISN-V-411	403A	S05V1U562	NRI	NA
B-B			LOWER SHELL LONGITUDINAL			S05V1U564	NRI	
			WELD			S05V1U565	NRI	
						S05V1U566	NRI	
B3.110		MT PER RR-7	11201-V6-002-W14	ES-MISN-V-411	411A	S05V1M001	NRI	NA
B-D			UPPER HEAD TO 4" SPRAY	ES-MISN-V-505		S05V1U574	NRI	
			NOZZLE WELD			S05V1U575	NRI	
						S05V1U576	NRI	
						S05V1U577	NRI	
B3.110		MT PER RR-7	11201-V6-002-W16	ES-MISN-V-411	411A	S05V1M005	NRI	Limit exam, RR-7
B-D			14" SURGE NOZZLE WELD TO	ES-MISN-V-505		S05V1U583	NRI	
			LOWER HEAD			S05V1U584	NRI	
						S05V1U585	NRI	
						S05V1U586	NRI	
B3.120 B-D			11201-V6-002-IR-05 4" SPRAY NOZZLE INNER RADIUS	ES-MISN-V-416	411A	S05V1U581	NRI	NA
B3.140 B-D			11201-B6-001-IR-01 INLET NOZZLE INNER RADIUS	ES-MISN-V-715		S05V1V210	SAT	NA

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
B3.140 B-D			11201-B6-001-IR-02 OUTLET NOZZLE INNER RADIUS	ES-MISN-V-715		S05V1V212	SAT	NA
B3.140 B-D			11201-B6-004-IR-01 INLET NOZZLE INNER RADIUS	ES-MISN-V-715		S05V1V215	SAT	NA
B3.140 B-D			11201-B6-004-IR-02 OUTLET NOZZLE INNER RADIUS	ES-MISN-V-715		S05V1V216	SAT	NA
B5.40 B-F	R1.15 1RCS-041		11201-V6-002-W17 6" SAFETY NOZZLE TO SAFE END WELD	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	324A, 355A	S05V1V086	SAT	NA
В5.40 В-F	R1.15 1RCS-035		11201-V6-002-W18 6" SAFETY NOZZLE TO SAFE END WELD	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	324A, 355A	S05V1V087	SAT	NA
85.40 B-F	R1.15 1RCS-036		11201-V6-002-W19 6" SAFETY NOZZLE TO SAFE END	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	324A, 355A	S05V1V088	SAT	NA
B5.40 B-F	R1.15 1RCS-037		11201-V6-002-W20 6" RELIEF NOZZLE TO SAFE END WELD	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	324A, 355A	S05V1V089	SAT	NA
B5.40 B-F	R1.15 1RCS-019A		11201-V6-002-W21 4" SPRAY NOZZLE TO SAFE END WELD	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	326A, 356A	S05V1U548 S05V1U549 S05V1U550 S05V1U551 S05V1V090	NRI NRI NRI SAT	NA

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
B5.40 B-F	R1.15 1RCS-027		11201-V6-002-W22 14" SAFE END WELD TO SURGE NOZZLE	ES-MISN-V-605 ES-MISN-V-715	315A, 357A	S05V1V112	SAT	UT exam deferred to 1R13
B6.180 B-G-1			11201-P6-002-B01 THRU B24 MAIN FLANGE BOLTS	ES-MISN-V-422	416A	S05V1U561	NRI	NA
B7.30 B-G-2			11201-B6-004-B01 THRU B32 PRIMARY MANWAY BOLTING	ES-MISN-V-715		S05V1V093	SAT	NA
B7.50 B-G-2			11204-078-8 FB 1.5" FLANGE BOLT ASSEMBLY FOR FE-0925	ES-MISN-V-715		S05V1V057	SAT	NA
B7.50 B-G-2			11204-079-12 FB 1.5" FLANGE BOLT ASSEMBLY FOR FE-0926	ES-MISN-V-715		S05V1V058	SAT	NA
B7.50 B-G-2			11208-043-5 FB 1.5" FLANGE BOLT ASSEMBLY FOR RC PUMP 002	ES-MISN-V-715		S05V1V099	SAT	NA
B7.50 B-G-2			11208-045-14 FB 1.5" FLANGE BOLT ASSEMBLY FOR RC PUMP 003	ES-MISN-V-715		S05V1V098	SAT	NA
B7.60 B-G-2			11201-P6-002-B25 THRU B32 1.5" DIA. SEALWATER HOUSING CAP SCREWS	ES-MISN-V-715		S05V1V101	SAT	NA
B7.60 B-G-2			11201-P6-002-B33 THRU B48 2" DIAMETER SEAL- WATER HOUSING BOLTS	ES-MISN-V-715		S05V1V102	SAT	NA
B7.70 B-G-2			11204U6085 VALVE BOLTING (ISI-11204-126)	ES-MISN-V-715		S05V1V091	SAT	NA

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
B7.70 B-G-2			11204U6126 VALVE BOLTING (ISI-11204-023)	ES-MISN-V-715		S05V1V092	SAT	NA
B7.70 B-G-2			11204U6150 VALVE BOLTING (ISI-11204-045 )	ES-MISN-V-715		S05V1V059	SAT	NA
В8.20 В-Н			11201-V6-002-W35 SUPPORT SKIRT WELD	ES-MISN-V-404 ES-MISN-V-505		S05V1M002 S05V1U582	NRI NRI	NA
B9.11 B-J	R1.11 1RCS-006		11201-006-1 31" NOZZLE TO ELBOW	ES-MISN-V-406 ES-MISN-V-605	329A	S05V1U606 S05V1U607	NRI NRI	Limited exam due to nozzle comfiguration. RR-10
B9.11 B-J	R1.11 1RCS-007		11201-007-1 31" NOZZLE TO ELBOW	ES-MISN-V-406 ES-MISN-V-605	329A	S05V1U608 S05V1U609	NRI NRI	Limited exam due to nozzle comfiguration. RR-10
B9.11 B-J	R1.16 1SI-059A		11204-021-16 6" PIPE TO VALVE	ES-MISN-V-481	304A	S05V1U559 S05V1U560	NRI RI	Limited exam 50% RR- Required
B9.11 B-J	R1.11 1RCS-051		11204-024-19 6" PIPE TO BRANCH CONNECTION	ES-MISN-V-481 ES-MISN-V-605	304A	S05V1U571	NRI	NA
B9.11 B-J	R1.11 1RCS-052		11204-025-23 6" PIPE TO ELBOW	ES-MISN-V-481	304A	S05V1U570	NRI	NA
B9.21 B-J	R1.11 1RCS-013		11201-031-2 2" PIPE TO ELBOW	ES-MISN-V-481	346A	S05V1U527 S05V1U528 S05V1U539	NRI NRI T & C	Scan per MRP-24 recommendation.
B9.21 B-J	R1.11 1RCS-013		11201-031-3 2" ELBOW TO PIPE	ES-MISN-V-481	346A	S05V1U529 S05V1U540	NRI T & C	Scan per MRP-24 recommendation.

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
B9.21	R1.11		11201-042-2	ES-MISN-V-481		S05V1U530	NRI	Scan per MRP-24
B-J	1RCS-014		2" PIPE TO ELBOW			S05V1U531	NRI	recommendation.
						S05V1U541	T&C	
B9.21	R1.11		11201-042-3	ES-MISN-V-481		S05V1U532	NRI	Scan per MRP-24
B-J	1RCS-014		2" ELBOW TO PIPE			S05V1U542	T&C	recommendation.
B9.21	R1.11		11201-046-2	ES-MISN-V-481		S05V1U533	NRI	Scan per MRP-24
B-J	1RCS-015		2" PIPE TO ELBOW			S05V1U534	NRI	recommendation.
						S05V1U543	T&C	
B9.21	R1.11		11201-046-3	ES-MISN-V-481		S05V1U535	NRI	Scan per MRP-24
B-J	1RCS-015		2" ELBOW TO PIPE			S05V1U544	T&C	recommendation.
						S05V1U545	T&C	
B9.21	R1.11		11201-048-1	ES-MISN-V-481		S05V1U572	RI	NA
B-J	1RCS-026		3" BRANCH CONNECTION TO PIPE (AI 87-0131)	ES-MISN-V-605		S05V1U573	T&C	
B9.21	R1.11		11201-051-2	ES-MISN-V-481		S05V1U536	NRI	Scan per MRP-24
B-J	1RCS-016		2" PIPE TO ELBOW	ES-MISN-V-605		S05V1U537	NRI	recommendation.
						S05V1U546	T & C	
B9.21	R1.11		11201-051-3	ES-MISN-V-481		S05V1U538	NRI	Scan per MRP-24
B-J	1RCS-016		2" ELBOW TO PIPE	ES-MISN-V-605		S05V1U547	T&C	recommendation.
B9.21	R1.11		11208-007-6	ES-MISN-V-404	334A	S05V1U605	NRI	NA
B-J	1RCS-058		3" PIPE TO BRANCH CONNECTION	ES-MISN-V-605		S05V1U610	T&C	
B13.10		FSAR 5.3.3.7	11201-V6-001-I02	ES-MISN-V-735		S05V1V095	SAT	NA
B-N-1			VESSEL CLOSURE HEAD INTERIOR (FSAR 5.3.3.7)					
B14.10			11201-V6-001-W184	ES-MISN-V-605		S05V1P014	RI	Rounded 0.1" IND.
В-О			CRD HOUSING WELD					Acceptable

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
B14.10	_		11201-V6-001-W188	ES-MISN-V-605		S05V1P015	NRI	NA
B-O			CRD HOUSING WELD					
B16.20		TS 5.5.9, FREQUEN	11201-B6-001-T01	VENDOR	806A-D, 807A,B			Performed by
B-Q			TUBING - ENTIRE LENGTH OF SELECTED TUBES					Westinghouse.
B16.20		TS 5.5.9, FREQUEN	11201-B6-002-T01	VENDOR	806A-D, 807A,B			Performed by
B-Q			TUBING - ENTIRE LENGTH OF SELECTED TUBES					Westinghouse.
B16.20		TS 5.5.9, FREQUEN	11201-B6-003-T01	VENDOR	806A-D, 807A,B			Performed by
B-Q			TUBING - ENTIRE LENGTH OF SELECTED TUBES					Westinghouse.
B16.20		TS 5.5.9, FREQUEN	11201-B6-004-T01	VENDOR	806A-D, 807A,B			Performed by
B-Q			TUBING - ENTIRE LENGTH OF SELECTED TUBES					Westinghouse.
C1.10			11201-B6-002-W04	ES-MISN-V-411	409A	S05V1U596	NRI	NA
C-A			TRANSITION CONE TO LOWER			S05V1U597	NRI	
			CONE END STUB BARREL WELD			S05V1U598	NRI	
						S05V1U599	NRI	
C1.10			11201-B6-003-W05	ES-MISN-V-411	409A	S05V1U552	NRI	NA
C-A			LOWER CONE END STUB			S05V1U553	NRI	
			BARREL TO LOWER SHELL BARREL"B			S05V1U554	NRI	
			DAINLED			S05V1U555	NRI	
C1.20			11204-V6-001-W02	ES-MISN-V-411	418A	S05V1U515	NRI	Limited exam 57%,
C-A			VESSEL HEAD TO VESSEL SHELL			S05V1U516	NRI	RR-14
						S05V1U517	NRI	
						S05V1U518	NRI	

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
C2.21			11201-B6-002-W19	ES-MISN-V-411	409A	S05V1M003	NRI	NA
C-B			16" MAIN FEEDWATER NOZZLE	ES-MISN-V-505		S05V1U600	NRI	
			TO SHELL WELD			S05V1U601	NRI	
						S05V1U602	NRI	
						S05V1U603	NRI	
00.04								
C2.21 C-B			11205-E6-002-W04	ES-MISN-V-404	412A	S05V1P003	NRI	Limited exam, 41.5%. RR- Required
C-B			14" INLET NOZZLE TO TUBE SIDE SHELL WELD	ES-MISN-V-605		S05V1U502	NRI	KK- Kequilea
						S05V1U503	NRI	
C2.21			11205-E6-002-W05	ES-MISN-V-404	412A	S05V1P004	NRI	Limited exam, 41.5%.
C-B			14" OUTLET NOZZLE TO TUBE	ES-MISN-V-605		S05V1U504	NRI	RR- Required
			SIDE SHELL WELD			S05V1U505	NRI	
C2.22			11201-B6-002-IR04	ES-MISN-V-416	409A	S05V1U604	NRI	NA
C-B			MAIN FEEDWATER NOZZLE INNER RADIUS					
C3.10			11204-V6-001-W05	ES-MISN-V-605		S05V1P011	NRI	Limited exam 64%,
C-C			VESSEL SUPPORT PAD WELDED ATTACHMENT					RR-14
C3.20			11204-012-35	ES-MISN-V-605		S05V1P002	NI	NA
C-C			SUPPORT H002			000111002		NA .
C3.20			11204-041-50	ES-MISN-V-605		S05V1P012	NRI	NA
C-C			SUPPORT H027					
C3.20			11204-063-24	ES-MISN-V-605		S05V1P008	NRI	NA
C-C			SUPPORT H006					
C3.20			11205-003-55	ES-MISN-V-605		S05V1P005	NRI	NA
C-C			SUPPORT H012					
C3.20			11205-008-34	ES-MISN-V-605		S05V1P001	NRI	NA
C-C			SUPPORT H030	····-				

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
C3.20			11206-003-2	ES-MISN-V-605		S05V1P006	NRI	NA
C-C			SUPPORT H001					
C3.20 C-C			11206-005-14 SUPPORT H004	ES-MISN-V-605		S05V1P007	NRI	NA
C3.20 C-C			11208-137-25 SUPPORT H006	ES-MISN-V-605		S05V1P009	NRI	NA
C3.20 C-C			11208-411-46 SUPPORT H031	ES-MISN-V-605		S05V1P010	NRI	NA
C3.20 C-C			11301-001-4 SUPPORT H003	ES-MISN-V-505		S05V1M004	NRI	NA
C4.30 C-D			11204-P6-003-B01 THRU B32 PUMP CASING STUDS	ES-MISN-V-422	415A	S05V1U519	NRI	NA
C5.11	R1.11		11205-007-17	ES-MISN-V-481	414A	S05V1U508	NRI	NA
C-F-1	1RHR-011A		8" TEE TO PIPE (AI 87-0131)	ES-MISN-V-605		S05V1U509	NRI	
C5.11 C-F-1	R1.11 1RHR-012A		11205-008-17 8" TEE TO PIPE	ES-MISN-V-481	414A	S05V1U506 S05V1U507	NRI NRI	NA
C5.21	R1.11		11204-063-28	ES-MISN-V-481	303A	S05V1U513	NRI	Limited exam 50%
C-F-1	1SI-064		4" VALVE TO PIPE			S05V1U514	NRI	RR- Required
C5.51 C-F-2	R1.11 1MS-007D	TS 5.5.16 (AUGMEN	11301-004-1 PENETRATION TO 28" PIPE (TS 5.5.16)	ES-MISN-V-480 ES-MISN-V-505	313A	S05V1U520	NRI	NA
C5.51 C-F-2	R1.11 1MS-007D	TS 5.5.16 (AUGMEN	11301-004-2 28" PIPE TO PIPE (TS 5.5.16)	ES-MISN-V-480 ES-MISN-V-505	313A	S05V1U521	NRI	NA

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 1MS-007D	TS 5.5.16 (AUGMEN	11301-004-3 28" PIPE TO 29 1/2" PIPE (TS	ES-MISN-V-480 ES-MISN-V-505	313A, 314A	S05V1U522 S05V1U523	NRI NRI	NA
<b>.</b>			5.5.16)			000110020	- MA	
C5.51	R1.11	TS 5.5.16 (AUGMEN	11301-004-5	ES-MISN-V-480	314A	S05V1U524	NRI	Limited exam 82%, RR-16
C-F-2	1MS-007D		29 1/2" PIPE TO VALVE (TS 5.5.16)	ES-MISN-V-505		S05V1U525	NRI	KK-10
C5.51	R1.13	TS 5.5.16 (AUGMEN	11305-058-7	ES-MISN-V-480	311A	S05V1U526	NRI	NA
C-F-2	1FW-014A		16" VALVE TO PIPE (TS 5.5.16)	ES-MISN-V-505				

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	1	0	11201-B6-004-S01 STEAM GEN SUPP	ES-MISN-V-735	S05V1V125	SAT	NA
F-A	1	0	11201-B6-004-S02 STEAM GEN SUPP	ES-MISN-V-735	S05V1V126	SAT	NA
F-A	1	0	11201-B6-004-S03 STEAM GEN SUPP	ES-MISN-V-735	S05V1V127	SAT	NA
F-A	1	0	11201-B6-004-S04 STEAM GEN SUPP	ES-MISN-V-735	S05V1V128	SAT	NA
F-A	1	0	11201-B6-004-S11 LOWER LAT SUPP	ES-MISN-V-735	S05V1V122	SAT	NA
F-A	1	0	11201-B6-004-S12 LOWER LAT SUPP	ES-MISN-V-735	S05V1V123	SAT	NA
F-A	1	0	11201-B6-004-S13 LOWER LAT SUPP	ES-MISN-V-735	S05V1V124	SAT	NA
F-A	1	4	11201-030-H017 LIN RESTRAINT	ES-MISN-V-735	S05V1V162	SAT	NA
F-A	1	4	11201-030-H021 LIN RESTRAINT	ES-MISN-V-735	S05V1V163	SAT	NA
F-A	1	4	11201-030-H024 RIGID STRUT	ES-MISN-V-735	S05V1V165	SAT	NA
F-A	1	4	11201-030-H025 VAR SPRING	ES-MISN-V-735	S05V1V229	SAT	NA
F-A	1	6	11201-030-H026 MECH SNUBBER	ES-MISN-V-735	S05V1V108	SAT	NA
F-A	1	6	11201-030-H030 RIGID STRUT	ES-MISN-V-735	S05V1V164	SAT	NA
F-A	1	3	11201-048-H002 MECH SNUBBER	ES-MISN-V-735	S05V1V154	SAT	NA

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	1	12	11201-049-H002 MECH SNUBBER	ES-MISN-V-735	S05V1V150	SAT	NA
F-A	1	12	11201-049-H003 VAR SPRING	ES-MISN-V-735	S05V1V217	SAT	NA
F-A	1	12	11201-049-H010 MECH SNUBBER	ES-MISN-V-735	S05V1V149	SAT	NA
F-A	1	12	11201-049-H012 RIGID STRUT	ES-MISN-V-735	S05V1V197	SAT	NA
F-A	1	12	11201-049-H014 RIGID STRUT	ES-MISN-V-735	S05V1V200	SAT	NA
F-A	1	2	11201-051-H001 MECH SNUBBER	ES-MISN-V-735	S05V1V151	SAT	NA
F-A	1	2	11201-051-H005 LIN RESTRAINT	ES-MISN-V-735	S05V1V096	SAT	NA
F-A	1	2	11201-051-H008 MECH SNUBBER	ES-MISN-V-735	S05V1V148	SAT	NA
F-A	1	16	11201-053-H006 MECH SNUBBER	ES-MISN-V-735	S05V1V147	SAT	NA
F-A	1	6	11204-023-H004 VAR SPRING	ES-MISN-V-735	S05V1V097	SAT	NA
F-A	1	2	11204-024-H032 RIGID STRUT	ES-MISN-V-735	S05V1V158	SAT	NA
F-A	1	2	11204-024-H033 RIGID STRUT	ES-MISN-V-735	S05V1V159	SAT	NA
F-A	1	2	11204-024-H034 RIGID STRUT	ES-MISN-V-735	S05V1V160	SAT	NA
F-A	1	6	11204-024-H037 RIGID STRUT	ES-MISN-V-735	S05V1V161	SAT	NA

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	1	2	11204-034-H001 LIN RESTRAINT	ES-MISN-V-735	S05V1V218	SAT	NA
F-A	1	2	11204-034-H002 MECH SNUBBER	ES-MISN-V-735	S05V1V145	SAT	NA
F-A	1	6	11204-045-H018 RIGID STRUT	ES-MISN-V-735	S05V1V109	SAT	NA
F-A	1	6	11204-045-H019 LIN RESTRAINT	ES-MISN-V-735	S05V1V110	SAT	NA
F-A	1	6	11204-045-H021 LIN RESTRAINT	ES-MISN-V-735	S05V1V111	SAT	NA
F-A	1	6	11204-045-H022 LIN RESTRAINT	ES-MISN-V-735	S05V1V113	SAT	NA
F-A	1	6	11204-045-H023 RIGID STRUT	ES-MISN-V-735	S05V1V114	SAT	NA
F-A	1	6	11204-045-H024 LIN RESTRAINT	ES-MISN-V-735	S05V1V115	SAT	NA
F-A	1	6	11204-045-H025 LIN RESTRAINT	ES-MISN-V-735	S05V1V116	SAT	NA
F-A	1	3	11208-001-H026 RIGID STRUT	ES-MISN-V-735	S05V1V157	SAT	NA
F-A	1	3	11208-001-H032 MECH SNUBBER	ES-MISN-V-735	S05V1V143	SAT	NA
F-A	1	1.5	11208-045-H014 LIN RACK 2-D	ES-MISN-V-735	S05V1V155	SAT	NA
F-A	1	1.5	11208-045-H017 LIN RACK 2-D	ES-MISN-V-735	S05V1V156	SAT	NA
F-A	1	1.5	11208-047-H006 MECH SNUBBER	ES-MISN-V-735	S05V1V142	SAT	NA

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	2	0	11201-B6-004-S06 HYDRAULIC SNUBBER	ES-MISN-V-735	S05V1V120	SAT	NA
F-A	2	0	11201-B6-004-S08 HYDRAULIC SNUBBER	ES-MISN-V-735	S05V1V119	SAT	NA
F-A	2	0	11201-B6-004-S10 UPPER SUPP FRAME	ES-MISN-V-735	S05V1V121	SAT	NA
F-A	2	0	11204-P6-003-S01 PUMP SUPPORT	ES-MISN-V-735	S05V1V042	SAT	NA
F-A	2	0	11208-P6-002-S01 SUPPORT BASE	ES-MISN-V-735	S05V1V138	SAT	NA
F-A	2	24	11204-006-H604 VAR SPRING	ES-MISN-V-735	S05V1V245	SAT	NA
F-A	2	8	11204-012-H027 LIN RACK 1-D	ES-MISN-V-735	S05V1V192	SAT	NA
F-A C-C	2	6	11204-041-H021 ANCHOR	ES-MISN-V-735	S05V1V060	SAT	ΝΑ
F-A	2	6	11204-041-H034 RIGID STRUT	ES-MISN-V-735	S05V1V061	SAT	NA
F-A	2	6	11204-041-H040 LIN RACK 2-D	ES-MISN-V-735	S05V1V062	SAT	NA
F-A	2	6	11204-041-H041 RIGID STRUT	ES-MISN-V-735	S05V1V198	SAT	NA
F-A C-C	2	4	11204-063-H006 LIN RESTRAINT	ES-MISN-V-735	S05V1V051	SAT	NA
F-A	2	12	11204-201-H006 RIGID STRUT	ES-MISN-V-735	S05V1V136	SAT	NA

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	2	14	11205-003-H004 VAR SPRING	ES-MISN-V-735	S05V1V196	SAT	NA
F-A C-C	2	14	11205-003-H012 RIGID STRUT	ES-MISN-V-735	S05V1V022 S05V1V208	SAT SAT	INF - 105V1001 Frozen Bearing.
F-A	2	14	11205-003-H013 RIGID STRUT	ES-MISN-V-735	S05V1V104	SAT	NA
F-A	2	8	11205-007-H001 LIN RESTRAINT	ES-MISN-V-735	S05V1V105	SAT	NA
F-A	2	8	11205-007-H058 LIN RACK 2-D	ES-MISN-V-735	S05V1V202	SAT	NA
F-A C-C	2	8	11205-008-H030 LIN RACK 3-D	ES-MISN-V-735	S05V1V040	SAT	NA
F-A C-C	2	12	11206-002-H013T MECH SNUBBER	ES-MISN-V-735	S05V1V144	SAT	NA
F-A	2	12	11206-002-H027 MECH SNUBBER	ES-MISN-V-735	S05V1V064	SAT	NA
F-A C-C	2	8	11206-005-H004 RIGID STRUT	ES-MISN-V-735	S05V1V063	SAT	NA
F-A	2	8	11206-005-H009 MECH SNUBBER	ES-MISN-V-735	S05V1V199	SAT	NA
F-A	2	8	11206-005-H011 LIN RESTRAINT	ES-MISN-V-735	S05V1V201	SAT	NA
F-A	2	8	11206-005-H021 LIN RESTRAINT	ES-MISN-V-735	S05V1V141	SAT	NA

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	2	8	11206-005-H023 LIN RESTRAINT	ES-MISN-V-735	S05V1V035	SAT	NA
F-A C-C	2	8	11206-006-H002 LIN RESTRAINT	ES-MISN-V-735	S05V1V225	SAT	NA
F-A	2	8	11206-006-H004 LIN RESTRAINT	ES-MISN-V-735	S05V1V191	SAT	NA
F-A	2	8	11206-006-H010 LIN RESTRAINT	ES-MISN-V-735	S05V1V177	SAT	NA
F-A C-C	2	8	11206-007-H021 LIN RESTRAINT	ES-MISN-V-735	S05V1V226	SAT	NA
F-A	2	10	11206-008-H082 VAR SPRING	ES-MISN-V-735	S05V1V231	SAT	NA
F-A	2	3	11208-003-H054 LIN RESTRAINT	ES-MISN-V-735	S05V1V103	SAT	NA
F-A	2	6	11208-139-H016 VAR SPRING	ES-MISN-V-735	S05V1V248	SAT	NA
F-A	2	6	11208-141-H006 RIGID STRUT	ES-MISN-V-735	S05V1V140	SAT	NA
F-A	2	4	11208-144-H001 LIN RACK 1-D	ES-MISN-V-735	S05V1V139	SAT	NA
F-A C-C	2	29.5	11301-001-H003 RIGID STRUT	ES-MISN-V-735	S05V1V069	SAT	NA
F-A	2	8	11301-015-H007 MECH SNUBBER	ES-MISN-V-735	S05V1V107	SAT	NA
F-A	2	6	11302-109-H022 MECH SNUBBER	ES-MISN-V-735	S05V1V207	SAT	NA

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ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS	
F-A	2	6	11302-109-H025 MECH SNUBBER	ES-MISN-V-735	S05V1V206	SAT	NA	
F-A	2	16	11305-058-H003 MECH SNUBBER	ES-MISN-V-735	S05V1V205	SAT	NA	
F-A	2	16	11305-058-H006 MECH SNUBBER	ES-MISN-V-735	S05V1V204	SAT	NA	

## SYSTEM PRESSURE TESTS

The following pressure tests on Class 1 and Class 2 components were included in the scope of the maintenance/refueling outage. These pressure tests included system functional tests, system hydrostatic tests, system inservice tests, and system leakage tests. It should be noted that the hydrostatic tests identified were performed to satisfy the "once per ten year" requirements described in ASME Section XI, Code Case N-498-1. These hydrostatic test packages are needed to document tests where the current inservice and functional tests do not fully meet the "once per 10-year" requirements of N-498-1. Boundaries for the pressure tests are described in the VEGP-1 Inservice Inspection Plan - Second 10-Year Interval document. Examination results are discussed in the applicable sections of this report document. The examination data for these pressure tests is available at the plant site for review upon request.

## System Functional Test Schedule (FTs)

<u>FT</u> Number	Exam.	Test
Number	<u>Cat.</u>	Description
4	С-н	Safety Injection Pump 1204-P6-003 Discharge Functional Test
5	С-Н	Safety Injection Pump 1204-P6-004 Discharge Functional Test
8	C-H	Penetration 30 (SI to Cold Legs) Functional Test
10	С-Н	Safety Injection (SI) Pump Suction Functional Test
11	С-Н	Residual Heat Removal System (RHRS) to Chemical and Volume Control System (CVCS) Suction Functional Test
12	C-H	Containment Spray Train "A" Functional Test
13	C-H	Containment Spray Train "B" Functional Test
17	C-H	Line 1208-133 (HV-8104 to Valve 185 Flow Test) Functional Test

## System Hydrostatic Test Schedule (HTs)

<u>HT</u> Number	Exam. Cat.	Test Description
1	В-Р С-Н	Class 1 Hydrostatic Test (Partially performed)
3	C-H	SI, Normal Charging & CS Pump Suction Hydrostatic Test (Partially performed)
4	С-Н	SI Pump Discharge Hydrostatic Test
17	С-Н	Reactor Presure Vessel Head Vent Pipe Hydrostatic Test
95	С-Н	SI Miniflow Hydrostatic Test

### System Inservice Test Schedule (ITs)

<u>IT</u>	Exam.	Test
<u>Number</u>	<u>Cat.</u>	Description
1	C-H	Charging Line Inside Containment Inservice Test
2	C-H	Letdown Line Inside Containment Inservice Test
3	С-Н	Reactor Coolant (RC) Pumps 1, 2, 3, and 4 Seal Leakoff Inside Containment Inservice Test
4	C-H	RC Pump 1 Seal Injection from Penetration 54 to Valve 006 Inservice Test
5	С-Н	RC Pump 2 Seal Injection from Penetration 53 to Valve 359 Inservice Test
6	C-H	RC Pump 3 Seal Injection from Penetration 52 to Valve 360 Inservice Test
7	C-H	RC Pump 4 Seal Injection from Penetration 51 to Valve 361 Inservice Test
8	C-H	Reactor Coolant System (RCS) Hot Leg Sample Lines to Penetration 24 Inservice Test
9	C-H	Sample Line from Valve 101 to Valve HV-3514 Inservice Test
10	C-H	CVCS Inservice Test with Normal Charging Pump Operating (Outside Containment)

<u>IT</u> Number	Exam.	Test Description
<u>Number</u> 11	Cat. C-H	Centrifugal Charging Pump 1208-P6-002 (Train "A") Discharge Inservice Test
11	С-н	Centrifugal Charging Pump 1208-P6-003 (Train "A") Discharge Inservice Test
12	С-н	Accumulator Tank Loop 1 (1204-V6-002) Inservice Test
14	С-н	Accumulator Tank Loop 1 (1204-V6-002) Inservice Test
16	С-Н	Accumulator Tank Loop 3 (1204-V6-004) Inservice Test
17	C-H	Accumulator Tank Loop 4 (1204-V6-005) Inservice Test
18	С-Н	Residual Heat Removal System Train "A" Inservice Test
19	С-Н	Residual Heat Removal System Train "B" Inservice Test
23	С-Н	Refueling Water Storage Tank (RWST) Inservice Test
24	С-Н	Sample Line from Valve 097 to Valve HV-3508 Inservice Test
25	С-Н	Penetration 24 Outside Containment Inservice Test (Post-Accident Sampling)
26	С-Н	Nuclear Service Cooling Water (NSCW) Train "A" Inservice Test (Outside Containment)
30	C-H	NSCW Train "B" Inservice Test (Outside Containment)
34	С-Н	Containment Coolers 1501-A7-001 and 1501-A7-002 Inservice Test
35	С-Н	Containment Coolers 1501-A7-003 and 1501-A7-004 Inservice Test
36	С-Н	Containment Coolers 1501-A7-005 and 1501-A7-006 Inservice Test
37	С-Н	Containment Coolers 1501-A7-007 and 1501-A7-008 Inservice Test
38	С-Н	Cooling Coils 1511-E7-001 and 1515-A7-001 Inservice Test
39	С-Н	Cooling Coils 1511-E7-002 and 1515-A7-002 Inservice Test
45	С-Н	Steam Generator 1201-B6-001 Inservice Test
46	C-H	Steam Generator 1201-B6-002 Inservice Test
47	С-Н	Steam Generator 1201-B6-003 Inservice Test
48	C-H	Steam Generator 1201-B6-004 Inservice Test
49	С-Н	Penetration 7 Inservice Test (Outside Containment Steam Generator 1 Blowdown to Heat Exchanger)
50	С-Н	Penetration 8 Inservice Test (Outside Containment Steam Generator 2 Blowdown to Heat Exchanger)
51	С-Н	Penetration 9 Inservice Test (Outside Containment Steam Generator 3 Blowdown to Heat Exchanger)
52	С-Н	Penetration 10 Inservice Test (Outside Containment Steam Generator 4 Blowdown to Heat Exchanger)
53	С-Н	Penetration 11B Inservice Test (Outside Containment Steam Generator 1 Blowdown to Sample)
54	С-Н	Penetration 11C Inservice Test (Outside Containment Steam Generator 2 Blowdown to Sample)
55	С-Н	Penetration 12B Inservice Test (Outside Containment Steam Generator 3 Blowdown to Sample)
56	С-Н	Penetration 12C Inservice Test (Outside Containment Steam Generator 4 Blowdown to Sample)
57	С-Н	Main Steam Loop 1 Inservice Test (Outside Containment)
58	С-Н	Main Steam Loop 2 Inservice Test (Outside Containment)
59	C-H	Main Steam Loop 3 Inservice Test (Outside Containment)
60	C-H	Main Steam Loop 4 Inservice Test (Outside Containment)
64	С-н	Auxiliary Feedwater (AFW) Inservice Test With Pump 1302-P4-002 (Train "B")
04		Operating
65	С-Н	AFW Inservice Test With Pump 1302-P4-003 (Train "A") Operating
71	C-H	Main Feedwater Loop 1 Inservice Test (Outside Containment)
72	С-Н	Main Feedwater Loop 2 Inservice Test (Outside Containment)
		Main Feedwater Loop 2 Inservice Test (Outside Containment) Main Feedwater Loop 3 Inservice Test (Outside Containment)
73	C-H	
74	С-н	Main Feedwater Loop 4 Inservice Test (Outside Containment)

<u>IT</u> Number	<u>Exam.</u> <u>Cat.</u>	Test Description
79	C-H	Excess Letdown Heat Exchanger Inservice Test
80	С-Н	Residual Heat Removal System Cleanup Inservice Test

## System Leakage Test Schedule (LT)

<u>LT</u>	<u>Exam.</u>	Test
<u>Number</u>	Cat.	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 twelfth maintenance/refueling outage at VEGP-1 (referenced attachments are available at the VEGP plant site for review upon request):

INF No.	Affected Component/Area	INF Disposition
105V1001	11205-003-H012	<ul> <li>During a VT examination of support No. 11205-003-H012, unacceptable conditions were reported. The spherical bearings were frozen at both ends of strut. (Ref. Report No. S05V1V022).</li> <li>Condition Report 2005101743 was initiated. Per RER 1040449701, the frozen bearings would not prevent the pipe support from performing its design function.</li> <li>Work Order 1051525901 corrected this condition by cleaning and lubricating the spherical bearings.</li> <li>No further action is required.</li> </ul>
I05V1002	NA	Not applicable to an ASME Class 1 or 2 examination.
I05V1003	11208-005-CV110	During a UT examination of component 11208-005-CV110, the 2" x 3" expander downstream of flow orifice FO-202 showed a significant amount of difference compared to FO-200 and 201. The minimum reading obtained was 0.386 on the 2" portion of the expander, which is above the nominal wall value for a 2" schedule 160 component (0.344"), Ref Report No. S05V1U563. Condition Report 2005102450 was written to address this condition. During the 2R10 refueling outage, RER 2003-VO561 was generated concerning wall thickness results for the Unit 2 similar component (21208- 005-CV110). Based on the Unit 2 calculations, the 2" portion of the component has a min wall allowance of 0.227" and the 3" segment a 0.337". It was determined that the Unit 2 component with a thickness of 0.263" was acceptable based on a cavitation wear rate of 0.020" for continued service for one refueling cycle where re-examination and possible replacement is scheduled. Based on the fact that the Unit 1 component has a 0.386" value (on the 2" portion of the reducer) compared to the 0.263" for Unit 2, justification is warranted for at least one additional cycle. It is recommended to examine the component just downstream of the flow orifice (FO-202) during the next refueling cycle (1R13) for conservative consideration which will assist in refining the proper wear rate and may yield a longer service life.

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.

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

The following Owner's Reports for Repairs or Replacements (Form NIS-2) are provided for work activities documented at VEGP-1 since the last maintenance/refueling outage (1R11) through the completion of the twelfth maintenance/refueling outage (1R12). Reports are identified by their respective traveler number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective traveler packages at the plant site. Only those NIS-2 reports applicable to VEGP-1 are included in this report document. Any attachments, e.g., code data reports, etc., referenced in the NIS-2 reports will be made available for review upon request at the plant site.

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

01086**	03032	03091	03109**	04141
01088**	03033**	03092	03110	04146
02088	03037	03093	03129	04151
03003**	03066**	03094	04122	04153
03010	03077**	03096	04124	04154
03013	03081	03097	04125	04156
03020	03083	03102	04129	04160
03021	03084	03103	04130	05058
03022	03085	03104	04131	05059
03023	03086	03105	04133	05060
03024	03087	03106	04139	05061
03025	03089	03108**	04140	

\*\* These travelers are certified on the same NIS-2 report:

01086 is certified with 03066, 01088 is certified with 03033, 03077 is certified with 03003, and 03108 is certified with 03109.

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

As Required By The Provisions Of The ASME Code Section XI

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							Traveler #	02088
1.	Owner	Southern Nuclear (		<u>y</u>	Date _		11/03/03	
		40 Inverness Cente	Name er Parkway, Birmin	gham, AL	Sheet	1	Of	
2.	Plant	Vogtle Electric Gen	erating Plant		Unit _		1	
		Waynesboro, GA			MWO #		10202102	
			Address			Repair C	organization P.O. No., J	lob No., etc.
3.	Work Per	formed by <u>Nuclear</u>	<u>Operations Mainte</u> Name	enance			Plant Vogtle Address	<u> </u>
4.	Identifica	tion Of System	·····		1206 / Contain	nment Spray Sy	stem	
5.	(b)Applic		ion XI Utilized Fo	r Repairs C	19 <u>74</u> Edition, <u>Su</u> Or Replacements 19 <u>8</u>		_Addenda,//A	Code Case
6.		tion Of Components						<u>.</u>
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
ENC	APSULA- I VESSEL	RICHMOND ENGINEERING CO., INC.	N2431.30	N/A	1-1206-V4-001	1981	REPLACEMENT	YES
7. 8.	Test Con	<b>leakag</b>		ed after the Pneumati Pressure	installation in accorda c Nominal Op N/APS1Te	erating Pressurest Temp.		
				CERTIFIC	ATE OF COMPLIAN	CE		
	-	at the statements m IE Code, Section XI.		are correct	t and this	REPLACE		orms to the
Туре	Code Sym	bol Stamp				N/A		
Certif	icate of Au	thorization No.	N	μ <u>φ</u>	Expiration	Date	N/A	
Signe		Owner or Owner	s Designee, Title		Team Leader	Date	1/4/2003	,
		· · ·	CER	TIFICATE O	OF INSERVICE INSP	ECTION	<u></u>	
Provin inspe- to /	I, the undersigned, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boler Inspection and Insurance Co. of Connecticut</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>07/22/03</u> to <u>//-4/-03</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report During the ASME Code, Section XI.							
and be lia	corrective able in an etion.	measures descri y manner for any Wanman	bed in this O personal injury	wners Re or proper	port. Furthermo ty damage or a lo issions <u>GAZ</u>	re, neither th oss of any kin <i>0.3</i>	l or implied, concernin le Inspector nor hi lad arising from or co	s employer shall onnected with this
Da	te/	Inspector's Signatu	re		Nationa	I Board, State,	Province and Endorse	ments

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

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1. Owner					•	Traveler #	03003
	Southern Nuclear	Operating Compa	nv	Date		November 14, 2003	
	40 Inverness Cent	Name			1		1
2. Plant	Vogtle Electric Ge	Address nerating Plant		Unit		1	
	Waynesboro, GA	Plant 30830		 MWO #	1	0203773 & PO#7057227	7-0001
		Address			Repair Org	ganization P.O. No., Jo	b No., etc.
3. Work Per	rformed by <u>Nuclear</u>	<u>Operations Main</u> Name	tenance			lant Vogtle ddress	<u> </u>
4. Identifica	tion Of System			1301 / Main S	Steam System	l	
5. (a) Applic (b) Applic	cable Construction C able Edition of Secti	Code <u>ASME</u> Ion XI Utilized For	E Section III Repairs O	1974 Edition, Replacements 1989	Winter 19	75_Addenda, <u>N/A</u>	Code Case
.,	ation Of Components		·	. –			
NAME	NAME	SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMPONENT Valve	MANUFACTURER Crosby Valve and Gauge Co.	NO. N62569-00-0024	<u>NO.</u> N/A	IDENTIFICATION 1PSV-3011	1980	REPLACEMENT REPLACEMENT	(YES OR NO) YES
				ł	<u> </u>		
8. Tests Co	onducted:	Hydrostatic 🔲	Pneumatic	: 🗋 Nominal Opera	ating Pressure	: D	
We certify	N/A 🖾	Other	Pressure CERTIFIC	N/A PSI Test	E <u>replacem</u> repair or repla	N/A °F	rms to the
We certify rules of the A Type Code Sy	N/A 🛛 that the statements SME Code, Section 3 ymbol Stamp	Other	Pressure CERTIFIC/ ort are corre	N/A PSI Test	E <u>replacem</u> replacem	N/A °F	rms to the
We certify rules of the A Type Code Sy	N/A 🛛 that the statements SME Code, Section 2 ymbol Stamp Authorization No Machan	Other	Pressure CERTIFIC/ ort are corre	N/A PSI Test ATE OF COMPLIANCE ct and this	t Temp E <u>replacem</u> repair or repla	N/A °F	
We certify rules of the A Type Code Sy Certificate of	N/A 🛛 that the statements SME Code, Section 2 ymbol Stamp Authorization No Machan	Other	Pressure CERTIFIC/ ort are corre	N/A PSI Test ATE OF COMPLIANCE ct and this	t Temp E <u>replacem</u> repair or repla A ate 7/2 = J	N/A °F	

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

							Traveler #	03010
1.	. Owner	Southern Nuclear	Operating Compa	any	Date		November 18, 2003	
		40 Inverness Cen	Name ter Parkway, Birm	lingham, AL		1	of	1
2.	. Plant	Vogtle Electric Ge			Unit		1	
		Waynesboro, GA	Plant 30830		MWO #		10300366	
			Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3.	. Work Per	formed by <u>Nuclea</u>	r Operations Main Name	ntenance			lant Vogtle	
4.	. Identifica	tion Of System			1205 / Residual H			
5.					1971 Edition, r Replacements 1989		972_Addenda, <u>N/A</u>	Code Cas
6.		tion Of Component			-			
	NAME OF	NAME , OF	MANUFACTURER	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	RELIEF VALVE	MANUFACTURER CROSBY	NO. N56904-00-0065	<u>NO.</u> N/A	IDENTIFICATION 1PSV-8708B	BUILT	REPLACEMENT REPLACEMENT	(YES OR NO) YES
L			l				. I	
٥	I. Tests Co	N/A	Other		Nominal Oper     N/A PSI Tes	st Temp.	—	
				CERTIFIC	ATE OF COMPLIANC	E		
ru		that the statements SME Code, Section		ort are corre	ect and this	replacem repair or repla		rms to the
Ту	ype Code Sy	mbol Stamp			N/	/A		
Ce	ertificate of a	Authorization No.	/ N		Expiration D	Date	N/A	
A 103 Si	gned	Avmer or Owner	Tean Lean	da Dat	e	2003		
					OF INSERVICE INSPE			
	1 the under	signed holding a v	alid commission l	ssued by th	e National Board of I	Boiler and Pres	ssure Vessel Inspector	e and the State
or	Province of	Georgia_ and em	ployed byH	artford Stea	m Boiler Inspection	and Insurance	Co of Connecticut	of <u>Hartford</u>
to	il-21-0	3, and state	e that to the best	t of my kno		he Owner has	February performed examinatio ments of the ASME (	ns and tests a
							expressed or implied or the inspector nor hi	
	e liable in a nspection,	any manner for an $\sim$	y personal injur	y or prope	rty damage or a lo	ss of any kind	d arising from or cor	nected with th
	MB (	Thanman		Commissi	ions <u>GA 20,3</u>	10		
		Inspector's Signal	iure		Nationa	ai Board, State,	Province and Endors	ements
	Date/	-21-03		-				

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

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							Traveler #	03013	
	1. Owner	Southern Nuclear	Operating Compa	any	Date		October 30, 2003		
		40 Inverness Cent		ingham, Al	Sheet	1	of	1	
	2. Plant	Vogtle Electric Ge			Unit		1		
		Waynesboro, GA	Plant		MWO #		10203670		
			Address		<del>_</del> .	Repair Org	anization P.O. No., Jo	b No., etc.	
	3. Work Per	formed by <u>Nuclear</u>	r Operations Main Name	tenance			ant Vogtle Idress		
	· 4. Identifica	tion Of System			1201 / Reacto	r Coolant Syste	<u>m</u>		
	5. (a) Applic (b)Applic	able Construction ( able Edition of Sect	Code <u>ASME</u> ion XI Utilized For	<u>E Section III</u> r Repairs O	1977 Edition, r Replacements 1989	Winter 197	77Addenda, <u>4</u>	-1 Code Case	
	6. Identifica	tion Of Component:	s Repairs Or Repl	acement C	omponents				
	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	V1-1201-030-H601	1987	REPLACEMENT	YES	
		N/A 🛛	Other	CERTIFIC	ATE OF COMPLIANC	t Temp E replaceme	N/A *F	rms to the	
		ME Code, Section 2		•		repair or replac	ement		
<u>دور</u>		mbol Stamp							
120/03	Certificate of	Authorization No.		/A	Expiration D		<u>N/A</u>		
1-1	Signed 10	Owner or Owner	s Designee, Title	Dat	· _/2/3	1/200	3		
		·····	CER	TIFICATE C	OF INSERVICE INSPE	CTION			
	119 Ilain								

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

							Traveler #	03020
1.	Owner	Southern Nuclear C	perating Company	,	Date		01/06/04	
		40 Inverness Cente	Name r Parkway, Birming	ham, AL	Sheet	1	10	3
2.	Plant	Vogtle Electric Gen	erating Plant		Unit _		1	
		Waynesboro, GA	30830		- MWO#		10300891	
			Address			Repair Org	ganization P.O. No., J	ob No., etc.
3.	Work Per	formed by Nuclear	Operations Mainter	nance		PI	ant Vogtle	
			Name			Ac	idress	
4.	Identifica	tion Of System			1208 / Chemical an	d Volume Control	System	
5.		cable Construction ( able Edition of Sect					denda, <u>N/A</u>	Code Case
6.	Identifica	tion Of Component:	s Repairs Or Repla	acement C	omponents			
	NAME OF APONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	ALVE	COPES-VULCAN	8220-95439-1-7	2366	1HV-41326B	1983	REPLACEMENT	YES
1						[		1
7. 8.	Descripti Test Con	replace replace	ment plug was pro ment plug is attach Hydrostatic	<u>ed.</u> Pneumati	trim_assembly_with cNominal Op	k disconnect_mod serial number 032 crating Pressure est Temp.	dification under MDC 21-86986-1-2. A copy	# 02-V1M027. The of Form N-2 for the
							<u></u> -F	·
				CERTIFIC	ATE OF COMPLIAN	CE		
		at the statements m IE Code, Section XI.		are correct	t and this	REPLACEME repair or replace		orms to the
						N/A		ļ
.l	Code Sym			······································				
Certif	ficate of Au	thorization No.		A	Expiration	Date	N/A	
Signe	d UL_	Dwper or Owper	s Designee, Title		Team Leader	Date	1/9/200	4-
					OF INSERVICE INSP			
Provi inspe to	nce of cted th -/2-0-	Georgiaand e ne components cd, and state th	mployed by <u>Hartfo</u> described at to the best of n	o <u>rd Steam E</u> in thi ny knowlea	<u>Boiler Inspection and</u> is Owner's I dge and belief, the I	Insurance Co. of C Report during Owner has perfor	cure vessel inspector <u>Connecticut</u> of <u>Hartfor</u> g the period rmed examinations a of the ASME C	<u>Connecticut</u> have 03/31/03 nd taken corrective
and be lia	corrective	measures descri	bed in this Ov	wners Re or proper	port. Furthermo ty damage or a l	re, neither the oss of any kind	or implied, concernin Inspector nor hi I arising from or co	s employer shall
		Inspector's Signatu	re	Comm		203 al Board, State, P	rovince and Endorse	ments
Da	ite <i>j ·</i>	-12.04						

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FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTIC NUCLEAR PARTS AND APPURTENANCES*	CAL Sheet 20f3
As Required by the Provisions of the ASME Code, Section III	
Not to Exceed One Day's Production	Pg. 1 of
1. Manufactured and certified by SPX Valves & Controls, 5620 West Road, McKean (name and address of MPT Certificate Holder)	, PA 16426
2. Manufactured for <u>Georgia Power Company</u> , c/o Southern Nuclear Operating	<u>g Co., Birmingham, AL</u>
3. Location of installation Vogtle Electric Generating Plant, Waynesborn, GA	······································
4. Type: <u>L-139924 Rev.7</u> <u>SA479 Tp410</u> * <u>N/A</u> (drawing no.) (mat1. apoc. no.) (tensile strength) (CRM)	2003
•	(year built)
5. ASME Code, Section III, Division 1: 1977 Winter 1977 2	N/A
(edition) (addenda data) (class)	(Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A	DateN/A
7. Remarks: 2" 1500 Trim for valve Assembly Drawing E-263532 Rev. 4	4
CUSTOMER PO 7057052 SPX Job 86986	

8.	Nom. thickness (in.)N/A_Min. design thickness (in.)N/A_Dia. ID (ft & in.)N/A_Length overall (ft & in.)N/A	١
9.	When applicable, Certificate Holders' Data Reports are attached for each item of this report:	

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Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) 0321-86986-1-1 (	0301) N/A	(26)	
	0302) N/A	(27)	
(3) 0321-86986-1-3 (	(303) N/A	(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)	1	(32)	
(8)		(33)	
(9)		(34)	
(10) <u>* NC2170</u>	· · · · · · · · · · · · · · · · · · ·	(35)	
(11) <u>Heat treatment</u>	to enhance	(36)	
(12)impact_proper!		(37)	
(13)		(38)	· · · · · · · · · · · · · · · · · · ·
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	· · · ·
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ × 11, (2) information in Items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form. (12/88)

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This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive. Box 2300, Fairfield, NJ 07007-2300.

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

	Show	3 ()
0321-86986-	Unce C	2013

	Ce	rtificate Holder's Serial Nos		through	1-3
	CERTIFICAT	TON OF DESIGN			
Design specifications certified by	N/A(when applical		.E. State	Reg. no	
Design report* certified by	N/A(when applicable)	P	.E. State	Reg. no	
	CERTIFICATE	OF COMPLIANCE		···	
We certify that the statements made in conforms to the rules of construction of	•		• S	÷	
NPT Certificate of Authorization No.	<u>N-3053</u>	 	10/5/0	04	
Date 7-8-03 Name SPX	Valves & Controls	Signed	-7.K	en f	
	CERTIFICATE	OF INSPECTION		•	•
I, the undersigned, holding a valid comm and employed				and the State or I	Province of
ofBoston, MA have insp				, and state	that to the
best of my knowledge and belief, the Ca				with the ASME Co	de, Section
III, Division 1. Each part listed has been a	authorized for stamping on the	date shown above.			
By signing this certificate, neither the in:	spector nor his employer make:	s any warranty, expressed or i	mplied, concerr	ning the equipment	t described
In this Data Report. Furthermore, neither	• • • •	shall be liable in any manner f	or any personal	injury or property	damage or
loss of any kind arising from or connecte	d with this inspection.		•		· }
Date <u>7-8-03</u> Signed	Buscand (Authorized Inspector)	Commissions	AZZZ	and state or	prov. and no.)
		·	···-		

## **UKIGINAL**

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

							Traveler #	03021
1.	Owner	Southern Nuclear C		<u>v</u>	Date		01/05/04	
		40 Inverness Cente	Name er Parkway, Birming	gham, AL	Sheet		Of	3
2.	Plant	Vogtle Electric Gen	erating Plant		Unit		1	
		Waynesboro, GA	30830		MWO#		10300890	
			Address			Repair Or	rganization P.O. No.,	Job No., etc.
3.	Work Per	formed by <u>Nuclear</u>	Operations Mainte Name	nance	·····		Plant Vogtle Iddress	
4.	Identifica	tion Of System			1208 / Chemical and	d Volume Contro	l System	
5. 6.	(b)Applic	able Construction ( able Edition of Sect tion Of Components	ion XI Utilized Fo	r Repairs O	or Replacements 198		idenda, <u>N/A</u>	Code Case
<b></b> _	NAME	NAME	MANUFACTURER				REPAIRED,	ASME CODE
	OF IPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
V	ALVE	COPES-VULCAN	8220-95439-1-5	2360	1HV-41326A	1984	REPLACEMENT .	YES
								┨━────
ļ								
8.	Test Con	<u>replace</u> <u>replace</u>	ment plug was pro- ment plug is attach Hydrostatic Other	<u>ovided in a</u> hed. Pneumatio	trim assembly with s	erating Pressure		of Form N-2 for the
				CERTIFIC	ATE OF COMPLIANC	)E		
		at the statements m 1E Code, Section XI.		are correct	t and this	REPLACEM		orms to the
Туре	Code Sym	bol Stamp			!	N/A		
Certif	icate of Au	phorization No.		/A	Expiration	Date	N/A	
Signe		Owner Owner	s Designee, Title		Team Leader	Date	1/6/200	<b>4</b>
		······	CER		OF INSERVICE INSPI	ECTION		
Provi inspe to	nce of cted th - G - C if	<u>Georgia</u> and e ne components (, and state th	commission iss mployed by <u>Hartí</u> described at to the best of r	ued by the ford Steam E in thi my knowled	national Board of t Boiler Inspection and I is Owner's F dge and belief, the C	boiler and Press Insurance Co. of Report durin Dwner has perfo	sure vessel inspecto <u>Connecticut</u> of <u>Hartfor</u> og the period prmed examinations a of the ASME C	rd, <u>Connecticut</u> have 04/01/03 Ind taken corrective
and be lia	corrective able in an ection.	measures describy manner for any	ibed in this O personal injury	wners Re or proper	port. Furthermor	re, neither the	or implied, concernir e Inspector nor hi d arising from or c	is employer shall
Da		Inspecifor's Signatu	re	—	Nationa	l Bóard, State, F	Province and Endorse	ements
1 0	····							

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	NUCLEAR PARTS A Required by the Provision	ERS' DATA REPORT FOR IDENT AND APPURTENANCES* ns of the ASME Code, Section III Ine Day's Production	
			Pg. 1 of
		ols, 5620 West Road, McKes (name and address of NPT Certificate Holder)	
Manufactured for <u>Georg</u>	La Power Company, c.	/o Southern Nuclear Operat	ting Co., Birmingham, AL
		ting Plant, Waynesboro, GA	
Type: L-263962 Rev. 0ME (drawing no.)	(mat'l. spec. ng.)	92.5 ksi     N/A       Itensile strength)     (CRM)       Winter 1977     2       (addenda date)     (class)	2003
ASME Code, Section III, Division 1			
		N/A Revision N/A	
		20 Valve Assembly Drawing	E-263533 Rev. 4.
Customer I	0 7057052	SPX Order 86986	·
			······
		A Dia. ID (ft & in.)N/A Leng	th overall (ft & in.) <u>N/A</u>
When applicable, Certificate Holde	rs' Data Reports are attached f	or each item of this report:	
		·	· · · · · · · · · · · · · · · · · · ·
Part or Appurtenance	Național	Part or Appurtenance	National
Serial Number	Board No.	Serial Number	Board No.
• •	in Numerical Ordér		in Numerical Order
- <u>0321-86986-3-1 (0</u>	301) N/A	(26)	l l l
(2) 0321-86986-3-2 (0	302) N/A		· · · · · · · · · · · · · · · · · · ·
(3) 0321-86986-3-3 (0	303) N/A	(28)	
(4)		(29)	
(5)		(30)	
(6)	· ·	(31)	•
(7)	·	(32)	
(8)		(33)	
(9)	<u> </u>	(34)	
(10)	<u></u>	(35)	
(11)		(36)	
(12)		(37)	·
(13)		(38)	
14) 15)		(39)	i
(16)		(40)	
(17)		(42)	
(18)		(43)	
19)		(44)	
20)		(45)	
21)	<u></u>	(46)	
[22]		(47)	
[23]		(48)	
24)	• • •	(49)	i
		(50)	
25)			

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\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form. (12/88) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

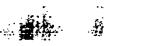
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Reprint (7/91)

FORM N-2 (Back – Pg. 2 of	0321-86986-
Centificate Holder's Serial	I Nos. <u>3-1</u> through <u>3-3</u>
CERTIFICATION OF DESIGN	•
Design specifications certified byN/A (when applicable)	P.E. State Reg. no
Design report* certified by N/A	P.E. State Reg. no
CERTIFICATE OF COMPLIANCE	1
Ve certify that the statements made in this report are correct and that this (these) I sonforms to the rules of construction of the ASME Code, Section III, Division 1.	Plugs
IPT Certificate of Authorization No. <u>N-3053</u> Expire	es <u>10/5/04</u>
Date <u>6-26-03</u> Name <u>SPX Valves &amp; Controls</u> Signed	BC-1-Kint (authorized representative)
CERTIFICATE OF INSPECTION	
the undersigned, holding a valid commission issued by the National Board of Boiler and Pres Penna and employed byOneBeacon_America_Insurance.	Company
fBoston, MAhave inspected these items described in this Data Report on	
est of my knowledge and belief, the Certificate Holder has fabricated these parts or appurter I, Division 1. Each part listed has been authorized for stamping on the date shown above.	
y signing this certificate, neither the inspector nor his employer makes any warranty, expres	
n this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any m	manner for any personal injury or property damage or
oss of any kind arising from or connected with this inspection.	Pronzel
ste Signed Commi (Authorized Inspector)	Issions
	······································
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## FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By The Provisions Of The ASME Code Section XI

							Traveler #	03022
1.	Owner	Southern Nuclear C		<u>y</u>	Date		01/05/04	
		40 inverness Cente	Name er Parkway, Birming	gham, AL	Sheet	1	Of	3
2.	Plant	Vogtle Electric Gen	erating Plant	<u></u>	Unit		1	
		Waynesboro, GA 3			MWO #		10300893	
	··· · •		Address			•	ganization P.O. No., J	lob No., etc.
3.	Work Per	rformed by <u>Nuclear</u>	<u>Operations Mainte</u> Name	nance			Mant Vogtle ddress	
4.	Identifica	ition Of System			1208 / Chemical an	d Volume Control	I System	
5. 6.	(b)Applic	cable Construction C able Edition of Sect ation Of Components	lion XI Utilized For	r Repairs O	Dr Replacements 198		ldenda, <u>N/A</u>	Code Case
	NAME	NAME	MANUFACTURER		1	1	REPAIRED,	ASME CODE
}	OF	OF	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	VALVE	COPES-VULCAN	8220-95439-2-5	2369	1HV-41326D	1983	REPLACEMENT	YES
				'				ł
				<b> </b>				
8.	Test Con	replace	ement plug was pr ement plug is ettach Hydrostatic Other Other	hed. Pneumatie Pressure	ic Nominal Ope	erating Pressure est Temp	2 <u>1-86986-1-1. A copy</u> N/A °F	of Form N-2 for the
rules	s of the ASM	hat the statements m ME Code, Section XI.		are correct		REPLACEM		orms to the
	e Code Sym					<u>N/A</u>		
Sign	/	Athorization No.	s Designee, Title	n Lau	Expiration	Date Date	1/6/200	4-
Γ		<u></u>	CER		OF INSERVICE INSP	ECTION		
Provinspector to mease By si	ince of ected th <u>ノーム-ンル</u> sures des igning this	Georgia and e he components , and state th cribed in this ( certificate, neither t	employed by <u>Hartf</u> described nat to the best of r Owners Report the Inspector nor	f <u>ord Steam E</u> In thi my knowled In accor his employ	<u>Boiler Inspection and I</u> is Owner's F dge and belief, the C rdance with the yer makes any warra	Insurance Co. of Report durir Owner has perfo requirements anty, expressed	sure vessel inspector <u>Connecticut</u> of <u>Hartfor</u> ng the period prmed examinations a of the ASME C or implied, concernin e inspector nor hi	rd. <u>Connecticut</u> have 04/01/03 and taken corrective Code, Section XI. ng the examinations
be li	iable in an pection.		personal injury	or proper	rty damage or a lo	oss of any kind	Province and Endorse	onnected with this
Ь	ate /·	• -			- Nationa	n Doaru, State, I	-rovince and Endorse	ments

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	LDERS' DATA REPORT S AND APPURTENANC isions of the ASME Code	ES*	AL Traveler# 03022 Sheet 2 of 3
· ·	ed One Day's Production		Pg. 1 of
1. Manufactured and certified by SPX Valves & Con	trols, 5620 West Ro	ad, McKean,	PA 16426
2. Manufactured for Georgia Power Company,	c/o_Southern_Nuclea	r Operating	Co., Birmingham, AL
3. Location of installation Vogtle_Electric_Gen	erating_Plant_Wayn	esboro, GA	
4. Type: L-139924 Rev. 7 SA479 Tp410 [(mail. spec. no.]	ttensile strengthi	N/A	
5. ASME Code, Section III, Division 1: 1977	Winter 1977	2	N/A (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only)	N/A Revision	N/A	_ Date N/A
7. Remarks:2" 1500 Trim for value As	sembly Drawing E-26	3532 Rev. 4	
CUSTOMER PO 7057052	SPX Job 86	986	

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

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
0321-86986-1-1 (0		(26)	
(2) 0321-86986-1-2 (0	302) N/A	(27)	
(3) 0321-86986-1-3 (0	303) N/A	(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10) <u>* NC2170</u>	•	(35)	
(11) <u>Heat treatment</u>	to enhance	(36)	
(12)impact_propert	ies	(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	•
(22)		(47)	
(23)		(48)	A
(24)		(49)	
(25)		(50)	

\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8% × 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form. (12/88)

This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

	Certificate He	Ider's Serial Nos1-1	through 1~3
	CERTIFICATION OF D	ESIGN	
Design specifications certified by		P.E. State	Reg. no
Design report* certified by	.N/A (when applicable)	P.E. State	Reg. no
	CERTIFICATE OF COMP		······································
We certify that the statements made in this re conforms to the rules of construction of the A	•	Plugs	: 
NPT Certificate of Authorization No.	N-3053	Expires 10/5/	04
Date 7-8-03 Name SPX Val	Ives & Controls	Signed Signed	er and
	CERTIFICATE OF INSPE	CTION	• .
, the undersigned, holding a valid commission and employed by			and the State or Province of
of <u>Boston</u> , <u>MA</u> have inspected best of my knowledge and belief, the Certifica	I these items described in this Data I ate Holder has fabricated these parts	leport on <u>7-8-03</u> or appurtenances in accordance v	with the ASME Code, Section
II, Division 1. Each part listed has been author by signing this certificate, neither the inspecto n this Data Report. Furthermore, neither the in bas of any kind arising from or connected with	or nor his employer makes any warr nspector nor his employer shall be li	enty, expressed or implied, concern	• • • • • • • • • •
iss as Ray kind Brising from of connected with	n this inspection.	· • •	

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

As Required By The Provisions Of The ASME Code Section XI

							Traveler #	03023
1.	Owner	Southern Nuclear C		<u>y</u>	Date		01/05/04	
		40 Inverness Cente	Name r Parkway, Birming	gham, AL	Sheet	1	Of	3
2.	Plant	Vogtle Electric Gen	erating Plant		Unit		1	•
		Waynesboro, GA	80830		MWO #		10300892	
			Address			Repair Or	ganization P.O. No.,	Job No., etc.
-3.	Work Per	formed by <u>Nuclear</u>	Operations Mainte Name	enance			Plant Vogtle Iddress	
4.	Identifica	tion Of System			1208 / Chemical and	d Volume Contro	System	
5. 6.	(b)Applic		ion XI Utilized Fo	r Repairs O	19 <u>77</u> Edition, <u>W</u> Pr Replacements 19 <u>8</u> Components		ldenda, <u>N/A</u>	Code Case
	NAME	NAME	MANUFACTURER				REPAIRED.	ASME CODE
	OF APONENT		SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	ALVE	COPES-VULCAN	8220-95439-3-3	2374	1HV-41326C	1983	REPLACEMENT	YES
┣_	<u></u>							
. 8.	Test Cor	replace	ment plug was pr ment plug is attach Hydrostatic Other	hed. Pneumati Pressure	c Nominal Ope <u>N/A</u> PSI Te	erating Pressure st Temp.	2 <u>1-86986-3-2. A copy</u> ≥□ 	of Form N-2 for the
				CERTIFIC	ATE OF COMPLIANC	CE		
rules	of the ASM	hat the statements m AE Code, Section XI abol Stamp		are correc	<u>.</u>	<u>REPLACEM</u> repair or replac		orms to the
1	-	morization No.		//A	Expiration			·
Signe	/,	1. <i>h.</i> C.	s Designee, Title		Team Leader	Date	1/6/200	\$
		· · · · · · · · · · · · · · · · · · ·	CER	TIFICATE	OF INSERVICE INSP	ECTION		
								and the Ctate
Provi inspe to	ince of ected the formula $1 - 6 - 0$	Georgia and e he components f, and state th	mployed by <u>Harti</u> described at to the best of (	<i>f<u>ord Steam I</u> In thi</i> my knowle	<u>Boiler Inspection and I</u> is Owner's F dge and belief, the C	<u>nsurance Co. of</u> Report duri Owner has perfo	sure vessel Inspecto <u>Connecticut</u> of <u>Hartfor</u> ng the period primed examinations a of the ASME C	r <u>d, Connecticut</u> have 04/01/03 Ind taken corrective
and be li	corrective	e measures descr	ibed in this C	wners Re	eport. Furthermon rty damage or a lo	re, neither th oss of any kin	or implied, concerni e Inspector nor h d arising from or c	is employer shall
-	7/7/	Inspector's Signatu	re	Comm	issions <u>GAZ</u> Nationa		Province and Endors	ements
D	ate/	6.04			•			

As	I-2 CERTIFICATE HOLDE NUCLEAR PARTS A Required by the Provision Not to Exceed O	ND AP	PURTENANCES* ASME Code, Section	m	-
				Pg. 1 of	
Manufactured and certified by	SPX Valves & Contro				
	• •	(name and	address of Purchaser)	rating Co., Birmingha	em, Al
Location of installation Vog					
Type: <u>L-263962 Rev. 0M</u> (drawing no.)					······
ASME Code, Section III, Division	1: <u>1977</u>	Winter	1977.	2 <u>N/A</u>	<del></del>
Fabricated in accordance with Co					
?" ጥተከ ል	ssembly for a 3" 150	0. Valv	e Assembly Drawin	ng E-263533 Rev. 4	
		•	•• • • •	· · · · · ·	
Customer 1	PO 7057052		SPX Order 86986	· ·····	
N/A		/ <u>^</u>	N/A	·	<u> </u>
Nom. thickness (in.) <u>N/A</u>	Min. design thickness (in.)	A Di	a. 1D (ft & in.) <u>IV/A</u> L	ength overall (ft & in.) <u>N/A</u>	·
When applicable, Certificate Holde	ers' Data Reports are attached for	or each ite	m of this report:	·	-
·····	·····	(			— <sup>_</sup>
<b>-</b>			•	- ·	
Part or Appurtenance	National		Part or Appurtenance	National	1
Serial Number	Board No.		Serial Number	Board No.	l.
* .ta	In Numerical Order		•	in Numerical Order	
(1) 0321-86986-3-1 ((	301) N/A				
(1) 0321 - 86986 - 3 - 2	1302) N/A		) <u></u>		{ !
(3) 0321-86986-3-3 (0			)	·	
		1(28	)	·	
•••					1
(4)		(29	)		
•••		(29 (30	)		
(4) (5) (6)	· · · · · · · · · · · · · · · · · · ·	(29 (30			
(4)		(29 (30 (31	)		
(4) (5) (6)		(29 (30 (31 (32 (33	) ) ) )		
(4)         (5)         (6)         (7)		(29 (30 (31 (32 (33	) ) )		
(4)         (5)         (6)         (7)         (8)		(29 (30 (31 (32 (33 (33 (34	) ) ) )		
(4)         (5)         (6)         (7)         (8)         (9)		(29 (30 (31) (32) (33) (33) (34) (35)	) ] ] ] ]		
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)		(29 (30 (31) (31) (32) (33) (34) (35) (36)	) ) ) ) )		
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)		(29 (30 (31) (32) (33) (34) (35) (36) (36) (37)	) ,		
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)		(29 (30) (31) (32) (33) (34) (34) (35) (36) (36) (37) (38)	)  ,		
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)		(29 (30) (31) (32) (33) (34) (34) (35) (36) (37) (38) (39)	)  ) _		
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)		(29 (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41)	)		
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)		(29 (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42)			
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)		(29 (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (41) (42) (43)			
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)		(29 (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (41) (42) (43)			
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)		(29 (30) (31) (32) (33) (34) (34) (35) (36) (37) (38) (39) (40) (41) (41) (42) (43) (44)			
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)         (20)         (21)		(29 (30) (31) (32) (33) (34) (34) (35) (36) (37) (38) (39) (40) (41) (41) (42) (43) (44) (44)			
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)         (20)         (21)		(29 (30) (31) (32) (33) (34) (34) (35) (36) (37) (38) (39) (40) (41) (41) (42) (44) (44) (45) (46)			
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)         (20)         (21)         (22)		(29 (30) (31) (32) (33) (34) (34) (35) (36) (37) (38) (37) (38) (40) (41) (41) (42) (44) (44) (45) (46) (47)			
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)         (20)		(29 (30) (31) (32) (33) (34) (34) (35) (36) (37) (38) (37) (38) (39) (40) (41) (41) (42) (44) (44) (45) (46) (47) (48)			
(4)         (5)         (6)         (7)         (8)         (9)         (10)         (11)         (12)         (13)         (14)         (15)         (16)         (17)         (18)         (19)         (20)         (21)         (22)         (23)		(29 (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (41) (42) (43) (44) (45) (46) (47) (48) (49)			

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This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

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Reprint (7/91)

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

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Oheet Jofg

					· · ·	••••••••••••••••••••••••••••••••••••••
		CERTIFICATION	OF DESIGN	•.		
Design specifications certil	lied byN/A	(when applicable)		P.E. State		:g. no
Design report* certified by	N/A			P.E. State	Re	ig. no
		(when applicable)		•		
		CERTIFICATE OF	COMPLIANCE	· • • • • • • • • • • • • • • • • • • •		•••••••••••
We certify that the stateme	ents made in this report	are correct and that this (	(these)	lues	• • • • • • • •	• • • • • • •
conforms to the rules of co			•			
NPT Certificate of Authoriz	ation NoN-	3053	Expire	<u>10/5 10/5 s</u>	/04	
Date 6-26-03	Nama SPX Valv	es & Controls	Signed_	RA	ist.	-
		(NPT Certificate Holder)	Olgheu _		lauthorized represent	itive)
		CERTIFICATE OF	INSPECTION	•. •	•	
			• - • •	•		
I, the undersigned, holding	and employed byO	<u>neBeacon America</u>	Insurance	Company	<u> </u>	State or Province o
of Boston, MA	have inspected the	e items described in this i	Data Report on	6-26-0	<u>,</u> ,	ind state that to the
best of my knowledge and				ances in accord	fance with the A	SME Code, Section
III, Division 1. Each part list						
By signing this certificate, i in this Data Report. Further						
loss of any kind arising from			i De nable în any m	annici ice any p	·	
	_					
(-2-03	TR	0		D.	and	
Date <u>6-26-03</u> Signe	nd BBrog	Authorized Inspector)	Commi	ssions	2274 [incl. endorsements] a	nd state or prov. and no.
Date <u>6-26-03</u> Signe	ed Designed	Authorized Inspector)	Commi:	ssions	2274 (Incl. endorsements) a	nd state or prov. and no.
Date <u>6-26-03</u> Signe	ed Bra	Authorized Inspector)	Commi	ssions [Net'l, Bd.	2374 (Incl. endorsements) a	nd state or prov. and no.
Date <u>6-26-03</u> Signe	ed Bra	Authorized Inspector)	Commi	ssions	2274 (Incl. endorsements) a	nd state or prov. and no.
Date <u>6-26-03</u> Signe	ed Brog	Authorized Inspector	Commi:	ssions [Net'l, Bd.	2274 (Incl. endorsements) e	nd state or prov. and no.
Date <u>6-26-03</u> Signe	ed Brand	Authorized Inspector	Commi:	ssions [Net'l, Bd.	D274 [incl. endorsements] =	ind state or prov. and no.
	(	· · ·		ssions [Net'], Bd.	2274 (Incl. endorsements) e	nd state or prov. and no.
	(	· · ·		ssions <u>A</u> INet'i, Bd.	22,74 [incl. endorsements] e	nd state or prov. and no.
	(	Authorized Inspector)		ssions [Net'], Bd.	22.74 (Incl. endorsements) e	nd state or prov. and no.
	(	· · ·		ssions <u>A</u> INer'i. Bd.	22,74	nd state or prov. and no.
	(	· · ·		ssions [Net'], Bd.	22.74 (Incl. endorsements) e	nd state or prov. and no.
	(	· · ·		ssions <u>A</u> INer'i. Bd.	22,74 [Incl. endorsements] e	nd state or prov. and no.
	(	· · ·		ssions [Net'l, Bd.	22.74 (Incl. endorsements) e	ind state or prov. and no.
•	(	· · ·		ssions <u>A</u> INer'i. Bd.	22.74 Inct. endorsements) e	ind state or prov. and no.
				(Net'l, Bd.		ind state or prov. and no.
		· · ·		(Net'l, Bd.		ind state or prov. and no.
				[Net1, Bd.		
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				[Net1, Bd.		
•				[Net1, Bd.		

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

							Traveler #	03024
1.	Owner	Southern Nuclear C	ليصطنع ويصديك ويصحبه والم	y	Date		01/05/04	
		40 Inverness Cente	Name r Parkway, Birmin	gham, AL	Sheet	1	10	3
2.	Plant	Vogtle Electric Gen	erating Plant		Unit		1	
		Waynesboro, GA			MWO #		10201376	
	M		Address				ganization P.O. No., J	IOD NO., ELC.
3.	work Per	formed by <u>Nuclear</u>	Name				lant Vogtle Idress	<u></u>
4.	Identifica	tion Of System			1208 / Chemical an	d Volume Control	System	
5.	(b)Applic	able Construction ( able Edition of Sect tion Of Component:	ion XI Utilized Fo	r Repairs O	Replacements 198		denda, <u>N/A</u>	Code Case
	VAME	NAME	MANUFACTURER			·····	REPAIRED.	ASME CODE
	OF	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
V	ALVE	COPES-VULCAN	8220-95439-2-7	2371	1HV-41326E	1983	REPLACEMENT	YES
			<u></u>					
8.	Test Con	replace replace	ment plug was pr ment plug is attac Hydrostatic Other	r <u>ovided in a</u> hed. Pneumati	trim assembly with s	erating Pressure	dification_under_MDC 21-86986-1-3. A copy  	of Form N-2 for the
				CERTIFIC	ATE OF COMPLIAN			
		at the statements m IE Code, Section XI	-	are correct	t and this	REPLACEM	··· · · · · · · · · · · · · · · · · ·	orms to the
Туре	Code Sym	bol Stamp		<u> </u>		N/A	· ·· _ · · · · · · · · · · · · · · · ·	
Certif	icate of Au	ithorization No.	N	I/A	Expiration	Date	N/A	
Signe	d L.	Owper or Owner	s Designee, Title		Team Leader	Date	1/6/20	104
			CER		OF INSERVICE INSP	ECTION		
Provi inspe to	nce of cted til ]-6-0-	<u>Georgia</u> and e ne components , and state th	mployed by <u>Hart</u> described at to the best of	ford Steam t in thi my knowle	<u>Boiler Inspection and I</u> is Owner's I dge and belief, the C	<u>nsurance Co. of (</u> Report durin Dwner has perfo	med examinations a	d. Connecticut have 04/01/03 nd taken corrective
meas	ures des	cribed in this	Owners Report	În acco	rdance with the	requirements	of the ASME C	ode, Section XI.
and be lia	corrective	measures descr	ibed in this C	owners Re or proper	port. Furthermo rty damage or a k	re, neither the oss of any kind	or implied, concernir e Inspector nor h d arising from or c	is employer shall
-	<u></u>	Inspector's Signatu	ire				Province and Endorse	ements
Da	ite/	-6-04						

oil<sup>is</sup>

54

	NUCLEAR PARTS	AND APPURTENANC		L Sheet 20f3
	As Required by the Provisio	ins of the ASME Code	, Section III	
	Not to Exceed (	One Day's Production		Pg. 1 of
1.	. Manufactured and certified by SPX_Valves & Contro	name and address of NPT Ce	ad, McKean,	PA 16426
2.	. Manufactured for <u>Georgia Power Company</u> , c/c	Southern Nuclea	r Operating (	Co., Birmingham, AL
З.	. Location of installation <u>Vogtle Electric Genera</u>	iting Plant, Wayn (name and address)	esboro, GA	·
4.	Type: <u>L-139924 Rev.7</u> <u>SA479 Tp410</u> (drawing no.] (mart: spec. no.]	)tensile strength]	N/A	2003
5.	ASME Code, Section III, Division 1: 1977	Winter 1977	2 (class)	N/A (Code Case no.)
6.	Fabricated in accordance with Const. Spec. (Div. 2 only)	N/A Revision	N/A	Date <u>N/A</u>
7.	Remarks: 2" 1500 Trim for valve Assem	bly Drawing E-26	3532 Rev. 4	
	CUSTOMER PO 7057052	SPX Job 86	986	

- ----

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

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(8)	301) N/A 302) N/A 303) N/A to_enhance	(26)	
(12)impact_propert (13) (14) (15)	es	(37) (38) (39)	
(16)(17)		(40) (41) (42)	
(18)(19)		(43)	
(20) (21)		(45)(46)	
(22) (23) (24)		(47) / (48) /	
(25)		(49)	

(when applicable) \* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8% × 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form. (12/88)

This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

Reprint (7/91)

	CERTIFICATION (	DF DESIGN	
	N/A	DE State	Reg. no
Design specifications certified by	(when applicable)	F.C. State	neg. 10
Design report* certified by	N/A(when applicable)	P.E. State	
	CERTIFICATE OF C	COMPLIANCE	
We certify that the statements made in t	this report are correct and that this l	these Plucs	:
conforms to the rules of construction of		-	<u> </u>
NPT Certificate of Authorization No.	N-3053	Expires 10/5/	04
Date 7-8-03 Name SPX		001	and ted representative)
A	CERTIFICATE OF I	NSPECTION	• •
I, the undersigned, holding a valid comm			s and the State or Province of
and employed	byOneBeacon_Amer	ica Insurance Company	s and the State or Province of
and employed of Boston, have inspi- best of my knowledge and belief, the Ce	by <u>OneBeacon Amer</u> ected these items described in this f rtificate Holder has fabricated these	ica Insurance Company Data Report on <u>7-8-03</u> e parts or appurtenances in accordance	, and state that to the
<u>Penna</u> and employed of <u>Boston</u> , <u>MA</u> have inspi- best of my knowledge and belief, the Ce III, Division 1. Each part listed has been a By signing this certificate, neither the ins	by <u>OneBeacon Amer</u> ected these items described in this f rtificate Holder has fabricated these authorized for stamping on the date spector nor his employer makes any	ica Insurance Company Data Report on <u>2-8-03</u> parts or appurtenances in accordance shown above. warranty, expressed or implied, conce	, and state that to the with the ASME Code, Section ning the equipment described
and employed of MA have inspi- best of my knowledge and belief, the Ce III, Division 1. Each part listed has been a	by <u>OneBeacon Amer</u> ected these items described in this f prificate Holder has fabricated these authorized for stamping on the date spector nor his employer makes any the inspector nor his employer shall	ica Insurance Company Data Report on <u>2-8-03</u> parts or appurtenances in accordance shown above. warranty, expressed or implied, conce	, and state that to the with the ASME Code, Section ning the equipment described
<u>Penna</u> and employed of <u>Boston</u> , MA have inspe- best of my knowledge and belief, the Ce III, Division 1. Each part listed has been a By signing this certificate, neither the ins in this Data Report. Furthermore, neither	by <u>OneBeacon Amer</u> ected these items described in this f prificate Holder has fabricated these authorized for stamping on the date spector nor his employer makes any the inspector nor his employer shall	ica Insurance Company Data Report on <u>2-8-03</u> parts or appurtenances in accordance shown above. warranty, expressed or implied, conce	, and state that to the with the ASME Code, Section ning the equipment described il injury or property damage or

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

1. Owner						Traveler #	03025
	Southern Nuclear		any	Date		October 23, 2003	
•	40 Inverness Cen		ningham, Al	Sheet	1	of	1
2. Plant	Vogtle Electric G			Unit		1	
	Waynesboro, GA	Plant 30830		MWO #		10202358	
		Address			Repair Org	ganization P.O. No., Jo	b No., etc.
3. Work Pe	rformed by <u>Nuclea</u>	r Operations Mair Name	ntenance			ant Vogtle ddress	
4. Identifica	ation Of System			1204 / Saf	ety Injection		
5. (a) Appli (b)Applic	cable Construction ( cable Edition of Sect	Code ASMi ion XI Utilized Fo	<u>E Section III</u> r Repairs O	<b>1977</b> Edition, r Replacements 19 <u>89</u>	Winter 19	77_Addenda, <u>N/A</u>	Code Ca
6. Identifica	ation Of Component	s Repairs Or Rep	lacement Co	omponents			
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	1K7-1204-037-01	1987	REPLACEMENT	YES
	N/A 🖾	Other	Pressure	<u>N/A</u> PSI Test	Temp	<u>N/A</u> •F	
rules of the A	that the statements SME Code, Section	made in the repo XI.	CERTIFIC/ ort are corre	ATE OF COMPLIANCI	E replaceme repair or replac	ent confo	rms to the
rules of the A Type Code Sy	that the statements SME Code, Section	made in the repo XI.	CERTIFIC/	ATE OF COMPLIANCI	E replaceme repair or replac	entconfo cement	rms to the
rules of the Âi Type Code Sy Certificate of .	that the statements SME Code, Section mbol Stamp Authorization No	made in the repo XI.	CERTIFIC/ ort are corre	ATE OF COMPLIANCI	E replaceme repair or replac	ent confo	rms to the
rules of the A Type Code Sy	that the statements SME Code, Section mbol Stamp Authorization No	made in the repo XI. N S Designee, Title	CERTIFIC/ ont are corre	ATE OF COMPLIANCI	E replaceme repair or replac ate	entconfo cement	rms to the

-		FORM NIS-			PRICE FOR REPAIR	S OR RE		
			•				Traveler #	03032
1.	Owner	Southern Nuclear	Operating Comp	any	Date		October 17, 2003	
		40 Inverness Cen		lingham, A	LSheet	1	of	1
2.	Plant	Vogtle Electric G			Unit	<u></u>	1	
		Waynesboro, GA	Plant 30830 Address		MWO #	10203632 Repair Organization P.O. No., Job No., etc.		
3.	Work Per	formed by <u>Nuclea</u>		ntenance		PI	ant Vogtie ddress	
4.	Identifica	tion Of System			1301 / Main	Steam System	·	
	(b)Applic		lion XI Utilized Fo	r Repairs C	Pr Replacements 1989	Winter 19	77Addenda, <u>N-24</u>	9-1 Code Case
6.	Identifica	lion Of Component	s Repairs Or Rep	lacement C	omponents			
со	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTÜRER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
S	PIPE UPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1301-106-H005	1987	REPLACEMENT	YES
	Descripti				replaced with AD-550			

7. Description Of Work Snub <u>ce test</u> <u>19</u>. 12-05

8. Tests Conducted:

Hydrostatic 🔲 Pneumatic 🔲 Nominal Operating Pressure 🔲

N/A 🖾

Other 📋

Pressure <u>N/A</u> PSI Test Temp. \_\_\_\_

N/A \_ \*F

		CERTIFICATE O	COMPLIANCE		······································
	We certify that the statements made in the repor rules of the ASME Code, Section XI.	rt are correct and		cement eplacement	conforms to the
	Type Code Symbol Stamp		N/A		<u></u>
.94	I le contra	A	_Expiration Date _		N/A
WIN W	Signed Owner or Owner's Designee, Title	Date	10/20/20	σ <u></u> ]	
•	. CER	TIFICATE OF INSI	ERVICE INSPECTION		·····
	I, the undersigned, holding a valid commission is or Province of <u>Georgia</u> and employed by <u>Ha</u> <u>Connecticut</u> have inspected the components descr	rtford Steam Boil	er Inspection and Insura	nce Co of Conne	cticut of Hartford
	to $10-31-03$ , and state that to the best taken corrective measures described in this Owr				
	By signing this certificate, neither the Inspector examinations and corrective measures described be liable in any manner for any personal injury inspection.	in this Owners F	leport. Furthermore, ne	either the Inspec	tor nor his employer shall
	M.B. Chanman	Commissions			
•	Inspector's Signature		National Board, Si	tate, Province an	d Endorsements
	Date 10-21-03				•

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

1. Owner						Traveler #	03033
	Southern Nuclear	Operating Comp	any	Date		October 23, 2003	
	40 Inverness Cen	Name ter Parkway, Bim	ningham, Al	L Sheet	1	of	1
2. Plant	Vogtle Electric Ge	Address		 Unit		1	
z. ridiit		Plant	·2.7				
	Waynesboro, GA	Address		MWO #	Repair Org	10203631 and A0100 anization P.O. No., Jo	
3 Work Per	rformed by Nuclea	r Operations Mai	ntenance		PL	ant Vogtle	
<b>U</b> . 1101A1 CI		Name		<u> </u>		dress	
4. Identifica	tion Of System			1301 / Main	Steam System	· · · · ·	
(b)Applic	cable Construction ( able Edition of Sect Ition Of Component	ion XI Utilized Fo	r Repairs O	r Replacements 1989		77_Addenda, <u>N-24</u> 9	-1 Code Ca
			_				
NAME OF	NAME OF	MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMPONENT PIPE	MANUFACTURER PULLMAN	NO. N/A	NO.	IDENTIFICATION	BUILT 1987	REPLACEMENT REPLACEMENT	(YES OR NO) YES
SUPPORT	POWER PRODUCTS						
	FRODUCIS				, ,		
1							
·	<u></u>		CERTIFIC	ATE OF COMPLIANC	;Е		
		•	rt are corre	ct and this			rms to the
	that the statements SME Code, Section 3	•	ort are corre		replaceme repair or replac		rms to the
	SME Code, Section 3	•			repair or replac		rms to the
rules of the As Type Code Sy	SME Code, Section 3	KI.			repair or replac		rms to the
rules of the AS Type Code Sy	SME Code, Section 3	KI.	VA	N/	repair or replac	ement	rms to the
rules of the AS Type Code Sy Certificate of	SME Code, Section 2 rmbol Stamp Ruthorization No	KI. N S Designee, Title	VA	N/	repair or replac A Date 22.003	ement	rms to the
rules of the ÁS Type Code Sy Certificate of Signed	SME Code, Section 3 mbol Stamp Ruthorization No <i>Li Cecher</i> Owner or Owner	KI.		Expiration D Expiration D A A A A A A A A A A A A A A A A A A A	repair or replac	N/A	
rules of the ÁS Type Code Sy Certificate of Signed	SME Code, Section 3 mbol Stamp Ruthorization No Owner or Owner Signed, holding a va	KI. S Designee, Title CER Id commission is bloyed by History	TIFICATE C ssued by th	Expiration E Expiration E Code 2 4 DF INSERVICE INSPE e National Board of E m Boiler Inspection	repair or replac	N/A N/A Sure Vessel Inspectors	s and the State
rules of the AS Type Code Sy Certificate of Signed	SME Code, Section 3 mbol Stamp Ruthorization No Owner or Owner signed, holding a va <u>Georgia</u> and emp nave inspected the c 23, and state	KI. S Designee, Title CER Id commission is loyed by <u>H</u> omponents desc that to the best	TTIFICATE C ssued by th artford Stea ribed in this of my kno	Expiration E Expiration E E Co/2 4 DF INSERVICE INSPE e National Board of E <u>m Boller Inspection</u> s Owner's Report dur wiedge and belief, th	repair or replac	N/A N/A	s and the State of <u>Hartford</u> 18, 2001 ns and tests a
rules of the AS Type Code Sy Certificate of Signed I, the unders or Province of <u>Connecticut</u> h to <u>0-27-0</u> taken correcti By signing th examinations be tiable in a inspection.	SME Code, Section 3 mbol Stamp Nuthorization No Owner or Owner signed, holding a va <u>Georgia</u> and emp nave inspected the c 23, and state ive measures descu- his certificate, neith and corrective mea	KI. S Designee, Title CER Id commission is loyed by <u>Ha</u> omponents desc that to the best ibed in this Ow her the Inspector sures described personal injury	TTIFICATE C ssued by th artford Stea ribed in this of my kno ners Report or nor his in this Ow y or proper	Expiration E Expiration E Expir	repair or replac A Date Cat	sure Vessel Inspectors co of Connecticut August 2 erformed examinatio	s and the State of <u>Hartford</u> 8, 2001 ns and tests a code, Section concerning s employer st nected with t

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

							03037 - 2053 Call
1. Owner	Southern Nuclear	Operating Comp. Name	any	Date		October 18, 2003	
	40 Inverness Cent	ter Parkway, Birm	ningham, Al	LSheet	1	of	1
2. Plant	Vogtle Electric Ge			Unit		1	
	Waynesboro, GA	Plant 30830		MWO#		10203626	
	R	Address			Repair Or	ganization P.O. No., Jo	ob No., etc.
. Work Per	formed by <u>Nuclear</u>	Operations Main Name	ntenance	<u> </u>		lant Vogtle	
	1	Name	•	4200 ( Associations )	-		
	tion Of System			1302 / Auxillary I			
	able Construction ( able Edition of Sect		E Section II r Repairs O	1977 Edition, Tr Replacements 1989	Winter 19	077_Addenda, <u>N-24</u> 9	9-1 Code Case
. Identifica	tion Of Component:	s Repairs Or Repl	lacement C	omponents			
NAME	NAME	MANUFACTURER	NATIONAL	- -		REPAIRED,	ASME CODE
OF OMPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER	N/A	N/A	V1-1302-107-H016	1987	REPLACEMENT	YES
	PRODUCTS					-	
7. Descripti B. Tests Co		•		eplaced with AD-501, s		support surveillance to	esting.
-		•	Pneumati Pressure	c 🗌 Nominal Opera	iting Pressure Temp.	• 🗆	esting.
3. Tests Co	nducted: N/A 🛛	Hydrostatic 🔲 Other 🗋	Pneumati Pressure CERTIFIC	c Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE	iting Pressure	• 🗆	esting.
3. Tests Co We certify	nducted: N/A 🖾 that th <del>e</del> statements	Hydrostatic   Other   made in the repo	Pneumati Pressure CERTIFIC	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp replacem	■ [] 	rms to the
3. Tests Co We certify lies of the AS	nducted: N/A 🛛 that the statements GME Code, Section 2	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this	tting Pressure Temp. 	■ [] 	
3. Tests Co We certify les of the AS ype Code Sy	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC ort are corre	C Nominal Opera	tting Pressure Temp 	■ [] 	
We certify We certify les of the AS ype Code Sy ertificate of	nducted: N/A 🛛 that the statements GME Code, Section 2	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Da	ating Pressure Temp <i>replacem</i> epair or repla	■ □ <u>N/A</u> <sup>●</sup> F ment confo	
We certify We certify les of the AS ype Code Sy ertificate of	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp Authorization No.	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Da	ating Pressure Temp <i>replacem</i> epair or repla	■ □ <u>N/A</u> <sup>●</sup> F ment confo	
We certify We certify les of the AS ype Code Sy ertificate of	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp Authorization No.	Hydrostatic  Other  Conternation  Trade In the report  N Conternation  N Conte	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Da	ating Pressure Temp	■ □ <u>N/A</u> <sup>●</sup> F ment confo	
We certify We certify les of the AS ype Code Sy ertificate of gned	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp Authorization No.	Hydrostatic Other made in the reporder the reporder of the reporder the reporde	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ct and this Expiration Da eC 2 c DF INSERVICE INSPEC	ting Pressure Temp	■ □ <u>N/A</u> <sup>●</sup> F ment confo	rms to the
8. Tests Co We certify les of the AS ype Code Sy ertificate of gned	Inducted: N/A IMIN INFORMATION INFORMATIO	Hydrostatic Other made In the reporder t	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera	Iting Pressure Temp replacem epair or repla the Treplacem epair or repla	e  N/A •F ent confo cement N/A ssure Vessel Inspector Co of Connecticut	rms to the
8. Tests Co We certify les of the AS ype Code Sy ertificate of gned	Inducted: N/A IMIN INFORMATION INFORMATIO	Hydrostatic Other made in the reporder the reporder of the reporder the reporder of the re	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this Expiration Da e 6 DF INSERVICE INSPEC INSERVICE INSPEC- INSERVICE INSPEC- INS	ating Pressure Temp replacem epair or repla ate  Trion CTION oiler and Press nd Insurance ng the period e Owner has	e  N/A •F ent confo cement N/A ssure Vessel Inspector Co of Connecticut	rms to the s and the State of <u>Hartford</u> 6, 2003 ns and tests and
8. Tests Co We certify les of the AS ype Code Sy ertificate of gned Province of <u>onrecticut</u> to <u>IO-21-C</u> ken correcti y signing th taminations e fiable in a	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp Authorization No. Miguela Owner or Owner Signed, holding a va <u>Georgia</u> and emp ave inspected the co 23, and state ve measures descu- his certificate, neith and corrective mea	Hydrostatic Other Other made in the reporder the reporder of the reporde	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE att and this Expiration Da e DF INSERVICE INSPEC INSERVICE INSPEC INSERVICE INSPECTION a s Owner's Report duri inviledge and belief, the rt in accordance with employer makes any mers Report. Furthe	ting Pressure Temp replacem epair or repla epair or repla te otte ctto ction ctio	e  N/A *F	rms to the s and the State of <u>Hartford</u> 6, 2003 Ins and tests and Code, Section XI. , concerning the is employer shall
8. Tests Co We certify lies of the AS ype Code Sy ertificate of igned I, the unders Province of <u>onecticut</u> to <u>IO-21-C</u> ken correcti y signing th carninations	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp Authorization No. Miguela Owner or Owner Signed, holding a va <u>Georgia</u> and emp ave inspected the co 23, and state ve measures descu- his certificate, neith and corrective mea	Hydrostatic Other Other made in the reporder the re	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE act and this Expiration Da e 6 DF INSERVICE INSPEC In Boller Inspection a s Owner's Report duri wiedge and belief, that in accordance with employer makes any mers Report. Further ty damage or a loss ions 6A203	ating Pressure Temp replacem epair or repla ate  CTION oiler and Press nd Insurance ng the period e Owner has the require y warranty, or more, neithers s of any kind		rms to the s and the State of <u>Hartford</u> 6, 2003 ns and tests and Code, Section XI. , concerning the is employer shall unected with this

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

							Traveler #	03066
	1. Owner	Southern Nuclear Operating Company			Date		October 23, 2003	
			Name			····		
		40 Inverness Cent	ter Parkway, Birm Address	ningham, Al	Sheet	1	of	1
	2. Plant	Vogtle Electric Ge			Unit		1	
		Warmanhara CA	Plant				40202546 and 60004	
		Waynesboro, GA	Address		Mwo#		10203616 and A00013 anization P.O. No., Jo	
	3. Work Per	formed by <u>Nuclear</u>	<u>r Operations Mair</u> Name	ntenance	<u> </u>		int Vogtie Idress	<u> </u>
	• • • • • • • • • • • • • • • •					• • •		
	4. Identifica	tion Of System _			1201 / Reactor	r Coolant Syster	m	
		able Construction					7_Addenda, <u>N/A</u>	Code Case
	(b)Applic	able Edition of Sect	ion XI Utilized Fo	r Repairs O	r Replacements 1989	1		
	6. Identifica	tion Of Component:	s Repairs Or Rep	lacement Co	omponents			
1	NAME	NAME	MANUFACTURER	NATIONAL	T	<u> </u>	REPAIRED,	ASME CODE
	OF	OF	SERIAL	BOARD	OTHER	YEAR	REPLACED OR	STAMPED
	COMPONENT PIPE	MANUFACTURER PULLMAN	NO. N/A	NO. N/A	IDENTIFICATION V1-1201-049-H010	BUILT 1987	REPLACEMENT REPLACEMENT	(YES OR NO) YES
	SUPPORT	POWER						.20
		PRODUCTS	<u> </u>	<b> </b>				
	8. Tests Co	A0001	343). Hydrostatic 🗌 Other 🗍	Pneumatic Pressure CERTIFIC	N/A PSI Tes	rating Pressure	□ ^F	
						repair or replac		
	Type Code Sy	ME Code, Section			N//	A		ms to the
	Type Code Sy	mbol Stamp			N//			
, <b>4</b>			^	VA	Expiration D	Date	N/A	
:*()*		mbol Stamp	Tracke	alaBat	Expiration D	Date		
-12.34 103 103	Certificate of A	mbol Stamp	Tracke	alaBat	Expiration D	Date		
مريد: دواوون	Certificate of A	mbol Stamp	Tran Le 's Designee, Title	a la Bat	Expiration D	Date		

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

							Traveler #	03081
	1. Owner	Southern Nuclear		any	Date	····	October 31, 2003	
		40 Inverness Cent		ningham, AL	Sheet	1	of	1
	2. Plant	Vogtle Electric Ge			Unit		1	· · ·
		Waynesboro, GA	Plant 30830	······	MWO #		10202678	<u>.</u>
			Address			Repair Org	anization P.O. No., Jo	b No., etc.
	3. Work Per	formed by <u>Nuclear</u>	<u>r Operations Mair</u> Name	ntenance	<u> </u>		int Vogtle Idress	
	4. Identifica	tion Of System _		•	1205 / Residual H	leat Removal Sy	stem	
	(b)Applic	cable Construction ( able Edition of Sect tion Of Components	ion XI Utilized Fo	r Repairs O	• -		7 Addenda, <u>N/A</u>	Code Case
1	NAME	NAME	MANUFACTURER			······································	REPAIRED.	ASME CODE
	OF	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	1205 Piping System	PULLMAN POWER PRODUCTS	N/A	N/A	1K3-1205-007-05	1987	REPLACEMENT	YES
	VALVE	Flowserve Corp.	E452T-1-2	N/A	1-1205-U4-021	2002	REPLACEMENT	YES
	rules of the AS	N/A S JA Cigration that the statements SME Code, Section )	Other	Pressure CERTIFIC	ATE OF COMPLIANC	st Temp.	N/A °F	πs to the
	Type Code Sy	Authorization No		1/A /	Expiration I			
19% 03 0[2]103	Signed	Z >	Tranke	a Croate		2003	N/A	
ļ			· CER		OF INSERVICE INSPI	ECTION		
	or Province of <u>Connecticut</u> h to <u>//-4_0</u> taken correcti By signing the examinations be liable in a inspection.	<u>Georgia</u> and emp lave inspected the c <u>3</u> and state ve measures descr nis certificate, neith and corrective mea	Noved by <u>Ha</u> omponents desc that to the best ibed in this Ow her the inspecto sures described personal injury	artford Stea ribed in this of my kno mers Repor or nor his in this Ow y or proper	m Boiler Inspection sowner's Report du wiedge and belief, t t in accordance wi employer makes a ners Report. Furth rty damage or a lo ons _ GA 203	and Insurance C ring the period he Owner has p th the requirem ny warranty, ep ermore, neither ss of any kind	oure Vessel Inspectors <u>Co of Connecticut</u> <u>October</u> erformed examination ents of the ASME C expressed or implied, the Inspector nor hi arising from or con	of <u>Hartford</u> 6, 2003 ns and tests and ode, Section XI. concerning the s employer shall nected with this

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

							Traveler #	03083
	_							03003
1.	Owner	Southern Nuclear C	Operating Company Name	<u>y</u>	Date		10/20/03	
		40 Inverness Cent	ter Parkway, Birmin	gham, AL	Sheet	1	fo	3
2.	Plant	Vogtle Electric Gen	nerating Plant		Unit		1	
		Waynesboro, GA			MWO #		10300555	<u> </u>
		· ·	Address			Repair Or	rganization P.O. No., Jo	ob No., etc.
3.	Work Per	formed by <u>Nuclear</u>	r Operations Mainte Name	anance			Plant Vogtle Address	<del></del> .
4.	Identifica	ition Of System			1205 / Residual H	leat Removal S	ystem	
5.	(b)Applica		tion XI Utilized Fo	or Repairs O	19 <u>77</u> Edition, <u>Win</u> Dr Replacements 19 <u>89</u>		_Addenda, <u>N/A</u> 416-1)	Code Case
6.		ition Of Component			· · · · · · · · · · · · · · · · · · ·			
-			MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	APONENT ALVE	MANUFACTURER FLOWSERVE CORP.	NO. E452T-1-1	NO. N/A	IDENTIFICATION 1-1205-U4-022	2001	REPLACEMENT REPLACEMENT	(YES OR NO) YES
	5 PIPING YSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	1K3-1205-007-05	1987	REPLACEMENT	YES
8.	Test Con	nducted: N/A	Hydrostatic	Pneumatic Pressure	ic Nominal Oper N/A PSI Tes	rating Pressure st Temp.	eX Code Case N-416- N/A °F	1
•	<u></u> _	<u></u>		CERTIFIC/	ATE OF COMPLIANCI	E		
rules (	-	at the statements m IE Code, Section XI. bol Stamp	-	are correct		REPLACEM repair or replac		rms to the
	-	tborization No.	N	I/A_	Expiration D		N/A	
Signe	/.	1. have	r's Designee, Title	/	Expiration D		10/20/200	3
							······································	
			CER	TIFICATE C	OF INSERVICE INSPE	CTION		
Provir nspec	nce of( cted th ///~	<u>Georgia</u> and en ne components 3 and state th	employed by <u>Hartfo</u> described hat to the best of r	ford Steam B in this my knowled	<u>Boiler Inspection and Ins</u> is Owner's Re dge and belief, the Ov	eport durin wner has perfo	sure vessel inspectors <u>Connecticut</u> of <u>Hartford</u> , org the period ormed examinations and of the ASME Co	<u>Connecticut</u> have <u>10/06/03</u> d taken corrective
and o be lia			the Inspector nor I ribed in this O	wners Re	port. Furthermore	e, neither the	or Implied, concerning e Inspector nor his	
C		y manner for any	r personal injury		rty damage or a los	-	d ansing from or co.	nnected with this
Y	ible in any ection.	y manner for any	v personal injury		issions <u>GAJO</u>	- 2 <b>5</b>	Province and Endorsen	

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#### FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\* As Required by the Provisions of the ASME Code, Section III, Division 1

	· · · · · · · · · · · · · · · · · · ·			Pg. <u>1</u> of <u>2</u>
1. Manufactured and 2. Manufactured for	certified by Flowserve Co Georgia Power Company	, P. O. Box 3115. Atlantz	a at N Cartificate Holder) I, GA. 30302.	
	nion Plant Vogtle Genera	ineme and address of Pution, 7821 River Rd., Was	rcheser or Owner! vncshorn: GA, 30830	
3. Location of Installa		(riame an	f acidress)	
4. Model No., Series	No., or Type	'Drawing	471 RevD	CRNN/A
P. ACM/F. Co.do. From	1	986 -	2	N/A
5. ASME Code, Sect	(ec	licioni (acidonda de	tel (class)	(Code Case no.)
8. Pump of valve	Valve Nominal	i hiet size2		2
7. Material: Body_	SA351-CF8M	(in.) N/A Diak	AMS-5387	N/A
7. Material: Body _	SA351-CF8M Bonnet	Dek	Bott	ing
(=)	(b)	(c)	(d)	<u>{e}</u>
Cert.	Nati .	Body	Bonnet	Disk
Holder's	Board	Serial	Serial	Serial
Seriel No.	No.	No	No.	No.
E452T-1-1	N/A	SN: 2437	<u>N/A</u>	HT# 1907
	• •			
			····	
	-			
	<del></del>			
<u>_</u>	· ····	•		
		•		
	-			••••••••••••••••••••••••••••••••••••••
	<u></u>			······································
	······································	<u></u>		
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			·	······

\*Supplemental information in form of lists, exercise, or drawings every be used provided [1] etcs is 8 K × 11, (2) information in Iterns 1 through 4 on this Data Report is included on each sheet, (2) each sheet is numbered and the number of sheets is recorded at the top of this form.

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

#### FORM NPV-1 (back)

	······································		
•			
5	. <u>680</u>		1878 [1]
mi) 4507	(temperature) 		
psi.	Disk differential test pr	4958	psi

	CERTIFICATION	DF DESIGN		
Design Specification certified by	F.A. Bensinger	P.E. State	PA	. Reg. no
Deelon Report certified by	N/A	P.E. Stata		

•	CERTIFICATE OF SHOP C	DIMPLIANCE
Wé cartify that the statements may of the ASME Code, Section III, Div N Cartificate of Authorization No		this pump or valve conforms to the rules for construction <u>Explore</u> <u>4/15/04</u>
Dere Name	Flowserve Corporation	Signed

I, the undersigned, holding a valid commission issued by the National Board of E the State or Newline of Pennsylvania and employed I of Boston. MA, have inspected the pump IO-II-OI // To IO-F, 40 . O and state that to the bast of my knowle	by <u>Commercial Union Ins. Co.</u> , or valve, described in this Deta Report on udge and belief, the Certificate Holder has
constructed this pump, or velve, in accordance with the ASME Code, Section III, Di By signing this cartificets, neither the inspector nor his amployer makes any were component described in this Data Report. Furthermore, neither the inspector nor his	enty, expressed or implied, concerning the
any personal injury or property decode or a logs of any kind sching from or connect Date 27/901_ Signal_CLCLClLLCommissions Carlos Youthandoord injuration	

(1) For manually operated values only.

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8. Remarka .

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·2735

(pressure)

6775

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9. Design conditions \_

10. Cold working pressure \_

11. Hydrostatic test ...

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	FORM NIS-		-	PRIGUE FOR REPAINING OF THE ASME			
						Traveler #	03084
1. Owner	Southern Nuclear		any	Date		October 31, 2003	
	40 Inverness Cen		ningham, A	LSheet	1	of	1
2. Plant	Vogtle Electric G			Unit		1	
	Waynesboro, GA			MWO #		10202678	
		Address			Repair Org	anization P.O. No., Jo	b No., etc.
3. Work Per	formed by <u>Nuclea</u>	<u>r Operations Mair</u> Name	ntenance			int Vogtle Idress	
4 Identifica	tion Of System			1205 / Residual H			
(b)Applic	able Construction able Edition of Sect tion Of Component	tion XI Utilized Fo	r Repairs C	Dr Replacements 198		7_Addenda, <u>N</u> /4	Code Case
NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMPONENT PIPE	MANUFACTURER PULLMAN	NO	NO.	IDENTIFICATION V1-1205-030-H006	BUILT 1987	REPLACEMENT REPLACEMENT	(YES OR NO) YES
SUPPORT	POLLINAN POWER PRODUCTS	000	IVA	1-1203-030-11000	1301	NEF LAGE INCHI	123
7. Descriptk 8. Tests Co			Pneumati	as cutout and rewelde ic  Nominal Ope <u>N/A</u> PSI Te		B	
			CERTIFIC	ATE OF COMPLIANC	CE		
rules of the AS	ME Code, Section		ort are corro	ect and this	repair or replac		rms to the
Type Code Sy	mbol Stamp			N	/A		
Certificate of A	Authorization No.		NA /	Expiration I	Date	N/A	
Signed	Owner or Owner	Designee, Title		te	2003		
r		CEF	TIFICATE	OF INSERVICE INSPI	ECTION		
or Province of <u>Connecticut</u> h to //- 4/-	<u>Georgia</u> and employed inspected the $03$ , and state	ployed by <u>H</u> components desc that to the best	artford Stea ribed in this of my kno	<u>am Boiler Inspection</u> is Owner's Report du owledge and belief, t	<u>and Insurance C</u> ring the period he Owner has p	October erformed examinatio	of <u>Hartford</u> 7, 2003 Ins and tests and
By signing th	nis certificate, neit	her the inspecto	or nor his	employer makes a	ny warranty, e	ents of the ASME ( opressed or implied the inspector nor hi arising from or cor	, concerning the

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

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							Travele	er #	03085
1.	Owner	Southern Nuclear C	Operating Compan	y	Date		10/20/0	3	
		40 Inverness Cente	Name er Parkway, Birmin	gham, AL	Sheet		Of		1
2.	Plant	Vogtle Electric Gen	erating Plant		Unit _		1		
		Waynesboro, GA	30830		MWO #		1030055	55	
			Address			Repair C	Organization P.C	). No., Jo	b No., etc.
3.	Work Per	formed by <u>Nuclear</u>	Operations Mainte Name	enance	<u> </u>		Plant Vogtle Address		
4.	Identifica	tion Of System _			1205 / Residual	Heat Removal S	System		
5.	(b)Applic		ion XI Utilized Fo	r Repairs C	Dr Replacements 198	inter 1977 19	_Addenda, _	N/A	Code Case
6.	Identifica	tion Of Component:	s Repairs Or Rep	lacement C	components				
	NAME OF IPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRI REPLACEI REPLACEI	DÓR	ASME CODE STAMPED (YES OR NO)
PIPE	SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1205-012-H007	1987	REPLACEI	MENT	YES
								-	
7. 8.	Description	<u>valve 1</u>	e- <u>direction_double</u> -1205-U4-021. Hydrostatic [_] Other	Pneumati		erating Pressue	re	<u>10 facilita</u> 	ate replacement of
r					ATE OF COMPLIANC			, 	
		at the statements m E Code, Section XI.		are correc	t and this	REPLACEN		_ confor	ms to the
Type	Code Sym	bol Stamp			1	N/A			
<b>_</b>	-	tporization No.	<u>/</u> N	/A	Expiration	Date		N/A	
Signe	d _//	Owner of Owner	s Designee, Title		Team Leader	Date	10/20/2	2 <u></u>	,
<b></b>			CER			ECTION			
Provi inspecto to _/i mease By sig and	nce of <u>(</u> cted th 0 - 22 - 03 ures desc gning this c corrective	<u>Seorgia</u> and en e components , and state the cribed in this C certificate, neither the measures descri	mployed by <u>Hatt</u> described at to the best of i Dwners Report he Inspector nor ibed in this O	ord Steam E In thi my knowled In acco his employ wners Re	dge and belief, the C rdance with the /er makes any warra :port. Furthermol	nsurance Co. od Report duri Owner has perf requirements Inty, expressed re, neither th	<u>f Connecticut</u> of ing the formed examina of the AS tor implied, con ne inspector	<u>Hartford</u> period tions and ME Coo ncerning nor his	<u>Connecticut</u> have <u>10/06/03</u> d taken corrective de, Section XI. the examinations employer shalt
inspe L	iction.	Chapterson inspector's Signatur			rty damage or a lo issions <u>GA a</u> Nationa	03	Province and E		
Da	te <u>/0-</u>	22-0-3							-

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

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							Traveler #	03086
	1. Owner	Southern Nuclear	Operating Comp	any	Date		January 8, 2004	
		40 Inverness Cent		lingham, AL	Sheet	1	of	1
	2. Plant	Vogtle Electric Ge			Unit		1	
		Waynesboro, GA	Plant 30830	· ·	 MWO#		10200677	
		<u></u>	Address			Repair Org	anization P.O. No., Jo	b No., etc.
	3. Work Per	formed by <u>Nuclear</u>	Operations Main	itenance		PI	ant Vogtle	
			Name			A	ddress	
	4. Identifica	tion Of System _			1305 / Condensate	& Feedwater S	system	
		able Construction C able Edition of Sect		E Section III r Repairs Or	1977 Edition, Replacements 1989		77_Addenda, <u>N/A</u>	Code Case
	6. Identifica	tion Of Components	Repairs Or Repl	lacement Co	mponents			
I	NAME	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	COMPONENT	MANUFACTURER	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
	1305 PIPING	PULLMAN POWER PRODUCTS	N/A	N/A	1-1305-L4-087	1987	REPLACEMENT	NO
1	8. Tests Co	N/A 🖾	Other	Pressure _	Nominal Oper     N/A PSI Tes     ATE OF COMPLIANC	st Temp		
		that the statements ME Code, Section 3		ort are corre	ct and this	replaceme repair or replacement		rms to the
	Type Code Sy	mbol Stamp	<u></u>			Ά		
	Certificate of J	uthorization No.	. / N		Expiration D	Date	N/A	
12194	Signed <u>M</u>	<u>Owner</u>	s designee, Title	Leo Bate	- 04	21/20	4.4	
भ <sup>.</sup>			CER	TIFICATE	OF INSERVICE INSPE	CTION		
	1 46						sure Vessel Inspector:	and the Darts
	or Province of	Georgia_ and emp	loyed by <u>H</u> a	artford Stea	e National Board of I <u>m Boiler Inspection</u> S Owner's Report du	and Insurance	Co of Connecticut Co of Connecticut October	of <u>Hartford</u>
	to <u>/-22-0</u> taken correcti	ve measures description	that to the best ibed in this Ow	of my knowners Repor	wledge and belief, ti t in accordance wi	he Owner has p th the requiren	performed examination ments of the ASME C	ns and tests and ode, Section XI.
	examinations	and corrective mea	sures described	in this Ow y or proper	ners Report. Furth ty damage or a los	ermore, neithe ss of any kind	xpressed or implied, r the inspector nor hi arising from or con	s employer shall
	7///2	Inspector's Signati	are	Commissi			Province and Endorse	ments
	Date <u>/-</u>	12.04						

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

							Traveler #	03087
1.	Owner	Southern Nuclear C	Operating Compan	<u>y</u>	Date		11/03/03	
		40 Inverness Cente	Name er Parkway, Birmin	gham, AL	Sheet	1	Of	1
2.	Plant	Vogtl <del>o</del> Electric Gen	erating Plant		Unit _	<u></u>	1	
		Waynesboro, GA	30830		MWO #		10300059	
		t <u>,</u>	Address		-	Repair C	Organization P.O. No., J	ob No., etc.
3.	Work Per	formed by <u>Nuclear</u>	Operations Mainte Name	enance	<del>.</del>		<i>Plant Vogtle</i> Address	
4.	Identifica	tion Of System			1205 / Residual	Heat Removal S	System	
5. 6.	(b)Applic	able Construction C able Edition of Sect tion Of Components	ion XI Utilized Fo	r Repairs O	r Replacements 198		_Addenda, <u>1649</u>	Code Case
[	NAME	NAME	MANUFACTURER	NATIONAL		· · ·	REPAIRED,	ASME CODE
COM	OF IPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
<b></b>	PUMP	INGERSOLL- RAND CO.	087729	511	1-1205-P6-002	1979	REPLACEMENT	YES
<u> </u>								
7.	•	200200	3429. The ANII wa	as not notifie	d prior to starting this	replacement ac	np due to seal leakage tivity as documented by	<u>identified by CR#</u> CR# 2003003194.
8.	Test Con		Hydrostatic	Pneumatie Pressure		erating Pressurest Temp.		•
				CERTIFIC	ATE OF COMPLIANO	CE		
		at the statements m IE Code, Section XL		are correct	t and this	REPLACEN		orms to the
		·				•	icement	
1	-	bol Stamp	·			<u>N/A</u>		
Certif	icate of Au	thorization No.		/A	Expiration		N/A	
Signe	d _//	Owner or Owner	s Designee, Title		Team Leader	Date	11/4/200	3
<b></b>		<u> </u>	CER	TIFICATE C	OF INSERVICE INSP	ECTION		
I, the	undersign	ed, holding a valid	commission iss	ued by the	national Board of I	boiler and Pre	ssure vessel inspector	rs and the State or
	nce of				Boiler Inspection and I	nsurance Co. o	f Connecticut, of Hartford	
to	11-4-03	, and state th	at to the best of a	my knowled	dge and belief, the C	owner has perf	ormed examinations and of the ASME C	nd taken corrective
			•			•		
and be lia	corrective able, in an	measures descri	bed in this O	wners Re	port. Furthermo	re, neither tl	l or implied, concernin he inspector nor hi nd arising from or co	s employer shall
	1/13	Inspector's Signatur	·	Commi	issions <u>GA</u> 2	<u>a</u> 3		
<b> </b>			re		Nationa	l Board, State,	Province and Endorse	ments
Da	te//.	-4-03						

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

						Traveler #	02089
1. Owner	Southern Nuclear		any	Date		October 18, 2003	·
	40 Inverness Cen		ningham, Al	LSheet	1	of	1
2. Plant	Vogtle Electric Ge			Unit		1	
	Waynesboro, GA	Plant 30830		MWO#		10302685	
		Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3. Work Per	formed by <u>Nuclea</u>	r Operations Main Name	ntenance	<u> </u>		lant Vogtle	
4. Identifica	tion Of System			1208 / Chemical & V	olume Contro	l System	
(b)Applic	able Edition of Sect	ion XI Utilized Fo	r Repairs C	1977 Edition, Fr Replacements 19 <u>89</u>	Winter 19	977 Addenda, <u>N-245</u>	<u>9-1</u> Code Ca
	tion Of Component	MANUFACTURER			<u> </u>		ASUECOD
NAME OF COMPONENT	NAME OF MANUFACTURER	SERIAL NO.	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	V1-1208-002-H050	1987	REPLACEMENT	YES
7. Descripti 8. Tests Co			Pneumati	c 🔲 Nominal Opera			testing.
8. Tests Co We certify	nducted: N/A Ø that the statements	Hydrostatic   Other   made in the repo	Pneumati Pressure CERTIFIC	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE	ating Pressure Temp E <i>replacem</i>	÷ □ •F onfo	<u>testing.</u>
8. Tests Co We certify rules of the As	nducted: N/A 🖾 that the statements SME Code, Section 3	Hydrostatic Other made in the repo	Pneumatic Pressure CERTIFIC ort are corre	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE cct and this	ating Pressure Temp E <u>replacem</u> repair or repla	÷ □ •F onfo	
8. Tests Co We certify rules of the AS Type Code Sy	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp	Hydrostatic 🗌 Other 📄 made in the repo	Pneumati Pressure CERTIFIC ort are corre	C Nominal Opera	ating Pressure Temp E <u>replacem</u> repair or repla	ent confor	
8. Tests Co We certify rules of the AS Type Code Sy	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp Authorization No	Hydrostatic Other made in the repo	Pneumatic Pressure CERTIFIC ort are corre	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE cct and this N/A Expiration Da	ating Pressure Temp E <u>replacem</u> repair or repla	÷ □ •F onfo	rms to the
8. Tests Co We certify rules of the AS Type Code Sy Certificate of J	nducted: N/A Ø that the statements SME Code, Section 2 mbol Stamp Authorization No Marchan	Hydrostatic Other made in the repoxil.	Pneumatic Pressure CERTIFIC ort are corre	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE cct and this N/A Expiration Da	ating Pressure Temp E <i>replacem</i> repair or repla ate	C N/A °F ent conformed co	rms to the
8. Tests Co We certify rules of the AS Type Code Sy Certificate of <i>I</i> Signed	nducted: N/A Ø that the statements SME Code, Section 2 mbol Stamp Authorization No Owner or Owner Signed, holding a va <u>Georgia</u> and emp have inspected the constant or measures descent his certificate, neith and corrective measures	Hydrostatic Other Other made in the reported to the repo	Pneumatic Pressure CERTIFIC ort are corre	c       Nominal Operative         N/A       PSI       Test         ATE OF COMPLIANCE       ATE OF COMPLIANCE         ATE of COMPLIANCE       N/A         ect and this       N/A	ating Pressure Temp replacem repair or repla ate 2 cf 20 c CTION oiler and Press nd Insurance ing the period e Owner has in the required y warranty, or rmore, neithe	ent conforcement N/A N/A N/A	rms to the s and the State of <u>Hartford</u> 8, 2003 ns and tests a code, Section concerning s employer sl

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

						Traveler #	03091
1. Owner	Southern Nuclear		any	Date		October 18, 2003	
	40 Inverness Cent		ingham, Al	L Sheet	1	of	1
2. Plant	Vogtie Electric Ge			Unit		1	
	Waynesboro, GA	Plant 30830		MWO#		10301159	
		Address			Repair Org	ganization P.O. No., Jo	b No., etc.
3. Work Per	formed by <u>Nuclear</u>		tenance			lant Vogtle	
		Name		····· · · · · · · · · · · · · · · · ·		ddress	
					olume Contro	l System	
(b)Applic		ion XI Utilized For	Repairs O	r Replacements 1989	Winter 19	<u>77                                   </u>	<u>-1</u> Code C
6. Identifica	lion Of Components	s Repairs Or Repla	acement C	omponents			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO,	OTHER IDENTIFICATION	YEAR	REPAIRED, REPLACED OR REPLACEMENT	ASME CODI STAMPED (YES OR NO
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1208-002-H035	1987	REPLACEMENT	YES
•				_		support surveillance	testing.
7. Descriptio 8. Tests Co	nducted:	Hydrostatic 🔲	Pneumatio	c 🔲 Nominal Opera	ating Pressure		<u>testing.</u>
•	nducted:	Hydrostatic 🔲 Other 🗌	Pneumatio Pressure	c 🗍 Nominal Opera	ating Pressure		<u>testing.</u>
8. Tests Co We certify	nducted: N/A 🛛	Hydrostatic   Other   made in the repor	Pneumatic Pressure CERTIFIC	C I Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCI ect and this	ating Pressure t Temp E	<u>N/A</u> •F	<u>testing.</u> rms to the
8. Tests Co We certify rules of the AS	nducted: N/A Ø	Hydrostatic [] Other [] made in the repor	Pneumatic Pressure CERTIFIC	C I Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCI ect and this	ating Pressure t Temp E <i>replacem</i> repair or repla	<u>N/A</u> •F	
8. Tests Co We certify rules of the AS Type Code Syn	nducted: N/A 🛛 that the statements ME Code, Section 3	Hydrostatic [] Other [] made in the repor	Pneumatic Pressure CERTIFIC	C D Nominal Opera	ating Pressure Temp E <i>replacem</i> repair or repla	<u>N/A</u> •F	
8. Tests Co We certify rules of the AS Type Code Syn	nducted: N/A 🖾 That the statements ME Code, Section 2 mbol Stamp	Hydrostatic   Other  made in the report  N  N  Tran	Pneumatic Pressure CERTIFIC rt are corre	C Nominal Opera	ating Pressure Temp E <i>replacem</i> repair or repla	<u>N/A</u> °F <u>ent</u> confo cement	
8. Tests Co We certify rules of the AS Type Code Syn Certificate of <i>P</i>	Inducted: N/A Ø Ihat the statements ME Code, Section 2 mbol Stamp uthorization No. <i>J Gacebal</i>	Hydrostatic [] Other [] made in the repor (I. N/ S Designee, Title	Pneumatic Pressure CERTIFIC It are corre	C Nominal Opera	ating Pressure Temp E replacement repair or repla ate -2.01 - 3	<u>N/A</u> °F <u>ent</u> confo cement	
8. Tests Co We certify rules of the AS Type Code Syn Certificate of F Signed	Inducted: N/A S Ihat the statements ME Code, Section 2 mbol Stamp Muthorization No. Muthorization No.	Hydrostatic Other made in the report file of the report CER big commission is big of the best of the b	Pneumatic Pressure CERTIFIC In are corre	C Nominal Opera N/A PSI Test ATE OF COMPLIANCE ATE OF COMPLIANCE ATE OF COMPLIANCE Expiration Data Expiration Data PF INSERVICE INSPEC- The National Board of B IN Boller Inspection a S Owner's Report duri wiledge and belief, th	ating Pressure Temp replacem- repair or repla ate CTION oiler and Pres ing the period e Owner has	Sure Vessel Inspector	rms to the s and the Stat of <u>Hartford</u> 8, 2003 ns and tests s
8. Tests Co We certify rules of the AS Type Code Syn Certificate of <i>P</i> Signed	Inducted: N/A S Ihat the statements ME Code, Section 2 mbol Stamp uthorization No. <u>Georgia</u> and emp ave inspected the c <u>C3</u> , and state ve measures descr is certificate, neith and corrective mea	Hydrostatic Other Other made in the report (1. M/ S Designee, Title CERT bloyed by <u>Ha</u> omponents described in this Owr that to the best bloyed in this Owr there the Inspector sures described in personal injury Hydrostatic [1] CERT CE	Pneumatic Pressure CERTIFIC It are corre	C       Nominal Operation         N/A       PSI       Test         ATE OF COMPLIANCE       ATE OF COMPLIANCE         ATE of COMPLIANCE       N/A         ATE of COMPLIANCE       N/A         ATE of COMPLIANCE       N/A         ATE of COMPLIANCE       N/A         Expiration Dial       N/A         Expiration Dial       O         ATE of Complexity       O         Expiration Dial       O         ATE of Complexity       O         Expiration Dial       O         ATE of Complexity       O <tr< td=""><td>ating Pressure t Temp replacem- repair or repla ate ate CTION oiler and Press ing the period e Owner has period the requirer y warranty, errmore, neithe</td><td></td><td>rms to the s and the Stat of <u>Hartford</u> 8, 2003 ns and tests a Code, Section , concerning is employer s</td></tr<>	ating Pressure t Temp replacem- repair or repla ate ate CTION oiler and Press ing the period e Owner has period the requirer y warranty, errmore, neithe		rms to the s and the Stat of <u>Hartford</u> 8, 2003 ns and tests a Code, Section , concerning is employer s

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

						Traveler #	03092		
1. Owner	Southern Nuclear		any	Date		October 15, 2003			
	40 Inverness Cen		ningham, A	L Sheet	1	of	1		
2. Plant	Vogtle Electric G	Address enerating Plant		Unit		1			
	Waynesboro, GA	Plant 30830		MWO#		10302711			
		Address			Repair Or	ganization P.O. No., Jo	b No., etc.		
3. Work Pe	rformed by <u>Nuclea</u>	<u>r Operations Mair</u> Name	ntenance			lant Vogtle			
4. Identifica	ation Of System			1302 / Auxiliary	Feedwater Sys	stem			
5. (a) Appli (b)Applic	cable Construction cable Edition of Sec	Code <u>ASM</u> tion XI Utilized Fo	E Section II or Repairs C	//1977 Edition, Dr Replacements 1989	Winter 19	177_Addenda, <u>N-245</u>	0-1 Code Case		
6. Identifica	ation Of Component	s Repairs Or Rep	lacement C	omponents					
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)		
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1302-108-H017	1987	REPLACEMENT	YES		
We certify	N/A 🛛 N/A 🖾 	Other []	Pressure CERTIFIC	C Nominal Oper	t Temp	N/A °F	rms to the		
Type Code Sy	mbol Stamp		····	N/	A				
Certificate of	Authorization No.	N	VA	Expiration D	ate	N/A			
Signed	Owner or Owner	en Log	Dat	e _/0/16/0	<u> </u>	•			
		CER	TIFICATE	OF INSERVICE INSPE	CTION				
CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co of Connecticut</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>October 9, 2003</u> to <u>IO-JI-03</u> , 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 the examinations	his certificate, neit and corrective me	her the Inspecto asures described	or nor his I in this Ov	employer makes ar vners Report. Furthe rty damage or a los	y warranty, e ermore, neithe	expressed or implied, r the inspector nor hi I arising from or con	concerning the s employer shall		
	Inspector's Signat	ure	-		l Board, State,	Province and Endorse	ements		
Date/	0-21-03		-						

10151

#### ORIGINAL PORT FOR REPAIRS OF REPLACEMENTS

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

							Traveler #	03093
	1. Owner	Southern Nuclear	Operating Comp	any	Date .		October 15, 2003	
		40 inverness Cen	the second s	ningham, A	 LSheet	1	of	1
:	2. Plant	Vogtle Electric Ge			Unit		11	·
		Waynesboro, GA	Plant 30830		MWO #		10302710	
			Address			Repair Or	ganization P.O. No., Jo	b No., etc.
:	3. Work Per	formed by Nuclea	r Operations Mair	ntenance		P	lant Vogtle	
		•	Name		•		ddress	· · · · · · · · · · · · · · · · · · ·
	4. Identifica	lion Of System _			1204 / Safety	Injection Syste	em	<u> </u>
ł		able Construction ( able Edition of Sect			1977 Edition, In Replacements 1989		977_Addenda, <u>N-245</u>	<u>-1</u> Code Case
(	6. Identifica	tion Of Component	s Repairs Or Rep	lacement C	omponents			
Γ	NAME OF		MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
ľ	COMPONENT PIPE SUPPORT	MANUFACTURER PULLMAN POWER PRODUCTS	<u>NO.</u> N/A	NO. N/A	IDENTIFICATION V1-1204-246-H001	<u>BUILT</u> 1987	REPLACEMENT REPLACEMENT	(YES OR NO) YES
	8. Tests Co		Hydrostatic [] Other []	Pressure		t Temp	—	
		that the statements ME Code, Section 2			ATE OF COMPLIANC	E replacem repair or repla		rms to the
т	ype Code Syı	nbol Stamp			N/	A		
c	ertificate of A	uthorization No.	N	I/A	Expiration D	ate	N/A	
191- s	igned/	Owner or Owner	s Designee, Title		e <u>/0/14</u>	03		
Γ			CER	TIFICATE	OF INSERVICE INSPE	CTION	<u> </u>	<u></u>
0 <u>C</u>	r Province of Connecticut h	<u>Georgia</u> and emp ave inspected the c	oloyed by <u> </u>	artford Stea ribed in thi	am Boller Inspection a s Owner's Report dur	and Insurance ing the period	October	of <u>Hartford</u> 9, 2003
to ta	o <u>10-21-0</u> aken correcti	ve measures desc	that to the best ribed in this Ow	of my kno ners Repo	wiedge and belief, th rt in accordance wit	e Owner has h the require	performed examinatio ments of the ASME C	ns and tests and ode, Section X
e: b	xaminations	and corrective meany manner for any	sures described / personal injury	in this Ov y or prope	mers Report. Furtherty damage or a los	ermore, neithe	expressed or implied, ir the inspector nor hi i arising from or con	s employer sha
-	7/110	Chapman Inspector's Signati	L Jre	Commiss		Board, State,	Province and Endorse	ments
1.	Date/C	-21-03						

## GINA

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

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				•		Traveler #	03094
1. Owner	Southern Nuclear		any	Date		October 15, 2003	····
	40 Inverness Cen		ningham, Al	Sheet	1	of	1
2. Plant	Vogtle Electric G	the second s		Unit		11	
	Waynesboro, GA	Plant 30830		MWO #		10302697	
		Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3. Work Pe	rformed by Nuclea	r Operations Maiı	ntenance		P	lant Vogtle	
		Name			A	ddress	,
4. Identifica	ation Of System		<u> </u>	1301 / Main	Steam System	1	
	cable Construction cable Edition of Sect			1 1977 Edition, r Replacements 1989		177Addenda, <u>N-24</u> 5	9-1′ Code Ca
6. Identifica	ition Of Component	s Repairs Or Rep	lacement C	omponents			
NAME OF	NAME OF	MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMPONENT PIPE	MANUFACTURER PULLMAN	NO	NO.	IDENTIFICATION V1-1301-176-H003	BUILT 1987	REPLACEMENT REPLACEMENT	(YES OR NO) YES
SUPPORT	POWER PRODUCTS						120
						· ·	
	that the statements	made in the rope		ATE OF COMPLIANC			rms to the
	SME Code, Section 2			ect and this	repair or repla		ins to the
Type Code Sy	mbol Stamp			N//	A		
Certificate of	Authorization No.	/ N	I/A	Expiration D	ate	N/A	
Signed Ne	Owner or Owner	Tea Leal 's Designee, Title	Le Dat	e <u>[916]</u>	2003		
		CER	TIFICATE	OF INSERVICE INSPE	CTION		
I the under	signed holding a va					sure Vessel Inspector	s and the Stat
or Province of	Georgia_ and emp	lid commission is ployed by <u></u> Ha	ssued by th artford Stea	e National Board of E m Boiler Inspection a	loiler and Pres and Insurance	sure Vessel Inspector Co of Connecticut	of <u>Hartford</u>
or Province of Connecticut to <u>10-21-</u>	I <u>Georgia</u> and emp have inspected the c 03, and state	lid commission is ployed by <u></u>	ssued by th artford Stea ribed in thi of my kno	e National Board of E I <u>m Boiler Inspection a</u> s Owner's Report dur wiedge and belief, th	loiler and Pres and Insurance ing the period a Owner has	Co of Connecticut October performed examinatio	of <u>Hartford</u> 9, 2003 ns and tests a
or Province of <u>Connecticut</u> to <u>10-21-</u>	I <u>Georgia</u> and emp have inspected the c 03, and state	lid commission is ployed by <u></u>	ssued by th artford Stea ribed in thi of my kno	e National Board of E I <u>m Boiler Inspection a</u> s Owner's Report dur wiedge and belief, th	loiler and Pres and Insurance ing the period a Owner has	Co of Connecticut October	of <u>Hartford</u> 9, 2003 ns and tests a
or Province of <u>Connecticut</u> to <u>10-21-</u> taken correct By signing t examinations be liable in a	I <u>Georgia</u> and emp nave inspected the o <u>Q3</u> , and state ive measures desc his certificate, neit and corrective mea	lid commission is ployed by <u>Hi</u> components desc that to the best ribed in this Ow her the Inspecto asures described	ssued by th <u>artford Stea</u> ribed in thi of my kno ners Repo or nor his in this Ow	e National Board of E <u>m Boiler Inspection a</u> s Owner's Report dur wiedge and belief, th rt In accordance wit employer makes an mers Report. Furthe	Boiler and Pres and Insurance ing the period be Owner has h the requirer by warranty, e ermore, neithe	Co of Connecticut October performed examinatio	of <u>Hartford</u> 9, 2003 ns and tests a code, Section concerning s employer sl
or Province of <u>Connecticut</u> to <u>10-21-</u> taken correct By signing t examinations	<u>Georgia</u> and emp have inspected the c 03, and state ive measures desc his certificate, neit and corrective mea any manner for any <i>manner</i> for any	lid commission is ployed by <u>Ha</u> components desc that to the best ribed in this Ow her the Inspecto asures described y personal injury	ssued by th artford Stea ribed in thi of my kno ners Repo or nor his in this Ow y or prope	e National Board of E <u>on Boiler Inspection a</u> s Owner's Report dur wiedge and belief, th rt In accordance wit employer makes an mers Report. Further rty damage or a los	Boiler and Pres and Insurance, ing the period the Owner has the Owner has the Owner has the Owner has the requirer by warranty, or the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner h	<u>Co of Connecticut</u> October performed examinatio nents of the ASME C expressed or implied, r the Inspector nor hi I arising from or con	of <u>Hartford</u> 9,2003 ns and tests a code, Section , concerning is employer st nected with t
or Province of <u>Connecticut</u> to <u>10-21-</u> taken correct By signing t examinations be liable in a inspection.	<u>Georgia</u> and emp have inspected the c <u>03</u> , and state ive measures desc his certificate, neit and corrective mea any manner for any	lid commission is ployed by <u>Ha</u> components desc that to the best ribed in this Ow her the Inspecto asures described y personal injury	ssued by th artford Stea ribed in thi of my kno ners Repo or nor his in this Ow y or prope	e National Board of E <u>on Boiler Inspection a</u> s Owner's Report dur wiedge and belief, th rt In accordance wit employer makes an mers Report. Further rty damage or a los	Boiler and Pres and Insurance, ing the period the Owner has the Owner has the Owner has the Owner has the requirer by warranty, or the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner has the owner h	<u>Co of Connecticut</u> October performed examinatio nents of the ASME C expressed or implied r the Inspector nor hi	of <u>Hartford</u> 9, 2003 ns and tests a Code, Section , concerning s employer sl inected with t

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

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As Required By The Provisions Of The ASME Code Section XI

							Traveler #	03096
1. (	Dwner	Southern Nuclear	Operating Comp	any	Date		November 17, 2003	
		40 Inverness Cent		ningham, AL	Sheet	1	of	1
2. 8	Plant	Vogtle Electric Ge			Unit		1	
		Waynesboro, GA	Plant 30830		MWO#		10300058	
			Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3. 1	Work Peri	formed by <u>Nuclear</u>	r Operations Mair Name	ntenance			lant Vogtle	
4. 1	Identificat	tion Of System			1205 / Residual H	eat Removal S	ystem	
		able Construction ( able Edition of Sect		<u>E Section III</u> r Repairs Or	1977 Edition, Replacements 19 <u>89</u>		177_Addenda, <u>N/A</u>	Code Case
6. I	Identificat	tion Of Component	s Repairs Or Repi	lacement Co	mponents			
	IAME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO,		YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
Mec	hanical I Gland	INGERSOLL- DRESSER	K661570/9/02	N/A	1N514	1999	REPLACEMENT	YES
8.	Tests Co	nducted:	Hydrostatic		•	•		
		N/A 🖾	Other		<u>N/A</u> PSI Tes	t Temp E	<u>N/A</u> •F	
	-	N/A 🛛 that the statements ME Code, Section 3	made in the repo	CERTIFICA	TE OF COMPLIANC		entconfo	rms to the
rules	of the AS	that the statements	made in the repo	CERTIFICA	TE OF COMPLIANC	E replacem repair or repla	entconfo	rms to the
rules Type	of the AS Code Syr	that the statements ME Code, Section 2	made in the repo XI.	CERTIFICA	TE OF COMPLIANC	E replacem repair or repla	entconfo	rms to the
rules Type Certif	of the AS Code Syr	that the statements ME Code, Section 2 mbol Stamp	made in the repo	CERTIFICA	TE OF COMPLIANC and this N// Expiration D	E replacem repair or repla	confo	rms to the
rules Type Certif	of the AS Code Syl ficate of A	that the statements ME Code, Section 2 mbol Stamp Authorization No.	made in the report XI. <u>Manual Manual</u>	CERTIFICA ort are correct	TE OF COMPLIANC and this N// Expiration D	E replacem repair or repla A pate	confo	rms to the
rules Type Certif Signe 110 I, th or Pro <u>Conn</u> to	of the AS Code Syn ficate of A ed	that the statements SME Code, Section 2 mbol Stamp Authorization No. Support of Owner signed, holding a va <u>Georgia</u> and emp ave inspected the of 25, and state	made in the report XI. <u>Kan Central</u> <u>S Designee, Title</u> CER Alid commission in ployed by <u>H</u> components desc that to the best	CERTIFICA ort are correct UA Date RTIFICATE O ssued by the artford Stead ribed in this	TE OF COMPLIANC t and this	E replacem repair or repla A ate 2 0 0 7 CTION Boiler and Pres and Insurance ing the period are Owner has	ent confo icement N/A 	s and the State of <u>Hartford</u> 10, 2003 ns and tests and
rules Type Certif Signe 110 I, th or Pro <i>Comm</i> to taken By si exam be lia	of the AS Code Syn ficate of A ad he unders ovince of <u>necticut</u> h <u>11-17-0</u> correcti igning th inations	that the statements ME Code, Section 2 mbol Stamp Authorization No. Where or Owner signed, holding a va <u>Georgia</u> and emp have inspected the of 23, and state ve measures desc his certificate, neit and corrective mean ny manner for any 2	made in the report XI.	CERTIFICA ort are correct I/A Date TIFICATE O ssued by the artford Steal rribed in this of my know mers Report or nor his own y or proper	TE OF COMPLIANC t and this	E replacem repair or repla A ate 2 CTION Boiler and Pres and Insurance ing the period ne Owner has h the require by warranty, comore, neithe	ent confo icement N/A 	s and the State of <u>Hartford</u> 10, 2003 ns and tests and code, Section XI , concerning the 's employer shall
rules Type Certif Signe 110 I, th or Pro <i>Comm</i> to taken By si exam be lia	of the AS Code Syn ficate of A ed we unders ovince of <u>mecticut</u> h <u>11-17-0</u> o correcti igning the inations able in a	that the statements SME Code, Section 2 mbol Stamp Authorization No. Support of Owner Signed, holding a var Georgia and emp ave inspected the of 23 , and state ve measures desc bis certificate, neit and corrective mea	made in the report XI. <u>S Designee, Title</u> <u>CEF</u> alid commission is ployed by <u>H</u> components desce that to the best ribed in this Own her the Inspector asures described y personal injury	CERTIFICA ort are correct I/A Date TIFICATE O ssued by the artford Steal rribed in this of my know mers Report or nor his own y or proper	TE OF COMPLIANC t and this	E replacem repair or repla A ate 200 CTION Boiler and Prese and Insurance ing the period he Owner has h the require sy warranty, for comore, neither so of any kine	ent confo icement N/A ssure Vessel Inspector <u>Co of Connecticut</u> <u>October</u> performed examinatio ments of the ASME C expressed or implied er the Inspector nor hi	s and the State of <u>Hartford</u> 10, 2003 ns and tests and code, Section XI , concerning the is employer shall mected with this

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#### FORM NIS-2 OWNER'S REPORT FOR REPARS OR REPL As Required By The Provisions Of The ASME Code Section XI AIRS OR REPLACEMENTS

							Traveler #	03097
	1. Owner	Southern Nuclear	Operating Comp	any	Date		October 15, 2003	
			Name					
		40 Inverness Cen	the second s	lingham, Al	Sheet	1	of	1
	2. Plant	Vogtle Electric Ge	Address enerating Plant		Unit		1	
		<u> </u>	Plant			·		
		Waynesboro, GA			MWO#		10302733	
			Address			Repair Or	ganization P.O. No., Jo	ob No., etc.
	3. Work Per	formed by Nuclea	r Operations Main	ntenance		F	Plant Vogtle	
			Name				Address	
	4. Identifica	ition Of System			1301 / Main	Steam System	<u>n</u>	
	5. (a) Appli	cable Construction (	Code ASM	E Section II	1977 Edition,	Winter 1	977 Addenda, N-249	9-1 Code Case
					r Replacements 1989			
	6. Identifica	ition Of Component	s Repairs Or Repl	lacement C	omponents			
r	NAME	NAME	MANUFACTURER	NATIONAL	<u> </u>		REPAIRED,	ASME CODE
1	OF	OF	SERIAL	BOARD	OTHER	YEAR	REPLACED OR	STAMPED
_ ł	COMPONENT PIPE	MANUFACTURER PULLMAN	NO. N/A	NO.	IDENTIFICATION	BUILT	REPLACEMENT REPLACEMENT	(YES OR NO) YES
	SUPPORT	POWER						
ļ		PRODUCTS						
		N/A 🛛	Other		C Nominal Oper	t Temp		
	rules of the Å Type Code Sy	N/A 🛛 that the statements SME Code, Section 3 rmbol Stamp	Other [] made in the repo XI.	Pressure CERTIFIC ort are corre	<u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this N/	t Temp. E <u>replacen</u> repair or repla	N/A °F	rms to the
	rules of the Å Type Code Sy	N/A 🛛 that the statements SME Code, Section 2	Other [] made in the repo XI.	Pressure CERTIFIC ont are corre	N/A PSI Tes ATE OF COMPLIANC act and this N/A Expiration D	t Temp E replacem repair or repla A ate	N/A •F	rms to the
92	rules of the Å Type Code Sy	N/A  that the statements SME Code, Section 2 mbol Stamp Authorization No.	Other [] made in the repo XI.	Pressure CERTIFIC ort are corre	N/A PSI Tes ATE OF COMPLIANC act and this N/A Expiration D	t Temp. E <u>replacen</u> repair or repla	N/A °F	rms to the
92	rules of the Å Type Code Sy Certificate of A	N/A  that the statements SME Code, Section 2 mbol Stamp Authorization No.	Other [] made in the repo XI. N Tean Lea 's Designee, Title	Pressure CERTIFIC ort are corre	N/A PSI Tes ATE OF COMPLIANC act and this N/A Expiration D	t Temp E replacen repair or repla A ate	N/A °F	rms to the
92	rules of the Å Type Code Sy Certificate of Signed	N/A 🛛 that the statements SME Code, Section 2 mbol Stamp Authorization No Gwner or Owner	Other [] made in the repo XI. N Teon Lea 's Designee, Title CER	Pressure CERTIFIC ont are corre	N/A PSI Tes ATE OF COMPLIANC ect and this Expiration D e DF INSERVICE INSPE	t Temp E repair or repla A ate G 7 CTION	N/A °F	
92- 5103	rules of the Å Type Code Sy Certificate of J Signed	N/A that the statements SME Code, Section 2 mbol Stamp Authorization No. Gwner or Owner signed, holding a va <u>Georgía</u> and emp	Other	Pressure CERTIFIC of are corre	N/A PSI Tes ATE OF COMPLIANC ect and this Expiration D Expiration D e OF INSERVICE INSPE en National Board of E im Boiler Inspection a	t TempE replacem repair or repla A ate 6 7 CTION Boiler and Pre- and Insurance	N/A °F nent confo acement N/A SSURE Vessel Inspector	s and the State
95- 5103	rules of the Å Type Code Sy Certificate of J Signed	N/A that the statements SME Code, Section 2 mbol Stamp Authorization No. Gwner or Owner signed, holding a va <u>Georgía</u> and emp have inspected the c	Other	Pressure CERTIFIC of are corre	N/A PSI Tes ATE OF COMPLIANC ect and this Expiration D Expiration D e 0/0/06 DF INSERVICE INSPE en National Board of E em Boiler Inspection a s Owner's Report dur	t Temp E repair or repla A ate GTION Boiler and Pre- and Insurance ing the period	N/A °F nent confo acement N/A N/A ssure Vessel Inspector Co of Connecticut October	s and the State of <u>Hartford</u> 11, 2003
95- 5103	rules of the Å Type Code Sy Certificate of J Signed I, the under or Province of <u>Connecticut</u> I to <u>10-21-</u>	N/A that the statements SME Code, Section mbol Stamp Authorization No. Covner or Owner signed, holding a vac <u>Georgia</u> and emp have inspected the co O3, and state	Other	Pressure CERTIFIC of are corre	N/A PSI Tes ATE OF COMPLIANC ect and this Expiration D Expiration D e OF INSERVICE INSPE we National Board of E In Boller Inspection a s Owner's Report dur weledge and belief, th	t TempE replacem repair or repla A ate GTION Boiler and Pres and Insurance ing the period be Owner has	N/A °F nent confo acement N/A SSURE Vessel Inspector	s and the State of <u>Hartford</u> 11, 2003 ns and tests and
95- 5183	rules of the Å: Type Code Sy Certificate of , Signed I, the under or Province of <u>Connecticut</u> I to <u>10-21-</u> taken correct By signing ti examinations	N/A that the statements SME Code, Section 2 mbol Stamp Authorization No. Gwner or Owner owner or Owner owner or Owner and engla_and employee (03, and state ive measures desc his certificate, neith and corrective mea	Other	Pressure CERTIFIC of are corre	N/A PSI Tes ATE OF COMPLIANC ect and this Expiration D Expiration D e 0/6 DF INSERVICE INSPE we National Board of E m Boller Inspection a s Owner's Report dur weldge and belief, th rt in accordance wit employer makes an mers Report. Further thy damage or a los	t Temp. E replacem repair or repla A ate G 2 CTION Boiler and Pres and Insurance ing the perioc the Owner has h the require by warranty, crmore, neither	<u>N/A</u> •F <u>nent</u> confo acement <u>N/A</u> ssure Vessel Inspector <u>Co of Connect/cut</u> <u>Votober</u> performed examinatio	s and the State of <u>Hartford</u> 11, 2003 ns and tests an Code, Section X , concerning the is employer sha
95- 5183	rules of the Å: Type Code Sy Certificate of Signed I, the under or Province of <u>Connecticut</u> to <u>10-21-</u> taken correct By signing ti examinations be liable in a	N/A that the statements SME Code, Section 2 mbol Stamp Authorization No. Gwner or Owner owner or Owner owner or Owner and engla_and employee (03, and state ive measures desc his certificate, neith and corrective mea	Other	Pressure CERTIFIC of are corre	N/A PSI Tes ATE OF COMPLIANC ect and this Expiration D Expiration D Expiration D e 0/06 DF INSERVICE INSPE Note of the second of the m Boiler Inspection as s Owner's Report dur wiedge and belief, the rt in accordance with employer makes an mers Report. Further try damage or a los ons 6A 203	t TempE replacem repair or repla A ate GTION Boiler and Pre- and Insurance ing the perioc the Owner has h the require by warranty, ermore, neithers of any kine	N/A °F nent confo acement N/A N/A N/A ssure Vessel Inspector Co of Connecticut October performed examinatio ments of the ASME C expressed or implied er the Inspector nor h	s and the State of <u>Hartford</u> 11, 2003 Ins and tests and Code, Section Xi , concerning the is employer shall innected with this

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

03102 Traveler # 1. Owner Southern Nuclear Operating Company Date October 23, 2003 Name 40 Inverness Center Parkway, Birmingham, AL Sheet of Address 2. Plant Vogtle Electric Generating Plant Unit 1 Plant • 10302743 Waynesboro, GA 30830 MWO # Address Repair Organization P.O. No., Job No., etc. 3. Work Performed by Nuclear Operations Maintenance **Plant Vogtle** Address Name Identification Of System 1302 / Auxilliary Feedwater System (a) Applicable Construction Code ASME Section III Winter 1977 Addenda, N-249-1 Code Case 5. 1977 Edition, (b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989 6. Identification Of Components Repairs Or Replacement Components NAME NAME MANUFACTURER NATIONAL REPAIRED, ASME CODE SERIAL BOARD OTHER YEAR REPLACED OR STAMPED OF OF MANUFACTURER COMPONENT NO. NO. **IDENTIFICATION** BUILT REPLACEMENT (YES OR NO) PULLMAN N/A N/A V1-1302-108-H019 1987 REPLACEMENT YES PIPF SUPPORT POWER PRODUCTS ٩. 7. Description Of Work Snubber AD-501, serial # 163 was replaced with AD-501, serial # 369 to support surveillance testing. Hydrostatic 🔲 Pneumatic 🔲 Nominal Operating Pressure 🔲 8. Tests Conducted: N/A Other  $\square$ Pressure <u>N/A</u>PSI Test Temp. N/A ٩F 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 N/A N/A Certificate of Authorization No. **Expiration Date** 24/2013 Date 101 Lean Owner or Owner's Designee, Title **CERTIFICATE OF INSERVICE INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co of Connecticut</u> of Hartford Connecticut have inspected the components described in this Owner's Report during the period October 12, 2003 to <u>10-27-03</u>, 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 Kopman inspection. Commissions <u>GA 203</u> National Board, State, Province and Endorsements Inspector's Signature 10-27-03 Date

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

						Traveler # 0310	)3	
1. Owner	Southern Nuc	lear Operating Co	mpany	Date		10/18/03		
	40 Inverness Cent	Name er Parkway, Birmin	gham, Ala.	Sheet	1	Of	1	
2. Plant	Vogtie Ele	ctric Generating P	lant	Unit		1		
	Wayne	sboro, GA 30830		MWO #	·	10302744		
		Address			Repair Org	anization P.O. No., Jo	b No., etc.	
3. Work F	Performed by <u>Nucle</u>	ar Operations Ma Name	intenance			nt Vogtle Address		
4. Identi	fication Of System	· · · · · · · · · · · · · · · · · · ·		1208 / CI	harging System			
5. (a) Applicable Construction Code <u>ASME SEC III</u> 1977 Edition, <u>Winter 77</u> Addenda, <u>N-249-1</u> Code Case (b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989								
6. Identi	fication Of Compor	ients Repairs Or F	Replacement	Components				
NAME OF COMPONEN	NAME OF T 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	1-1208-011-H045	1987	REPLACEMENT	YES	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Work 8. Test (	Conducted: N/A X	Hydrostatic	Pressure	N/A PSI Tes	rating Pressure[ t Temp	 N/A⁰F		
			CERTIFI	CATE OF COMPLIAN	CE	······································		
	hat the statements ASME Code, Sect		rt are correct		REPLACEME		rms to the	
Type Code	Symbol Stamp	<b>.</b>			N/A			
Certificate	of Authorization No	»	N/A	Expiration D		<u>N/A</u>		
Signed	1 usel	Trance her's Designee, Th	Date le	0/20	12003	18-118-14	20/03	
	•	(	ERTIFICATE	OF INSERVICE INSP	ECTION			
Province o the compo- to <u>10-2</u> corrective By signing examinatio	f <u>Georgia</u> and e onents described <u>1-03</u> , and measures descrit this certificate, ns and corrective any manner for	mployed by <u>Harti</u> in this Owner state that to the bed in this Own neither the Inspe measures descrit any personal in	ord Steam B 's Report of best of my ers Report ector nor his ced in this O		Insurance Co. of -08/05/03- 1 ef, the Owner ha the requirement any warranty, e hermore, neither oss of any kind	Hartford, Connecticut 0/12/05//11/ as performed examin ints of the ASME C xpressed or implied the Inspector nor h	<u>ut</u> have inspected <u>ations and taken</u> ode, Section XI. , concerning the is employer shall nnected with this	
Date	10-21-	19 <u>03</u>	-					

10/19/0

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

							Traveler #	03104
	1. Owner	Southern Nuclear		зпу	Date		December 8, 2003	
		40 Inverness Cent	Name ter Parkway, Birm	ingham, AL	Sheet	1	of	1
	2. Plant	Vogtle Electric Ge	Address		Unit <sup>°</sup>		1	
	2. 1 10111		Plant					
		Waynesboro, GA	Address		MWO #	Repair Org	10302652 anization P.O. No., Jo	b No., etc.
	3. Work Per	formed by <u>Nuclear</u>	r Operations Main	tenance		Pla	ant Vogtle	•
		, <u></u>	Name				Idress	
	4. Identifica	tion Of System	·		1305 / CONDEI	NSATE SYSTE	<u>M</u>	
•	5. (a) Applic (b)Applic	able Construction ( able Edition of Sect	Code <u>ASME</u> ion XI Utilized For	<u>: Section III</u> r Repairs O	1977 Edition, Replacements 1989	Winter 197	7 Addenda, <u>N/A</u>	Code Case
	6. Identifica	tion Of Component:	s Repairs Or Repl	acement Co	omponents			
	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)
	1305 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	1K5-1305-062-02	1988	REPLACEMENT	YES
	8. Tests Co	nducted; N/A 🖾	Hydrostatic	Pneumatic Pressure CERTIFICA	anges on line 1-1305_ Dominal Operation N/A PSI Test ATE OF COMPLIANCI	ating Pressure t Temp.		
	rules of the AS	that the statements	made in the repo	rt are corre		replaceme		rms to the
		SME Code, Section 2	•	rt are corre		replaceme repair or replac		rms to the
			•			repair or replac		rms to the
	Type Code Sy	SME Code, Section 2	XI.	I/A		repair or replac		rms to the
الريمن فاتعادر	Type Code Sy	SME Code, Section 2	XI. Tean le	NA A De Bate		repair or replac	ement	rms to the
CA 23	Type Code Sy Certificate of J	SME Code, Section 2 mbol Stamp Authorization No	XI. <u> N</u> <u> N</u> <u></u>	WA a De Date		repair or replac	ement	rms to the

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

							Traveler #	03105
	1. Owner	Southern Nuclear	Operating Comp	any	Date		November 11, 2003	
		40 Inverness Cent		lingham, AL	Sheet	1	of	1
	2. Plant	Vogtle Electric Ge			Unit		1	
		Waynesboro, GA	Plant 30830		MWO #		10300260	
			Address			Repair Org	ganization P.O. No., Jo	b No., etc.
	3. Work Per	formed by Nuclear	r Operations Main	itenance		P	ant Vogtle	
			Name	•			ddress	
	4. Identifica	ition Of System			1201 / Reacto	r Coolant Syste	em	
	5. (a) Applie (b)Applie	cable Construction ( able Edition of Sect	Code <u>ASM</u> ion XI Utilized Fo	<u>E Section III</u> r Repairs Or	1977 Edition, Replacements 1989		77_Addenda, <u>N/A</u>	Code Case
	6. Identifica	tion Of Components	s Repairs Or Repl	lacement Co	omponents			
ĺ	NAME OF	NAME · OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	COMPONENT	MANUFACTURER	NO. N/A	NO. 	IDENTIFICATION ATY	BUILT 1991	REPLACEMENT	(YES OR NO)
1	STUD	VITCO NUCLEAR PRODUCTS	N/A	N/A	Alt	1991	REPLACEMENT	YES
						·		
					1			
-								
	7. Descripti	on Of Work <u>Replac</u>	e Steam Generat	or Stud at Ic	ication HLJ.			
	8. Tests Co	inducted:	Hydrostatic 🔲	Pneumatic	Nominal Oper	rating Pressure		
		N/A 🖾	Other	Pressure _	N/A PSI Tes	t Temp.	N/A *F	
i	r <del></del>		<del></del>	CERTIFIC	ATE OF COMPLIANC	F		
						_		
		that the statements SME Code, Section 2	•	ort are corre		replacem repair or repla		rms to the
						• •		
	Type Code Sy	mbol Stamp			N/	A	···-	
	Certificate of a	Authorization No.	A	VA /	Expiration C	Date	<u>N/A</u>	
181	Signed	Sheelad	Iran C	ead a Dale	· ////	2007		
111100		Øwner or Owner	's Designee, Title					
			CER		F INSERVICE INSPE	CTION		
	1 the under	signed holding a va	ulid commission i	ssued by th	e National Board of I	Roiler and Pres	sure Vessel Inspector	s and the State
	or Province o	Georgia_and em	ployed byH	artford Stea	m Boiler Inspection	and Insurance	Co of Connecticut	of <u>Hartford</u>
					Owner's Report du		October performed examinatio	
							ments of the ASME C	
	examinations	and corrective mea	asures described	in this Ow	ners Report. Furth	ermore, neithe	expressed or implied r the Inspector nor h	s employer shall
	inspection.	$\frac{1}{2} n y manner for any n n n n$	y personal injury	y or proper	ly damage of a los	ss of any kind	l arising from or con	inected with this
	7273	Inspector's Signat	ure	Commissi			Province and Endors	ements
	Date/			_				
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#### I۵ FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required By The Provisions Of The ASME Code Section XI

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								Traveler #	03106
	1.	Owner	Southern Nuclear	Operating Comp	anv	Date		January 12, 2004	
		•	40 Inverness Cem	Name		L 'Sheet	1		1
	2.	Plant	Vogtle Electric Ge	Address		 Unit	•	<u> </u>	
				Plant					
			Waynesboro, GA	30830 Address	······	MWO #	Renair Or	10200677 ganization P.O. No., Jo	b No., etc.
			:			. •		-	
	3.	Work Per	formed by <u>Nuclear</u>	<u>r Operations Main</u> Name	itenance	<u> </u>		lant Vogtle ddress	
	4.	Identifica	tion Of System			1305 / Conc	densate System	1	· . · · · · · · · · · · · · · · · · · ·
	5.		able Construction ( able Edition of Sect			1977 Edition, r Replacements 1989		77_Addenda, <u>N/A</u>	Code Case
	6.	Identifica	tion Of Component	s Repairs Or Repi	iacement C	omponents			
1		NAME OF	NAME OF	MANUFACTURER	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	130	MPONENT 5 PIPING YSTEM	MANUFACTURER PULLMAN POWER	NO. N/A	NO N/A	IDENTIFICATION 1K5-1305-058-01	BUILT	REPLACEMENT REPLACEMENT	(YES OR NO)
			PRODUCTS						
				1					' <b>1</b>
	а.	Tests Co	N/A 🛛	Other	Pressure	C Nominal Oper <u>N/A</u> PSI Ter ATE OF COMPLIANC	st Temp	—	
			that the statements ME Code, Section 3		ert are corre	ect and this	replacem repair or repla		rms to the
	Тур	e Code Sy	mbol Stamp			N	/A	· · · · · · · · · · · · · · · · · · ·	
	Cert	ificate of A	uthorization No.	<u> </u>		1 Expiration [	Date	N/A	
CHIN CHIN	Sign	ed 1	S Contraction of Owner	's Designee, Title	Lea-Bat	er_ay	21/20	104	
llar				CER		OF INSERVICE INSPE	CTION		
	l, 1	the unders	igned, holding a va	lid commission is	ssued by th	e National Board of I	Boiler and Pres	sure Vessel Inspectors	s and the State
	Con	<u>necticut</u> h	ave, inspected the d	components desc	ribed in thi	s Owner's Report du	ring the period		14, 2003
	to take	/-22-6 n correcti	off, and state ve measures desc	e that to the best ribed in this Ow	of my kno ners Repo	wiedge and belief, t rt in accordance wi	he Owner has ; th the requirer	performed examination nents of the ASME C	ns and tests and ode, Section XI.
	exar be l	ninations	and corrective mea	asures described	in this Ow	vners Report. Furth	ermore, neithe	expressed or implied, r the Inspector nor hi I arising from or con	s employer shall
		771	<u> 3 Chapmi</u>	an-	Commissi	ions <u>GAZO</u>	13	·····	
			Inspector/s Signat	ure		Nationa	al Board, State,	Province and Endorse	ments
	Da	le/	-22-04						

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

As Required By The Provisions Of The ASME Code Section XI

						Traveler #	03109
1. Owner	Southern Nuclear C	Line Townships	¥	Date		10/31/03	
	40 Inverness Cente	Name er Parkway, Birmin	gham, AL	Sheet	1	Of	3
2. Plant	Vogtle Electric Gen	erating Plant		Unit		1	
	Waynesboro, GA 3	30830		MWO #	· 1	10302794 and 10302795	5
		Address			Repair O	rganization P.O. No., J	ob No., etc.
3. Work Pe	rformed by <u>Nuclear</u>	Operations Mainte Name	enance	en		Plant Vogtie	
4 Identifie	ation Of System	INGUINC		2420 //netr	r ument Air Syster		
5. (a) Appli (b)Appli	icable Construction C cable Edition of Sect	Code <u>ASMES</u> ion XI Utilized Fo		19 <u>74</u> Edition, <u>Su</u> Ir Replacements 19 <u>8</u>		_Addenda, <u>N/A</u> -416-1	Code Case
6. Identific	ation Of Component:	s Repairs Or Rep	lacement C	omponents			
NAME	NAME OF	MANUFACTURER	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMPONENT	MANUFACTURER	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
VALVE	FLOWSERVE CORP.	E798A-1-3	N/A	1-2420-U4-049	1999	REPLACED	YES
VALVE	ROCKWELL INTERNATIONAL CORP.	86ABV	N/A	1-2420-U4-049	1989	REPLACEMENT	YES
8. Test Co	<u>103027</u> nducted: N/A 🗌	Hydrostatic 🗌 Other 🗌	Pneumatie Pressure			eX Code Case N-416 N/A *F	-1
	· · · <u>·</u> ····		CERTIFIC	ATE OF COMPLIANC	CE		
	hat the statements m ME Code, Section XI.		t are correct	t and this	REPLACEM repair or repla		orms to the
Type Code Syn	nbol Stamp				N/A	· · · ·	
Certificate of A	uthorization No.	N	I/A	Expiration	Date	N/A	
Signed	Owner or Owner	's Designee, Title	<del>,</del>	Team Leader	Date //	183/201	3
	· · · · · · · · · · · · · · · · · · ·	CER		OF INSERVICE INSP	ECTION		
I the undersid	ned holding a valid					sure vessel inspector	rs and the State or
Province of	<u>Georgia</u> and e he components , and state th	mployed by <u>Hart</u> described at to the best of	<u>ford Steam E</u> in this my knowled	Boller Inspection and I. Owner's Re dge and belief, the C	<u>nsurance Co. of</u> port during )wner has perfe	Connecticut of Hartford	<u>d, Connecticut</u> have <u>10/17/03</u> nd taken corrective
and corrective	e measures descri	ibed İn this C	or proper	port. Furthermoi ty damage or a lo	re, neither th	or implied, concernin e Inspector nor hi d arising from or co	s employer shall
YIIK	Inspector's Signatu	re	Commi	issions <u>GA2</u> Nationa	⊿ <u>3</u> I Board, State, I	- Province and Endorse	ments
Date/	-4-03						

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CORRECTED COPY FORM NPV 1 CERTIFICATE HOLDERS! DATA REPORT FOR NUCLEAR PUMPS OR VALVES As Required by the Provisions of the ASME Code. Section III, Division it line of Pgr 1. 6 1. 3. 3

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Rockwell-International Corp Menufactured and certified by 1900 S. Saunders St., Raileigh, NC 27603 It contains and adoless of N Gallinosta Holderl Plater

2: Matulactored to: Georgial Power Co ... Pto. Box 282, Waynesboro, GA ---- 30830 1. Store Elname and address of Purchaser of Ownerly Location of installation - Georgia Power Commain Vogtle Plant, Vogtle GA 200 
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 Summer, 1975
 N-30-1: (1539 Modal No ASME Code: Section III, Division 11 (Lechich) (Lechenda gata) (Lechenda gata)

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Bodyi Cett Nell's Hoider's Sectol Board No. Sellel No No NZ5-1 AXIS N/A 1302 86ABV 87ABV AND A N/A NZ5-2 S8ABV N/A NZ5-8 

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2 This form (EOCU37) may be obtained from the Order Dept ; ASME: 22 Law Drive, Box 2300; Feirfield (NJ 07007, 2300

Bonnet Disk Serial Serla No. No: <13385-551 FF (G1601) 13385-56 FFF (G1601) 13385-57 SFF\* (G1601) **和**有些主义的名称是 Manager and the life all a rest to be all the and the second second

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A STATE AND A STATE AND A STATE AND A STATE AND A STATE AND A STATE AND A STATE AND A STATE AND A STATE AND A S MOREFERENCE 建设的建筑和中的全国 的修改的成功 ation in items 1 through 4 top of this form

# FORM NPV-1 (hack) $\widehat{MIR}$ 89-350 $\div 0.6$

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

			•				Traveler #	03110
1.	Owner	Southern Nuclear C		/	Date		10/22/03	
		40 Inverness Cente	Name r Parkway, Birmin	gham, AL	Sheet	1	of	
2.	Plant	Vogtle Electric Gen	erating Plant		Unit	<u></u>	1	
		Waynesboro, GA	30830	<u> </u>	MWO#		· <u>10203672</u>	
			Address			Repair Or	ganization P.O. No., J	ob No., etc.
3.	Work Per	formed by <u>Nuclear</u>	Operations Mainte Name	enance			Mant Vogtle ddress	
4.	Identifica	tion Of System			1201 / React	or Coolant Syste	<i>m</i>	. <u>.</u>
5.		able Construction ( able Edition of Sect			19 <u>77</u> Edition, <u>Wi</u> Dr Replacements 19 <u>8</u>		Addenda, <u>N/A</u>	Code Case
6.	Identifica	tion Of Component:	s Repairs Or Repi	lacement C	omponents			
[	VAME OF IPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1201-030-H044	1987	REPLACEMENT	YES
· 7. 8.	Description Test Con	ducted:	Hydrostatic	Pneumati	ic Nominal Ope	rating Pressure		R# 2003003142
		N/A X	Other	Pressure		st Temp	<u>N/A</u> °F	
rules		at the statements π 1E Code, Section XI				E <u>REPLACEM</u> repair or replac		orms to the
	-	thorization No.	N	 VA	Expiration		N/A	
Signe	hr	& Gad	's Designee, Title		Team Leader		128/2003	,
			CER		OF INSERVICE INSP	ECTION		
Provi inspe to <u>1</u> meas By si and be lii insp	nce of cted th <i>I-10-03</i> ures des gning this corrective able in an ection	Georgia and ene, and state the, and state the And state the, and state the And state the, and state the And st	mployed by <u>Hart</u> described lat to the best of Dwners Report he Inspector nor ibed in this C personal Injury	ford <u>Steam</u> in th my knowle in acco his employ wners Ro or prope	Boiler Inspection and I is Owner's F edge and belief, the O ordance with the yer makes any warra eport. Furthermon rty damage or a lo nissions <u>GA.2</u>	nsurance Co. of Report durin Owner has perfor requirements Inty, expressed re, neither the loss of any kin	sure vessel inspector <u>Connecticut</u> of <u>Hartfor</u> og the period ormed examinations a of the ASME C or implied, concernin e Inspector nor hi d arising from or co	<u>d Connecticut</u> have <u>10/21/03</u> nd taken corrective ode, Section XI. g the examinations s employer shall onnected with this

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

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1. Owner       Southern Nuclear Operating Company Name       Date       March 25, 2004         1. Owner       Name       Address       1       of         40 Inverness Center Parkway, Birmingham, AL       Sheet       1       of         Address       Address       Unit       1         2. Plant       Vogtle Electric Generating Plant       Unit       1         Plant       Waynesboro, GA 30830       MWO #       10303008         Address       Repair Organization P.O. No., Job 1	
40 Inverness Center Parkway, Birmingham, AL       Sheet       1       of         Address       Address       Inverness Center Parkway, Birmingham, AL       Sheet       1       of         Address       Unit       1       1       Inverness Center Parkway, Birmingham, AL       Sheet       1       of         Address       Unit       1       1       Inverness Center Parkway, Birmingham, AL       Sheet       1       Inverness Center Parkway, Birmingham, AL       Sheet       1       Inverness Center Parkway, Birmingham, AL       Sheet       1       Inverness Center Parkway, Birmingham, AL       Inverness Center Parkway, Birmingham, AL       Sheet       1       Inverness Center Parkway, Birmingham, AL       Inverness Center Parkway, Birmingham, AL       Sheet       1       Inverness Center Parkway, Birmingham, AL       Inverness Parkway,	1
Address         2. Plant       Vogtle Electric Generating Plant       Unit       1         Plant       Plant       10303008         Waynesboro, GA 30830       MWO #       10303008         Address       Repair Organization P.O. No., Job I	
Plant Waynesboro, GA 30830 MWO # 10303008 Address Repair Organization P.O. No., Job I	
Waynesboro, GA 30830         MWO #         10303008           Address         Repair Organization P.O. No., Job I	
	•
2 Mark Destamped by Abstract Occurtance Maintenance	vo., etc.
3. Work Performed by <u>Nuclear Operations Maintenance</u> Plant Vogtle	
Name Address	
4. Identification Of System 1302 / Auxillary Feedwater	
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 NAME MANUFACTURER NATIONAL REPAIRED,	ASME CODE
OF OF SERIAL BOARD OTHER YEAR REPLACED OR COMPONENT MANUFACTURER NO. NO. IDENTIFICATION BUILT REPLACEMENT	STAMPED (YES OR NO)
Valve Fisher 7854058 N/A 1-HV5132 1977 REPLACEMENT	NO
N/A ⊠ Other □ Pressure <u>N/A</u> PSI Test Temp. <u>N/A</u> •F .	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this replacement conform	s to the
rules of the ASME Code, Section XI. repair or replacement	
rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp	
rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp	
rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp	
rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp	
rules of the ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization No.  N/A  Signed  Signed  Certificate of 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 a	nd the State
rules of the ASME Code, Section XI. repair or replacement Type Code Symbol Stamp	of <u>Hartford</u>
rules of the ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization No.  N/A  Expiration Date  N/A  Signed  Certificate of Authorization No.  N/A  Expiration Date  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors a or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boller Inspection and Insurance Co of Connecticut</u> Connecticut have inspected the components described in this Owner's Report during the period November 1	of <u>Hartford</u> 0, 2003
rules of the ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization No.  N/A  Expiration Date  N/A  Signed  Certificate of Authorization No.  N/A  Expiration Date  N/A  Certificate of Authorization No.  Certificate of Authorization No.  Certificate of Bate Certificate of INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors a or Province of Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co of Connecticut Connecticut Autor Inspected the components described in this Owner's Report during the period November 11 to 4-5-C4 , and state that to the best of my knowledge and belief, the Owner has performed examinations	of <u>Hartford</u> 0, 2003 and tests ar
rules of the ASME Code, Section XI.       repair or replacement         Type Code Symbol Stamp       N/A         Certificate of Authorization No.       N/A         Signed       Image: Section Zillic Comments and the provided of the provided the provided the components described in this Owner's Report during the period       November 11         In the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors a or Province of Georgia_ and employed by	of <u>Hartford</u> 0, 2003 and tests an de, Section 2
rules of the ASME Code, Section XI.       repair or replacement         Type Code Symbol Stamp       N/A         Certificate of Authorization No.       N/A         Signed       Signed         Owner or Owner's Designee, Title       Signed         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors a or Province of Georgia and employed by <u>Hartford Steam Boiler Inspection and Insurance Co of Connecticut</u> Connecticut have inspected the components described in this Owner's Report during the period November 11 to <u>4-5-04</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations taken corrective measures described in this Owners Report In accordance with the requirements of the ASME Code Symbol State that to Inspector nor his employer makes any warranty, expressed or implied, co examinations and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his	of <u>Hartford</u> 0, 2003 and tests and de, Section 2 concerning the employer sha
rules of the ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization No.  N/A  Expiration Date  N/A  Signed  Certificate of Authorization No.  N/A  Expiration Date  N/A  Signed  Certificate of Authorization No.  N/A  Expiration Date  N/A  Certificate of Authorization No.  N/A  Expiration Date N/A  Expiration Date N/A  Signed  Certificate of Authorization No.  N/A  Expiration Date N/	of <u>Hartford</u> 0, 2003 and tests ar de, Section ) concerning the employer sha
rules of the ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization No.  N/A  Expiration Date  N/A  Signed  Certificate of Authorization No.  N/A  Expiration Date  Signed  Certificate of Authorization No.  N/A  Expiration Date  Signed  Certificate of Authorization No.  N/A  Expiration Date  N/A  Certificate of Authorization No.  N/A  Expiration Date  N/A  Certificate of Authorization No.  N/A  Expiration Date  N/A  Signed  Certificate of Authorization No.  N/A  Expiration Date  N/A  Certificate of Authorization No.  N/A  Expiration Date N/A  Expiration Date N/A  Signed  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors a or Province of Georgia and employed by Hartford Steam Boller Inspection and Insurance Co of Connecticut Connecticut have Inspected the components described in this Owner's Report during the period November 11 to <u>4-5-04</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations taken corrective measures described in this Owners Report in accordance with the requirements of the ASME Cod By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, o examinations and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his be liable in any manyer for any personal injury or property damage or a loss of any kind arising from or connection inspection, Authorization inspection, A	of <u>Hartford</u> 0, 2003 and tests ar de, Section ) concerning the employer sha ected with th
rules of the ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization No.  N/A  Signed  Certificate of Authorization No.  N/A  Expiration Date  N/A  Certificate of Authorization No.  N/A  Expiration Date  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors a or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co of Connecticut Connecticut have inspected the components described in this Owner's Report during the period November 1  N</u>	of <u>Hartford</u> 0, 2003 and tests an de, Section X concerning th employer sha ected with th

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	•	FORM NIS-2			FOR REPAIR				•
			· •					Traveler #04	122
<b>.</b> 1.	Owner	Southern Nuclear C	Derating Company Name	, 	Date			03/25/05	<u> </u>
		40 Inverness Cente	r Parkway, Birming	ham, AL	Sheet		1	of	_1
2.	Plant	ا Vogtle Electric Gen	ddress erating Plant		Unit			1	
	1		Name						
		Waynesboro, GA 3	30830 Address	<u> </u>	F	Repair Or		<i>)# 10303329</i> P.O. No., Job No., e	tc.
_		-				•	•		
3.	Work Pe	rformed by <u>Ma</u>	intenance Departm Name	ent	Type Code Syn Authorization I			N/A N/A	
			ant Vogtle		Expiration Date	•		N/A	·
4.	Identifica	ition of System	Address	1	208 / Chemical and	d Volume	Control Sys	stem	
5. <sub>.</sub> 6.	(b)Applic	cable Construction ( able Edition of Sect	ion XI Utilized for	Repairs or	Replacements 19	<u>89</u>	<u>1977</u> Add	enda, <u>N/A</u>	Code Case
[		<u> </u>		National				Repaired,	ASME Code
	ame of	Name of Manufacturer	Manufacturer	Board	Other Identificatio	_	Year Built	Replaced,	Stamped (Yes or No)
-	nponent PIPE	PULLMAN POWER	Serial No. N/A	No. N/A	V1-1208-039-h		1987	or Replacement	YES
su	IPPORT	RODUCTS							
	•								
8. 9.	Test Cor		Hydrostatic 🗌 F Other 🗍 F	Pneumatic[ Pressure	Nominal Oper	rating Pro st Temp.	essure	<u>′A</u> °F 	
		<u> </u>							
ASM	E Code, Se	at the statements m ection XI. Ibol Stamp				· replace	ement replaceme		he rules of the
Certi	ficate of A	uthorization No.	N/A		Expiration	Date 🖍		N/A	
Sign	ed L	Owner or Owner's	s Designee, Title	Team Lea	der Date	3/24	105	, 	
r			CERTI	FICATE OF	INSERVICE INSP	ECTION	·····		
or Pr <u>Hart</u>	ovince of ,	ecticut have inspe	commission issu and emp	ied by the i loyed by nents_desci	national Board of <u>Hartford Steam</u> ribed In this Ow	Boiler a Boiler Ins Iner's Re	pection and port durir	I Insurance Co. of C	<u>onnecticut</u> of 07/22/04
corre	ctive mea	sures described in	n this Owners R	leport in a	accordance with	the req	uirements	of the ASME Co	de, Section XI.
exam be lia	inations a	is certificate, neith nd corrective meas y manner for any Chornecat	ures described in	this Owne	damage or a lo	ss of an	neither the	e Inspector nor his	employer shall
Da	ite	Inspector's Signatur	e ·				State, Provi	nce and Endorseme	ents
	·	<u></u>							

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

		• .					Traveler #04	124
1.	Owner	Southern Nuclear O			Date		04/06/05	
		40 Inverness Center	Name Parkway, Birming	ham, AL	Sheet	1	of	1
2.	Plant	A Vogtle Electric Gene	ddress erating Plant		Unit		1	
		The second se	Name		• <u>•••</u> •••		O# 10303318	
		المستجرب بمستجر فنفر فتراسك ستجربه	ddress		Repair		P.O. No., Job No., e	tc.
3.	Work Pe	rformed by Mai	ntenance Departm	ent	Type Code Symbol St	amp	N/A	
0.			Name		Authorization No.		N/A	
		and the second se	nt Vogtle		Expiration Date		N/A	
4.	Identifica	tion of System	ddress	1	208 / Chemical and Volui	ne Control Sys	stem	
5.		cable Construction C cable Edition of Secti				<u>ter 1977</u> Add	enda, <u>N-249-1</u>	Code Case
6.	Identifica	ation Of Components	Repaired or Rep	laced and R	eplacement Componen	ts	• .	
[				National			Repaired,	ASME Code
	ame of a ponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)
	PIPE	PULLMAN POWER	N/A	N/A	V1-1208-011-H045	1987	REPLACEMENT	YES
50	PPORT	RODUCTS						
7.	Descript	ion of Work Snubber	AD-41, serial #85	5 was replac	ed with a Lisega Type 30	) snubber seria	al #03615870/096 In I	accordance
	with DC	P 99-VAN0033.						
8.	Test Cor				☐ Nominal Operating <u>N/A</u> PSI Test Tem	Pressure	<u>⁄4</u> °F	
9.	Remarks	See Item 7						. <u></u>
			App	licable Man	ufacturer's Data Report	s to be attach		
w	e certify th	nat the statements m			E OF COMPLIANCE	acement	conforms to t	he rules of the
	E Code, Se				repair	or replaceme		
Туре	Code Syn	nbol Stamp			N/A		•	
Certi	ficate of A	uthorization No.	/ N/A		Expiration Date		N/A	
Signe		Sugelet Owner or Owner's	Designee, Title	Team Lead	derDate 9-/	6/200	5-	
			CERT	FICATE OF		N	····	
l the	undersia	holding a valid			INSERVICE INSPECTIO national Board of Boile		re Vessel Inspector	s and the State
or Pr	ovince of	Georgia ·	and emp	loyed by	Hartford Steam Boiler	Inspection and	I Insurance Co. of C	
	lord, Conr 4-7-03				ribed in this Owner's riedge and belief, the			07/22/04
					ccordance with the r			
exam be lia	inations a able in an	nd corrective measury manner for any p	ires described in personal injury o	this Owne	nployer makes any w rs Report. Furthermon damage or a loss of ions <u>CA203</u>	e, neither th	e Inspector nor his	employer shall
~		Inspector's Signature	e		National Board	t, State, Provi	ince and Endorseme	ents
Da	te	1-7-05						
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	÷	FORM NIS-2			FOR REPAIR			CEMENTS	
		•	· · · ·			0000 000		Traveler #04	125
1.	Owner	Southern Nuclear O	perating Company Name		Date			03/25/05	
		40 Inverness Center		ham, AL	Sheet		1	of	1
2.	Plant	A Vogtle Electric Gene	ddress		Unit ·			1	
۷.	Flain		Name	<u> </u>					
		Waynesboro, GA 3			···			0# 10303317	<u></u>
		-	ddress		· H	lepair Org	anization	P.O. No., Job No., e	10.
3.	Work Per	rformed by <u>Mai</u>	ntenance Departm Name	ent	Type Code Syr Authorization I	•	e <u></u>	N/A	
		Pla	ant Vogtle		Expiration Date			N/A	
4.	Identifica	A A A A A A A A A A A A A A A A A A A	ddress	1	208 / Chemical and	d Volume (	Control Sv	stem	
5. 6.	(a) Applic (b)Applic	cable Construction C able Edition of Secti ntion Of Components	on XI Utilized for	<u>C ///</u> 19 Repairs or I	77 Edition, Replacements 19	Winter 89			Code Case
<b></b>				National		—		Repaired,	ASME Code
	me of	Name of	Manufacturer	Board	Other		Year	Replaced,	Stamped
the second se	nponent PIPE	Manufacturer PULLMAN POWER	Serial No. N/A	No. N/A	Identificatio		Built 1987	or Replacement	(Yes or No) YES
	PPORT	RODUCTS							
7. 8. 9.	with DCI Test Con		lydrostatic 🔲 F	neumatic	Nominal Oper		ssure		1 in accordance
		<u></u>	Арр	licable Man	ufacturer's Data I	Reports to	be attach	ned	
ASM	E Code, Se	nat the statements ma ection XI. abol Stamp				CE <u>replace</u> repair or r			he rules of the
	•	uthorization No.	/ N/A	<u></u>	Expiration			N/A	··· <u></u>
Signe		· Owner or Owner's	Designee, Title	Team Lead	·	3/24	les		<u></u>
•									
or Pro <u>Harti</u> to	ovince of ord, Conn 4-1-0	ecticut have inspected to the section of the sectio	commission issu and emp cted the compor hat to the best o	ied by the i loyed by nents desci of my know	Hartford Steam ( ribed in this Ow vledge and belief	Boiler an <u>Boiler Insp</u> ner's Rep I, the Own	ection and port durin ner has p	<u>d Insurance Co. of C</u> ng the period performed examinat	onnecticut of 07/22/04 ions and taker
By s exami be lia inspe	signing the inations a able in an ction	sures described in is certificate, neithe nd corrective measu y manner for any p <i>Chapter and</i> Inspector's Signatur	er the Inspector ures described in personal injury o	nor his er this Owne	mployer makes a ers Report. Furth damage or a lo ions GA20	any warra hermore, r ss of any	nty, expr neither the kind ari	essed or implied, e Inspector nor his	concerning the employer shal ected with this
Da	te <u>4</u> .	1-05		<u></u>	•		· · ·		

3/25/0

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FORM NIS-2 OWNER'S REPORT FOR THE PAIRS OR REPI As Required By The Provisions Of The ASME Code Section XI SOR REPLACEMENTS

							Traveler #041	29
1.	Owner	Southern Nuclear (	Operating Company		Date	1	March 22, 2005	
			Name er Parkway, Birmingl	ham, AL	Sheet	1	of	1
2.	Plant	Vogtle Electric Ger	Address erating Plant		Unit .		1	
	•		Name					
		Waynesboro, GA	30830 Address		Banais	103033	28 1 P.O. No., Job No., e	
					перан	Organization	i F.O. NO., 300 NO., E	IÇ.
3.	Work Per	formed byM	aintenance Departm	ent	Type Code Symbol Si Authorization No.	tamp	N/A	
		F	Name Nant Vogte		Expiration Date			
	t de máiltie e		Address		4208 (Chamian) and V		· · · · · · · · · · · · · · · · · · ·	
4.		tion of System _			1208 / Chemical and V	olume Control	· · · · · · · · · · · · · · · · · · ·	
5. 6.	(b)Applic	able Construction ( able Edition of Sect tion Of Component	ion XI Utilized for F	Repairs or R	77 Edition, <u>Winter</u> eplacements 19 <u>89</u> placement Components		lenda, <u>N-249-1</u>	Code Case
· ·	ame of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped
· · · · · · · · · · · · · · · · · · ·	nponent SUPPORT	Manufacturer PULLMAN	Serial No.	No. N/A	Identification V1-1208-040-H603	Built	or Replacement	(Yes or No) YES
		POWER				l		
1		-				}	ł	
8. 9.	Test Con Remarks	ducted: N/A 🔯 See Item 7	Other [ 🛛 🖡		Nominal Operating <u>N/A</u> PSI Test Tem	.pN	/ <u>A</u> •F	
r					······			
ASM	e certify th E Code, Se Code Sym					acement or replaceme		he rules of the
	-	chorization No.	N/A	,	Expiration Date		N/A	
Sign		1.J. Con	's Designee, Thie	Team Leade	er Date	3/30/2	<u></u>	
r	<u> </u>	·····	CEPT	IFICATE OF	INSERVICE INSPECTIO			
Provi <u>Conne</u> to	nce of <u>ecticut</u> ha <u>3-31-05</u>	Georgia ve Inspected the , and state th	commission issue and employed l components desc at to the best of m	d by the nat by <u>Hartfo</u> ribed in thi y knowledge	ional Board of Boiler an <i>ional Board of Boiler an</i> <i>ind Steam Boiler Inspectio</i> is Owner's Report dur and belief, the Owner I ance with the requi	d Pressure V <u>n and Insuran</u> ing the peri has performe	<u>ce Co. of Connecticut</u> od <u>July 22, 20</u> d examinations and	of <u>Hartford</u> 04 taken corrective
and be lia	corrective able in an ction	measures descr	ibed in this Ow personal injury o	mers Repo	damage or a loss of .	ither the Ir any kind a	spector nor his	employer shall nected with this
Da	te <del>3</del>	-31-05		. •				

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

			As Required By 1	he Provisio	ns Of The ASME Code S	Section XI	Traveler # 041	130
٩	Owner	Southern Nuclear O	perating Company		· Date		03/25/05	
1.	Owner	•	Name					
		40 Inverness Center		ham, AL	Sheet	1	of	1
2.	Plant	N Voqtle Electric Gene	ddress erating Plant		Unit		1	
			Name					· .
		Waynesboro, GA 3	0830 ddress	<u></u>	Repair (		<u>0# 10303319</u> P.O. No., Job No., e	•
							•	
3.	Work Pe	formed by <u>Mai</u>	ntenance Departm	ent	Type Code Symbol St Authorization No.	amp		
		Pla	Name Int Vogtle		Expiration Date		N/A	
		A	ddress		· · · · · · · · · · · · · · · · · · ·			
4.	Identifica	tion of System		12	208 / Chemical and Volun	ne Control Sys	stem	
5.		able Construction C able Edition of Section				<u>ter 1977</u> Add	enda, <u>N/A</u>	Code Case
6.	Identifica	tion Of Components	Repaired or Rep	laced and R	eplacement Component	ts .		
				National	<u> </u>	r	Repaired,	ASME Code
	ime of	Name of	Manufacturer	Board	Other	Year	Replaced,	Stamped
	nponent PIPE	Manufacturer PULLMAN POWER	Serial No.	No. N/A	Identification V1-1208-068-H002	Bullt 1987	or Replacement	(Yes or No) YES
	PPORT	RODUCTS		,	11 1200 000 11002			
7. 8. 9.	with DCP	99-VAN0033,	lydrostatic P Dther P	Pneumatic Pressure		Pressure	<u>//</u> ۴	4 in accordance
			C	ERTIFICATI	E OF COMPLIANCE		•	
	-	at the statements ma	ade in the report a	are correct a		acement		he rules of the
	E Code, Se				N/A	or replaceme	nt	
•••	•	bol Stamp	/ N/A		Expiration Date	<u></u>	N/A	
		5,0				1		
Signe	ed M.	Owner or Owner's	Decignon Title	Team Lead	ler Date	28/05		
<u> </u>		Ownedor Owner's	Designee, The		<b>*</b>			
			CERTI	FICATE OF	NSERVICE INSPECTION	N		
or Pro <u>Harti</u> to	ovince of ford, Conn 4-1-0	Georgia ecticut have inspected for the state state the state state the state s	and emp cted the compor hat to the best of	loyed by nents descr of my know	ational Board of Boller <u>Hartford Steam Boiler I</u> Ibed In this Owner's ledge and belief, the o ccordance with the re	<u>nspection and</u> Report durin Owner has p	<u>d Insurance Co. of Co</u> ig the period performed examinat	onnecticut of 07/22/04 ions and taken
exami be lia	inations a ble in an ction.	nd corrective measu	rres described in personal injury o	this Owner		e, neither the any kind ari	e inspector nor his	employer shall ected with this
Dat		-1-05				· ·		

A LAND

		FORM NIS-2	2 OWNER'S F				CEMENTS	
			As Required By	The Provisio	ns Of The ASME Code S	ection XI	Traveler # 041	31
1. Owr	ner	Southern Nuclear	Operating Company		Date	I	March 22, 2005	
			Name er Parkway, Birmingl	ham, AL	Sheet	1	of	1
2. Plar	nt	Vogtle Electric Ger	Address nerating Plant		Unit		1	
-			Name		<del></del>	40000		
		Waynesboro, GA	Address		Repair	103033 Organization	P.O. No., Job No., et	ic.
3. Wo	rk Parf	ormed by M	aintenance Departm	ent	Type Code Symbol St	amp	N/A	
0. 110	in i cir	*	Name		Authorization No.		N/A	
		F	Plant Vogtle Address	<u> </u>	Expiration Date		N/A	
4. Ider	ntificati	on of System	Address		1301 / Main Steam	n System		
(b)A	Applica	ble Edition of Sect	Code <u>ASME SE</u> ion XI Utiliz <del>e</del> d for F s Repaired or Repl	Repairs or Re aced and Re	74 Edition, <u>Winter</u> eplacements 19 <u>89</u> placement Components	<u>1975</u> Add	lenda, <u>N-249-1</u>	Code Case
Name o	of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped
Compon		Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
PIPE SUPF	PORT	PULLMAN POWER	N/A	N/A	V1-1301-015-H007	1987	REPLACEMENT	YES
		lucted: N/A 🔯 See Item 7		Pneumatic[[ Pressure	Nominal Operating I N/A PSI Test Tem		<u>// </u> •F	
		<u></u>	Ар	plicable Man	ufacturer's Data Reports	s to be attach	ed	
We cert ASME Coo Type Code	de, Sec	tion XI.	ade in the report a			acement or replaceme	conforms to t	he rules of the
••	-	horization No.	<b>N</b> VA	 	Expiration Date		N/A	
Signed	(r	Owner or wner	's Designee, Title	Team Leade	r Date '3/.	30/20		
[			CERT	IFICATE OF	INSERVICE INSPECTION	1		
	of thav	Georgia e inspected the , and state th	and employed components desc at to the best of m	by <u>Hartfo</u> ribed in this y knowledge	onal Board of Boiler and rd Steem Boiler Inspection s Owner's Report duri and belief, the Owner h nce with the requir	<u>and insuran</u> ng the peri as performe	ce Co. of Connecticut od <u>July 21, 20</u> d examinations and	of <u></u> 04 taken correct
to 4-1					•		mplied, concerning t	•
<u>Connecticu</u> to <u> </u>	desc ing this ective in any	certificate, neither measures descr manner for any	ibed in this Ow personal injury of	mers Repo or property	rt. Furthermore, nei damage or a loss of	ther the Ir	ispector nor his ising from or conr	employer sh
Connecticu to <u>4-1</u> measures By signin and corre be liable	desc ag this ective in any	certificate, neither measures descr	ibed in this Ow personal injury (	mers Repo	rt. Furthermore, nei damage or a loss of lons <u>CA203</u>	ther the Ir any kind ar		employer sh nected with th

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. , /		· · ·				FOR REPAIRS C ns Of The ASME Code			
	_	•				• •			133
	1.	Owner	Southern Nuclear Op	Name		Date		03/26/05	
			40 Inverness Center		ham, AL	Sheet	1	of	1
	_	<b>.</b> .		ddress					
	<b>2</b>	Plant	Vogtle Electric Gene	erating Plant Name		Unit		1	
			Waynesboro, GA 30				W	D# 10303326	
•		·		ddress		Repair	Organization	P.O. No., Job No., e	tc.
•	З.	Work Po	rformed by Mair	tenance Denartm	ont	Type Code Symbol S	tamn	N/A	
	J.	HUIKFE	normed by	Name		Authorization No.		· N/A	
				nt Vogtie		Expiration Date		N/A	
		l d a máidi a		ddress		1201 / Main Stop	m Custom		
	4.	Identifica	ation of System			1301 / Main Stea	ni System		<u>_</u>
	<ol> <li>(a) Applicable Construction Code <u>ASME SEC III</u> 19 77 Edition, <u>Winter 1977</u> Addenda, <u>N-249-1</u> Co (b)Applicable Edition of Section XI Utilized for Repairs or Replacements 1989</li> <li>Identification Of Components Repaired or Replaced and Replacement Components</li> </ol>								
	R14	ame of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped
		nponent	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
		PIPE	PULLMAN POWER	N/A	N/A	V1-1301-105-H005	1987	REPLACEMENT	YES
	SU	PPORT	RODUCTS		<b>├</b> ────	<u></u>			
			· ·						
	<ol> <li>Description of Work <u>Snubber AD-5501, serial #229 was replaced with a Lisega Type 30 snubber serial #04616450/053 in acc with DCP 99-VAN0033.</u></li> <li>8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N/A X</li> <li>Other Pressure N/A PSI Test Temp. N/A °F</li> </ol>								
	9.	Remarks	See Item 7	Арр	licable Manı	ufacturer's Data Report	ts to be attach	ed	
	ASM	E Code, S				repair	lacement or replaceme		he rules of the
	•••	•	nbol Stamp			N/A			
X .	Certi	ncate of A	uthorization No.	N/A		Expiration Date		N/A	
3/24/05	Signe	ed _	Owner or Owner's	Designee, Title	Team Lead	l <u>er</u> Date <u>3</u>	24/20	25	
<b>9</b> 7						·····			
					•	NSERVICE INSPECTIO			
	or Pro <u>Harti</u> to	ovince of ford, Conr <i>すー31-0</i>	<u>Georgia</u> <u>necticut</u> have inspected 5, and state the state	and emp ted the compon nat to the best of	loyed by lents descript my know	ational Board of Boile <u>Hartford Steam Boiler</u> lbed in this Owner's ledge and belief, the ccordance with the r	Inspection and Report durin Owner has p	<u>I Insurance Co. of C</u> ig the period erformed examinat	onnecticut of 07/22/04 ions and taken
	By s exam be lia	signing th inations a able in ar ction.	nis certificate, neithe and corrective measu	er the Inspector tres described in	nor his en this Owner r property	nployer makes any w rs Report. Furthermo damage or a loss of ons	arranty, expr re, neither the	essed or implied, Inspector nor his	concerning the employer shall
		<u> </u>	Inspector's Signature	. ·	••	National Board	d, State, Provi	nce and Endorseme	ents
i	Da	te <u>.</u> 3.	-31-05		•				

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FORM NIS-2 OWNER'S REPORT FOR BEPARE OF REPLACEMENTS

			As Required by		ns of the Asiv	E Code Se		Traveler #041	39
1.	Owner	Southern Nuclear C	Operating Company		Date			April 5, 2005	
		The second se	Name er Parkway, Birmingh	am, AL	Sheet	<u> </u>	1	of	1
2.	Plant	Vogtle Electric Gen	Address erating Plant		· Unit			_ 1	
		Waynesboro, GA	Name 30830				104025	18	
			Address		<del>-</del>	Repair C		P.O. No., Job No., et	c
3.	Work Per	formed byM	aintenance Departm	ent	••	Symbol Sta	mp	N/A	
		· F	Name Nant Vogtle		Authorization			N/A	<u> </u>
			Address		•				
4.		tion of System				actor Coola			
5. 6.	(b)Applic	able Construction ( able Edition of Sect tion Of Component:	ion XI Utilized for R	epairs or Re	•		977 Add	enda, <u>N/A</u>	Code Case
<b></b>		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	National				Repaired,	ASME Code
	ame of nponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identifica		Year Built	Replaced, or Replacement	Stamped (Yes or No)
the second se	SUPPORT	PULLMAN	N/A	N/A	1-1201-029		1987	REPLACEMENT	YES
					<u></u>				
8. 9 <i>.</i>	Test Con Remarks	ducted: N/A 🔯 See Item 7	Other [] F	Pneumatic		Test Temp		······································	: 
r				ERTIFICAT	E OF COMPLIA	NCE			
	e certify th E Code, Se	at the statements m ction XI				replac	r replaceme	conforms to the	ne rules of the
L	•	ibol Stamp				<u>N/A</u>			
Certi	ficate of A	sthorization No.			Expiratio	n Date		N/A	
Sign	ed (	Burger or Owner	's Designee, Title	Team Leade	e <u>r</u> Date	Ħ/7	105	• 	
					INSERVICE IN	DECTION			
Provi <u>Conne</u> to	nce of ecticut ha	Georgia ve inspected the , and state th	commission issued and employed is components descr at to the best of my	t by the nation by <u>Hartfo</u> ribed in this y knowledge	ional Board of <u>rd Steam Boiler</u> s Owner's Re and belief, the	Boiler and Inspection port durin e Owner ha	and Insurance of the period as performed	essel Inspectors and the <u>Co. of Connecticut</u> od <u>July 28, 200</u> d examinations and the ASME Code	of <u>Hartford</u> 04 laken corrective
By s and be lia inspe	corrective able in an action	s certificate, neither measures descr	the Inspector nor h ibed in this Ow personal injury c	is employer ners Repo	makes any wa rt. Furthern damage or a ions <u>GA</u>	nrranty, exp nore, neiti loss of a 7 <u>03</u>	pressed or in her the in any kind ari	nplied, concerning the spector nor his sing from or conn nce and Endorseme	he examinations employer shall ected with this
ــــــ									

16/05

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS	FORM NIS-2	<b>OWNER'S</b>	<b>REPORT F</b>	OR REPAIRS	OR REPL	ACEMENTS
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As Required By The Provisions Of The ASME Code Section XI

					:		Traveler # 04	140
1.	Owner	Southern Nuclear O	perating Company		Date		03/29/05	
		40 Inverness Center	Name Parkway, Birming	ham, AL	Sheet	1	of	1
2.	Plant	Average Stress Average Ave	ddress Prating Plant		Unit		1	
<b>6</b> -4	· ·		Name	<u></u>			_	
		Waynesboro, GA 3	0830 Iddress		Repa		<u>0# 10402519</u> P.O. No., Job No., e	tc.
3.	Work Pe	rformed by Mail	ntenance Departm	ont	Type Code Symbol	•	N/A	
J.	HUIKFE	normed by <u>Man</u>	Name	0/11	Authorization No.		N/A	· · · · · · · · · · · · · · · · · · ·
•		· · · · · · · · · · · · · · · · · · ·	nt Vogtle ddress		Expiration Date		N/A	
4.	Identifica	tion of System			1201 / Reactor Co	oolant System		
5. 6.	(b)Applic	cable Construction C able Edition of Section tion Of Components	on XI Utilized for	Repairs or R	eplacements 19 <u>89</u>		lenda, <u>N/A</u>	Code Case
	me of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
F	PIPE	PULLMAN POWER	N/A	N/A	V1-1201-042-H003		REPLACEMENT	YES
- 50	PPORT	RODUCTS	·····	}				
		l					l	
7.	Descript	ion of Work <u>Snubber</u>	PSA-1. serial #24	103 was repla	aced with a PSA-1 ser	ial #23206 to su	oport surveillance tes	tina.
	<u> </u>							
8. 9.	Test Cor Remarks		Dther F	ressure	Nominal Operatin VAPSITest Te Ifacturer's Data Repo	emp. <u>N</u>	∕A°F	
ASME	Code, Se	nat the statements ma action XI. abol Stamp				eplacement		he rules of the
	-	uthorization No.	N/A		Expiration Date		N/A	
Signe	d le	Owner Owner's	Designee, Title	Team Lead	ar Date 7	29/2005	<u> </u>	
			CERTI	FICATE OF I	NSERVICE INSPECT	ION		
or Pro <u>Hartí</u> to <u>3</u> correc By s exami be lia inspec	ovince of <u>ord, Conn</u> -3(-05 tive mean igning the nations a ble in. an chief	ecticut have inspective, and state the sures described in ils certificate, neither nd corrective measured with the sure of t	commission issu and emp ted the compor- hat to the best of this Owners R er the Inspector irres described in bersonal injury of	ed by the na loyed by of my knowl leport in ac nor his em this Owner r property o	Ational Board of Boi <u>Harfford Steam Boile</u> bed in this Owner edge and belief, the cordance with the ployer makes any s Report. Furtherm damage or a loss o	ler and Pressu e <u>r Inspection an</u> s Report during e Owner has p requirements warranty, expr ore, neither th of any kind ar	d Insurance Co. of C mg the period performed examinat of the ASME Coo ressed or implied, e Inspector nor his	onnecticut of 07/28/04 ions and taken de, Section XI. concerning the employer shall ected with this
Dat	e <u>_3-</u> 3	31-05			<u></u>			

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FORM NIS-2 OWNER'S REPO OR REPLACEMENTS As Required By The Provisions Of The ASME Code Section XI Traveler # 04141 1. Owner Southern Nuclear Operating Company Date April 5, 2005 Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of Address Plant Vogtle Electric Generating Plant Unit 2. Name Waynesboro, GA 30830 10402526 Address Repair Organization P.O. No., Job No., etc. Work Performed by Maintenance Department Type Code Symbol Stamp N/A Authorization No. N/A Name Plant Vogtle **Expiration Date** N/A Address Identification of System 1201 / Reactor Coolant System 4. ASME SEC III Winter 1977 Addenda, (a) Applicable Construction Code 19 77 Edition, N-249-1 **Code Case** 5. (b)Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification Of Components Repaired or Replaced and Replacement Components National Repaired, ASME Code Name of Name of Manufacturer Board Other Year Replaced, Stamped Component or Replacement Manufacturer Serial No. Identification Built (Yes or No) No. PIPE SUPPORT PULLMAN N/A N/A V1-1201-051-H008 1987 REPLACEMENT YES POWER 7. Description of Work Snubber AD -151, serial #175 was replaced with AD-151, serial #406 to support surveillance testing. Hydrostatic I Pneumatic Nominal Operating Pressure **Test Conducted:** 8. Pressure N/A PSI Test Temp. N/A N/A 🛛 Other Remarks See Item 7 9. Applicable Manufacturer's Data Reports to be attached CERTIFICATE OF COMPLIANCE REPLACEMENT conforms to the rules of the We certify that the statements made in the report are correct and this ASME Code, Section XI. repair or replacement N/A Type Code Symbol Stamp Certificate of Authorization No. N/A N/A **Expiration Date** Team Leader Date Sianed 🖌 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 \_\_\_\_\_ \_\_\_\_\_ and employed by \_\_\_\_Hartford Steam Boiler Inspection and Insurance Co. of Connecticut \_\_\_\_ of \_\_\_\_Hartford, Georgia Connecticut have inspected the components described in this Owner's Report during the period July 27, 2004 to <u>4-7-05</u> \_, 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 hapman Commissions GA203 National Board, State, Province and Endorsements Inspector's Signature 4-7-05 Date

. /	j.					BIGIN	AI						
/			FORM NIS-2			FOR REPAIRS O		CEMENTS Traveler # 041	 46				
	1	Owner	Southern Nuclear (	-		Date		April 4, 2005					
		Owner	Southern Nuclear Operating Company Name										
		. •	•	er Parkway, Birmingh Address	nam, AL	Sheet	1		.7				
	2.	Plant	Vogtle Electric Ger	erating Plant	<u></u> _	Unit .		1					
		•	Waynesboro, GA 30830 Address			10402520 Repair Organization P.O. No., Job No., etc.							
	-		•			•	-						
	3.	Work Performed by <u>Maintenance Department</u> Name		ent	Type Code Symbol Stamp           Authorization No.		N/A N/A	<u> </u>					
			F	Plant Vogtle Address		Expiration Date		N/A					
	4.	Identifica	tion of System			1204 / Safety Injection	on System	•					
	5.		able Construction			77 Edition, Winter 1	<u>1977</u> Add	enda, <u>N/A</u>	Code Case				
		(b)Applic	able Edition of Sect	ion XI Utilized for F	Repairs or Re	placements 19 <u>89</u>		•	,				
	6.	Identifica	tion Of Component	s Repaired or Repla	aced and Rej	placement Components							
[					National	Other		Repaired,	ASME Code				
		ame of mponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)				
	PIPE	SUPPORT	PULLMAN POWER	N/A	N/A	V1-1204-124-H014	1987	REPLACEMENT	YES				
								· ·					
	7.	Descripti	on of Work <u>Snub</u>	ber PSA -35, serial #	11503 was re	placed with PSA-35, serial	l #12264 to si	ipport surveilance tes	ting.				
	•												
	8. Test Conducted: Hydrostatic I Pneumatic Nominal Operating Pressure I N/A I Other I Pressure <u>N/A</u> PSI Test Temp. <u>N/A</u> °F												
	9.	Remarks	See Item 7					<u></u>					
	·	Applicable Manufacturer's Data Reports to be attached											
	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. repair or replacement												
		Code Sym ficate of Au	thorization No.	, N/A		N/A Expiration Date		N/A					
x94	Sign	ed /	Duplan Owner or Owner	's Designee, Title	Team Leade	Date 9/4	2005						
FI-	CERTIFICATE OF INSERVICE INSPECTION												
	Provi	ince of	essel Inspectors and ce_Co_of Connecticut	of									
	to 🛃	od <u>July 25, 20</u> d examinations and the ASME Code	taken corrective										
	By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employee liable in any manner for any personal injury or property damage or a loss of any kind arising from or connect increasing.												
	Inspector's Signature Commissions GA-20.3 National Board, State, Province and Endorseme												
	_		Inspector's Signatu	re .		National Board	, State, Prov	ince and Endorseme	nts				
	Da	ite <u>4</u>	-7-05		•								

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OR FORM NIS-2 OWNER'S NEPORT EPAIRS OR REPLACEMENTS ASME Code Section XI wined D .

		· · · · · ·				Traveler#04151						
1. Owner	Southern Nuclear	Operating Company	March 22, 2005									
	40 Inverness Cent	Name er Parkway, Birmingl	ham. AL	Sheet	1	of	1					
o Diaut		Address					<u> </u>					
2. Plant	Vogtle Electric Ge		Unit		1	,						
•	Waynesboro, GA	30830 Address		10402514 Repair Organization P.O. No., Job No., etc.								
3. Work	Performed by	laintenance Departm Name	ent	Type Code Symbol Stamp N/A Authorization No. N/A								
		Plant Vogtle		Expiration Date								
4. Identii	ication of System	Address		1206 / Containment Spray System								
5. (a) Applicable Construction Code <u>ASME SEC III</u> 19 74 Edition, <u>Winter 1975</u> Addenda, <u>N/A</u> Code Case (b)Applicable Edition of Section XI Utilized for Repairs or Replacements 1989												
			-	lacement Components								
Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped					
Componen	t Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)					
PIPE SUPPO	RT PULLMAN POWER	27598	N/A	1-1206-005-H010	1987	REPLACEMENT	YES					
					j	·						
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure     N/A A Other Pressure <u>N/A</u> PSI Test Temp. <u>N/A</u> *F      9. Remarks <u>See Item 7</u> Applicable Manufacturer's Data Reports to be attached												
		······································				·····						
	that the statements r			d this <i>repla</i>	cement	conforms to ti	ne rules of the					
ASME Code,				repair o N/A	or replaceme	nt						
1	ymbol Stamp	N/A	/	Expiration Date								
Signed U.S. Control Owner's Designee, Title Date 3/30/2005												
r		CERT		NSERVICE INSPECTION	<u>·</u> ·	<u></u>						
	• • •	commission issue	d by the natio	onal Board of Boiler and	l Pressure V							
to -1-1-0	have inspected the 55, and state the	components desc at to the best of m	ribed in this y knowledge	<u>d Steam Boiler Inspection</u> Owner's Report durin and belief, the Owner h nce with the require	ng the peri- as performe	od <u>July 27, 20</u> d examinations and 1	04 taken corrective					
By signing t and correct be liable in inspection.	this certificate, neither ive measures desc	the Inspector nor I ribed in this Ow personal injury o	his employer mers Repor or property	makes any warranty, ex t. Furthermore, nei damage or a loss of ons <u>CA2C3</u>	pressed or in ther the Ir any kind ar	mplied, concerning to spector nor his	he examinations employer shall lected with this					
Date	-1-05		<u> </u>				<u></u>					

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per 15h

•				ORI	GINAL	•		•
• .	FORM				FOR REPAIRS O		CEMENTS	
			AS Hequired by 1	Ne Provision	ns Of The ASME Code	Section A	Traveler # 041	153
1. Own	er <u>Southern</u>		perating Company		Date		03/26/05	<u> </u>
	40 Inverr	ness Center	Name r Parkway, Birming.	iham, AL	Sheet	1	of	1
2. Plan	t Vogtle El		ddress erating Plant		Unit	·	1.	
	Waynest	boro, GA 30	Name 0830			 W(	D# 10402523	
			ddress		Repair	Organization	P.O. No., Job No., e	tc.
3. Worl	k Performed by	/ <u>Mair</u>	ntenance Departme	ent	Type Code Symbol Si Authorization No.	tamp		
•			Name ant Vogtle		Authorization No.			
4. Iden	tification of Sy		ddress		1301 / Main Stea	m System		
(b)A	oplicable Edition	on of Section		Repairs or R	77 Edition, <u>Wir</u> Replacements 19 <u>89</u> Seplacement Componen	n <u>ter 1977</u> Add	enda, <u>N⁄A</u>	Code Case
Name o Compone		ne of acturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE SUPPOR		N POWER UCTS	• <b>N/A</b>	N/A	V1-1301-104-H005	1987	REPLACEMENT	YES
			- <u></u>		• <u> </u>			
<u>with</u> 8 Test	Conducted: N/A [ DCP 99-VANO Conducted: N/A [ Darks See Item	033. F	lydrostatic 🗌 P	Pneumatic	olaced with a Lisega Typ Nominal Operating VAPS1 Test Terr	Pressure		In accordance
•• ••••		,	Арр	licable Manu	facturer's Data Report	ts to be attach	ed	
ASME Cod Type Code	e, Section XI. Symbol Stamp of Authorization	on No.	C ade in the report a N/A Designee, Title	are correct a	repair N/A Expiration Date	$\frac{ acement }{\text{or replaceme}}$	nt	he rules of the
,		·····	CERTI	FICATE OF I	NSERVICE INSPECTIO	N		
or Province <u>Hartford</u> to <u>3-3</u> corrective By signin examinatio	e of <u>Connecticut</u> hi <u>Connecticut</u> hi <u>1-05</u> , a measures des g this certific ns and correc n any manner	<u>Seorgia</u> ave Inspec nd state ti scribed In tate, neithe tive measu for any p	commission issu and emp cted the compor hat to the best of this Owners R er the Inspector ures described in personal injury o	ued by the na ployed by nents descri of my knowl Report in ac nor his em a this Owner	ational Board of Boile <u>Hartford Steam Boiler</u> bed in this Owner's ledge and belief, the coordance with the r pployer makes any w rs Report. Furthermond damage or a loss of ons <u>CA 203</u>	r and Pressur Inspection and Report durin Owner has p requirements arranty, expre re, neither the any kind aris	t Insurance Co. of Co ing the period erformed examinat of the ASME Coo essed or implied, a Inspector nor his sing from or connection	onnecticut of 07/22/04 ions and taken de, Section XI. concerning the employer shall ected with this
Deta	•	s Signature	3		National Board	i, State, Provi	nce and Endorseme	ints
Date	3-31-05	<u> </u>	·					

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/			FORM NIS-	2 OWNER'S R			OR REPLA	CEMENTS	•
• • •	•		· .	As Required By	The Provisio	ns Of The ASME Code	e Section XI	Traveler # 041	54
	1.	Owner	Southern Nuclear	Operating Company		Date		April 4, 2005	
			40 Inverness Cen	Name ter Parkway, Birmingh	am. AL	Sheet	1.	of	1
		<sup>.</sup>	·	Address			i		<b>·</b>
	2.	Plant	Vogtle Electric Ge	Name	<u> </u>	Unit	<u> </u>	1	
			Waynesboro, GA	30830 Address			104025	29 P.O. No., Job No., e	
							-		
	3.	Work Per	formed by	Name	ent	Type Code Symbol Authorization No.	Stamp	N/A	
			•	Plant Vogtle		Expiration Date	·	N/A	
	4.	Identifica	tion of System	Address		1301 / Main Ste	am System		
	5. 6.	(b)Applic	able Edition of Sec	Code <u>ASME SE</u> tion XI Utilized for R ts Repaired or Repla	Repairs or Re			enda, <u>N-249-1</u>	Code Case
Γ			Name of	Manufacturer	National Board	Other	Year	Repaired,	ASME Code
		ame of nponent	Manufacturer	Serial No.	No.	Identification	Built	Replaced, or Replacement	Stamped (Yes or No)
1	PIPE	SUPPORT	PULLMAN POWER	N/A	N/A	V1-1301-106-H003	1987	REPLACEMENT	YES
Γ									
	8.	Test Con	ducted: N/A 🔀		Pneumatic		g Pressure [] mp N/	<u>A</u> •F	
	9.	Remarks	See Item 7	Apr	licable Man	lfacturer's Data Repo	rts to be attach	ed	
г									
	ASM	E Code, Se	ction XI.	made in the report as			PLACEMENT ir or replaceme		he rules of the
	•••	Code Sym ficate of Au	thorization No.	N/A		Expiration Date		N/A	
14101	Signe	ed W.	Owner or Owne	r's Designee, Title	Team Leade.	Date	4/20		
''   r				CERT		NSERVICE INSPECTI	ON		
	Provi <u>Conne</u> to	nce of <u>ecticut</u> ha 1-8-05	<u>Georgia</u> ve inspected the , and state t	I commission issued and employed I components descr hat to the best of m	d by the nation by <u>Hartfor</u> ribed in this y knowledge	onal Board of Boiler a d <u>Steam Boiler Inspect</u> of Owner's Report d and belief, the Owne nce with the req	and Pressure Ve tion and Insurance uring the period r has performed	e <u>Co. of Connecticul</u> d <u>July 27, 20</u> d examinations and	of <u>Hartford</u> 04 taken correctiv
	By s and be lia	signing this corrective able in an ction.	certificate, neithe measures desc	r the inspector nor h ribed in this Ow y personal injury c	nis employer mers Repor	makes any warranty, t. Furthermore, r damage or a loss o ons <u> </u>	expressed or in heither the In of any kind ari	nplied, concerning t spector nor his	he examination employer sha nected with thi
	Da	ite <u>4-</u>	• •				na, state, FIVI		

• • •

•					-OR REPAIRS		CEMENTS	
					·	•	Traveler # 04	156
1.	Owner	Southern Nuclear O	perating Company Name		Date		03/26/05	
		40 Inverness Center		ham, AL	Sheet	1	of	1
. 2.	Plant	Vogtle Electric Gene	erating Plant		Unit		1	
		Waynesboro, GA 3	Name 0830			W	O# 10402524	
	•		ddress		Repa	ir Organization	P.O. No., Job No., e	tc.
3.	Work Per	formed by Mai	ntenance Departm	ent	Type Code Symbol	Stamp	N/A	
			Name		Authorization No.		N/A	
			nt Vogtle ddress		Expiration Date		N/A	······
4.	Identifica	tion of System			1301 / Main St	eam System		
<b>5.</b> 6.	(b)Applic	cable Construction C able Edition of Secti ition Of Components	on XI Utilized for	Repairs or R	eplacements 19 <u>89</u>		enda, <u>N-249-1</u>	Code Case
			<u> </u>	National			Repaired,	ASME Code
	me of ponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)
F	PIPE	PULLMAN POWER RODUCTS	N/A	N/A	V1-1301-111-H004		REPLACEMENT	YES
			· · · · · · · · · · · · · · · · · · ·					
<u> </u>				tL	•		L	
7.	Descripti	ion of Work <u>Snubber</u>	AD-151L, serial #	754 was repla	aced with a AD-151L	serial #470 to sup	port surveillance tes	ting
8. 9.	Test Con Remarks		Dther 🗌 🦷 P	reumatic ressure licable Manu		empN		
			C	ERTIFICATE	OF COMPLIANCE			
ASME	Code, Se	at the statements m ection XI. bol Stamp			nd thisr	<i>eplacement</i> air or replaceme		he rules of the
•••	-	othorization No.	N/A		Expiration Date	······································	N/A	
Signe		Owner & Owner's	Designed Title	Team Leade		29/20.	5	
		onner proviner a	Designee, The					
or Pro _ <u>Hartfo</u> to	vince of <u>ord Conn</u> 3-31-0	ed, holding a valid <u>Georgia</u> <u>ecticut</u> have Inspect <u>5</u> , and state to sures described in	commission issu and emp ted the compor hat to the best o	ed by the national formation of the second s	<u>Hartford Steam Bolle</u> bed in this Owner ledge and belief, th	iler and Pressu <u>er Inspection and</u> 's Report durir e Owner has p	<u>I Insurance Co. of C</u> ig the period performed examinat	onnecticut of 07/28/04 lons and taken
By s exami	igning th nations a ble in an	is certificate, neithend corrective measury manner for any p	er the Inspector ires described in personal injury o	nor his em this Owner r property o	nployer makes any s Report. Furtherm	warranty, expr nore, neither the	essed or implied, e Inspector nor his	concerning the employer shall
		Inspector's Signature	9		National Bo	ard, State, Provi	nce and Endorseme	ents
Dat	e <u> </u>	1-05						

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		As Required By	The Provisio	ns Of The ASME Code S	ection XI	Traveler # 041	60
1. Owner	Southern Nuclear	Operating Company Name	<u></u>	Date	^	larch 22, 2005	
	40 Inverness Cent	er Parkway, Birmingi	ham, AL	Sheet	1	of	1
2. Plant	Vogtle Electric Ger	Address nerating Plant		Unit		1	
	Waynesboro, GA	Name 30830			104025	A3	
		Address		Repair		P.O. No., Job No., el	c.
3. Work Perl	formed by M	laintenance Departm	ent	Type Code Symbol St	amp	N/A	
	•	Name	<u> </u>	Authorization No.		N/A	
		Plant Vogtle Address		Expiration Date		N/A	
4. Identificat	tion of System			1301 / Main Steam	n System		
		<u> </u>		placement Components	r	Repaired,	ASME Code
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)
PIPE SUPPORT	PULLMAN POWER	N/A	N/A	V1-1301-230-H005	1987	REPLACEMENT	YES
			11	i		· · · · · · · · · · · · · · · · · · ·	
				· · · · · · · · · · · · · · · · · · ·			
B. Test Con	N/A 🔀		Pneumatic [] Pressure			<u>%</u> °F	
		Other [] I	Pressure		pN/		
9. Remarks We certify the ASME Code, See	N/A 🔀 See Item 7 at the statements n ction XI.	Other 🔲 🛛 I	Pressure plicable Man CERTIFICATI	N/A PSI Test Temp ufacturer's Data Reports E OF COMPLIANCE Id this <u>repla</u>	pN/	ed conforms to ti	ne rules of the
9. Remarks We certify the ASME Code, See Type Code Sym	N/A 🔀 See Item 7 at the statements n ction XI. bol Stamp	Other [] Ap	Pressure plicable Man CERTIFICATI ire correct an	N/A PSI Test Temp ufacturer's Data Reports E OF COMPLIANCE d this <u>repla</u> N/A	to be attach	ed conforms to th nt	ne rules of the
9. Remarks We certify the ASME Code, See	N/A 🔀 See Item 7 at the statements n ction XI. bol Stamp	Other [] I	Pressure plicable Man CERTIFICATI ire correct an	N/A PSI Test Temp ufacturer's Data Reports E OF COMPLIANCE Id this <u>repla</u>	b. N	ed conforms to th nt N/A	ne rules of the
9. Remarks We certify the ASME Code, See Type Code Sym	N/A 🔀 <u>See Item 7</u> at the statements n ction XI. bol Stamp thorization No.	Other I Ap	Pressure plicable Man CERTIFICATI ire correct an	N/A       PSI       Test Temp         ufacturer's Data Reports         E OF COMPLIANCE         id this       replation         repair         N/A	to be attach	ed conforms to th nt N/A	ne rules of the
9. Remarks We certify the ASME Code, See Type Code Sym Certificate of Au	N/A 🔀 <u>See Item 7</u> at the statements n ction XI. bol Stamp thorization No.	Other [] Ap	Pressure plicable Man CERTIFICATI ire correct an	N/A       PSI       Test Temp         ufacturer's Data Reports         E OF COMPLIANCE         id this       replation         repair         N/A	b. N	ed conforms to th nt N/A	ne rules of f
9. Remarks We certify the ASME Code, Ser Type Code Sym Certificate of Au Signed	N/A 🔀 .See Item 7 at the statements n ction XI. bol Stamp ithorization No. Owner or Owner owner or Owner	Other I Ap Ap nade in the report a N/A 's Designee, Title CERT commission Issue and employed	Pressure plicable Man CERTIFICATI re correct an Team Leade IFICATE OF 1 d by the nati by	N/A PSI Test Temp ufacturer's Data Reports E OF COMPLIANCE Id this replay repair of N/A Expiration Date r Date 3/2 INSERVICE INSPECTION onal Board of Boiler and rd Steam Boiler Inspection	b. N to be attach acement or replaceme acement or replaceme acement or replaceme acement or replaceme acement acement or replaceme acement ace	ed conforms to th nt N/A SC esset Inspectors and ce Co. of Connecticut	I the State
9. Remarks We certify the ASME Code, Set Type Code Sym Certificate of Au Signed	N/A 🔀 See Item 7 at the statements n ction XI. bol Stamp thorization No. Owner or Owner owner or Owner ed, holding a valid <u>Georgia</u> ve inspected the , and state th	Other I Ap Ap nade in the report a N/A 's Designee, Title CERT commission Issue and employed components desci iat to the best of m	Pressure plicable Man CERTIFICATI re correct an <i>Team Leade</i> <i>Team Leade</i> <i>Team Leade</i> <i>Team Leade</i> <i>Hartfor</i> ribed in this y knowledge	N/A       PSI       Test Temp         ufacturer's Data Reports         E OF COMPLIANCE         id this       replation         repair of         N/A         Expiration Date         r       Date         JNSERVICE INSPECTION         onal Board of Boiler and	to be attach acement or replaceme d Pressure V and Insurant as performed	ed conforms to th nt 	I the State of _ <u>Hartfo</u> 04 iaken correct
9. Remarks We certify the ASME Code, See Type Code Sym Certificate of Au Signed I, the undersigne Province of <u>Connecticut</u> has to <u>+-1-C5</u> measures desc By signing this and corrective be liable in any	N/A 🔀 <u>See Item 7</u> at the statements n ction XI. bol Stamp ithorization No. <u>Covernian</u> we inspected the <u></u>	Other Ap Ap nade in the report a N/A 's Designee, Title CERT COMMISSION ISSUE and employed components desci at to the best of m Owners Report the Inspector nor I ibed in this Ow	Pressure plicable Man CERTIFICATI re correct an Team Leade IFICATE OF 1 d by the nati by <u>Hartfor</u> ribed in this y knowledge in accorda his employer vners Repo	N/A       PSI       Test Temp         ufacturer's Data Reports       E         E OF COMPLIANCE       replation         id this       replation         repair of       N/A	b. N to be attach acement or replaceme accord or replaceme accord accor	ed conforms to the nt 	the State of <u>Hartfo</u> 104 taken correcti taken correction the examinatio employer sh
9. Remarks We certify tha ASME Code, Set Type Code Sym Certificate of Au Signed I, the undersigne Province of <u>Connecticut</u> hav to <u>4-1-05</u> measures desc By signing this and corrective be liable in any inspection.	N/A 🔀 <u>See Item 7</u> at the statements n ction XI. bol Stamp ithorization No. <u>Covernian</u> we inspected the <u></u>	Other Ap Ap nade in the report a N/A 's Designee, Title CERT commission Issue and employed components descr and employed components descr at to the best of m Owners Report the Inspector nor I ibed in this Ow personal injury of	Pressure plicable Man CERTIFICATI re correct an Team Leade TFICATE OF 1 d by the nati by <u>Hartfor</u> ribed in this y knowledge in accorda his employer vners Repo	N/A       PSI       Test Temp         ufacturer's Data Reports       E         E OF COMPLIANCE       replation         id this       replation         repair       N/A	b. Notes attach accement or replacement or replacement and Insurance and Ins	ed conforms to the nt 	the State of <u>Hartfo</u> 04 taken correction be examination employer sh ected with th

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

			As Required By T	ne Provisio	ns of the ASM	E Code S	ection XI	Traveler #050	58
1. Ow	ner <u>S</u> a	outhern Nuclear O	perating Company		Date			04/05/05	
	4(	) Inverness Center	Name <sup>,</sup> Parkway, Birming	ham, AL	Sheet		1	of	1
2. Plai	nt <u>V</u>	ogtle Electric Gene			Unit ·	<b></b>		1	
	W	aynesboro, GA 3	Name 0830				wc	)# 10400496	
		A	ddress	<u>.</u>	<b></b>	Repair O	rganization I	P.O. No., Job No., e	tc.
3. Wo	rk Perfor	med by <u>Mai</u>	ntenance Departme	ent	Type Code S	•	mp	N/A	
		Plá	Name Int Vogtle		Authorization Expiration D			N/A N/A	
4. Idei	 ntification	A n of System	ddress		1201 / Rea	ctor Coola	ant System	***********	
(b)4	Applicable	e Edition of Secti	ode <u>ASME SEC</u> on XI Utilized for I	Repairs or I	-	9 <u>89</u>	<u>er 1972</u> Adde	enda, <u>N/A</u>	Code Case
6. Idei	ntification	1 Of Components	Repaired or Repl		eplacement Co	mponents	s		
Name	1	Name of	Manufacturer	National Board	Other		Year	Repaired, Replaced,	ASME Code Stamped
Compon PUMF		Manufacturer /ESTINGHOUSE	Serial No	No. 23	Identificat		Built 1986	or Replacement REPLACEMENT	(Yes or No) YES
		ECTRIC CORP.	· · · · · · · · · · · · · · · · · · ·						
nur rea	mber 2 se	al housings are uti int pumps. Current sted: I	lized as rotating sp serial number info lydrostatic 🌅 P	ares (part of mation was Pneumatic	seal cartridge a obtained under	ssembly) ( ATVF# 04 perating P	and may be in 1041. Pressure X	tilied with this pump. Istalled on any of the	
9. Rei	marks <u>S</u>	See Item 7	Арр	licable Man	ufacturer's Data	a Reports	to be attach	ed	
We cer ASME Co Type Cod	de, Section	on XI.	C ade in the report a		E OF COMPLIA and this	repla	ocement or replaceme		he rules of the
Certificate	-	orization No.			Expiratio			N/A	
Signed	IV.	wner of wner s	Designee, Title	Team Lead	der Date	4/4	/200	<u> </u>	
r			CERTI	FICATE OF	INSERVICE INS	PECTION	4	· · · · · · · · · · · · · · · · · · ·	
or Provinc <u>Hartford</u> , to <u>4</u> -	ce of Connecti 7-05	<u>Georgia</u> <u>cut</u> have inspe , and state t	commission issu and emp cted the compor hat to the best of	ied by the i bloyed by nents desci of my know	national Board <u>Hartford Stear</u> ribed in this C viedge and bei	of Boller <u>n Boiler Ir</u> Dwner's F ief, the C	and Pressur <u>anspection and</u> Report durin Owner has p	e Vessel Inspector Insurance Co. of Co g the period erformed examinat of the ASME Coo	onnecticut of 06/04/04 ions and taken
examinati	in any r	corrective measure	ures described in personal injury o	this Owne property	ions <u>GA20</u>	thermore loss of a	e, neither the any kind aris	essed or implied, Inspector nor his sing from or conn nce and Endorseme	employer shall ected with this
Date	4-7-	05						· · ·	

					FOR REPAIRS C			059
	_						·	
1.	Owner	Southern Nuclear O			Date		04/05/05	
		40 Inverness Cente		ham, AL	Sheet	1 .	of	.1
			ddress					
2.	Plant	Vogtle Electric Gen		· ·	. Unit	<u> </u>	<u> </u>	···
			Name		•		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	•
		Waynesboro, GA 3	ddress	<del></del>			)# 10400679 P.O. No., Job No., e	A
		4	auress		Hepair	Organization	P.U. NO., JOD NO., E	ic.
3.	Work Per	formed by Mai	ntenance Departme	ent	Type Code Symbol S	itamp	N/A	
		· · · · · · · · · · · · · · · · · · ·	Name		Authorization No.	·	N/A	
		Pla	ant Vogtle		Expiration Date		N/A	
			ddress					
4.	Identifica	tion of System			1201 / Reactor Co	olant System		
5. 6.	(b)Applicable Edition of Section XI Utilized for Repairs or Replacements 1989							
	······			National		1	Repaired,	ASME Code
Na	ame of	Name of	Manufacturer	Board	Other	Year	Replaced,	Stamped
Сог	nponent	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
F	PUMP	WESTINGHOUSE ELECTRIC CORP.	2-9744D35G01	24	1-1201-P6-002	1986	REPLACEMENT	YES
7.	currently housings	installed on this pump are utilized as rotating	o. The number 2 set g spares (part of se	al housing S al cartridge	ent activity per CR# 200 /N 1815 was purchased assembly) and may be i	as a spare und	er PAV-27380. The I	number 2 seal
	pumps. C	Current serial number	information was ob	taineo under	AIVF# 04042.			
8.	Test Con			neumatic ressure	Nominal Operating <u>N/A</u> PSI Test Ter	PressureX np. <u>N/</u>	<u>A</u> ⁰F	
9.	Remarks	See Item 7	·					
			Арр	licable Man	ufacturer's Data Repor	rts to be attach	ed	
					E OF COMPLIANCE			
	e certify th E Code, Se	at the statements m	ade in the report a	are correct a		placement r or replaceme		he rules of the
		ibol Stamp			N/A			
	-	uthorization No.	N/A		Expiration Date	····	N/A	
ign	ed _	J.SGre Owner or owner's	Designee, Title	Team Lead	der Date 4	6/202	F	

**CERTIFICATE OF INSERVICE INSPECTION** 

I, the undersigned, holding a valid commission issued by the national Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co. of Connecticut</u> <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>06/04/04</u> or Province of \_ of to 4-7-05 , 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. Commissions

man Inspector's Signature

GA 203

National Board, State, Province and Endorsements

4-7-05 Date

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

		As Required By T	he Provision	ns Of The ASME Code S	Section XI	Traveler # 050	060	
1 Owner	Southern Nuclear O	·		Date		04/06/05	······	
1. Owner		Name			······	04/00/05	••••••••••••••••••••••••••••••••••••••	
	40 Inverness Center		ham, AL	Sheet	1	of	1	
2. Plant	A Vogtle Electric Gene	ddress erating Plant		Unit		1		
		Name		•		0# 10/00/07		
	Waynesboro, GA 3	ddress		Repair		0# 10400497 P.O. No., Job No., et		
0				·	-		•	
3. Work l	Performed by Mai	ntenance Departme Name	ent	Type Code Symbol St Authorization No.	amp	<u>N/A</u>		
		ant Vogtle		Expiration Date N/A				
4. Identif	A ication of System	lddress		1201 / Reactor Cool	lant System			
	blicable Construction C licable Edition of Secti				<u>ter 1972</u> Add	enda, <u>N/A</u>	Code Case	
6. Identif	ication Of Components	Repaired or Repl	laced and Re	eplacement Componen	ts .			
			National		1	Repaired,	ASME Code	
Name of Componen	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year - Built	Replaced, or Replacement	Stamped (Yes or No)	
PUMP	WESTINGHOUSE	3-9744D35G01	25	1-1201-P6-003	1986	REPLACEMENT	YES	
	ELECTRIC CORP.							
					1			
<u>curren</u> <u>pump</u> <u>may b</u> 8. Test C		D. The number 2 se However, the numb Unit 1 or 2 reactor Hydrostatic P	al housing S/ per 2 seal hou	N 2186 was originally su isings are utilized as rota is. Current serial number Nominal Operating	pplied and centring spares () r Information w	ntified with the Unit 2 r part of seal cartridge t ras obtained under A1	eactor coolant	
		Арр	licable Manu	ifacturer's Data Report	s to be attach	ned	<u></u>	
ASME Code, Type Code S	that the statements m Section XI. ymbol Stamp Authorization No.	N/A	are correct a	repair <u>N/A</u> Expiration Date	tacement or replaceme	N/A	he rules of the	
<u> </u>		CERTI	FICATE OF I	NSERVICE INSPECTIO	N			
or Province <u>Hanford, Co</u> to <u>H-7-</u> corrective m By signing examination: be liable in inspection.	onnecticut_ have inspe	and emp cted the compor- that to the best of this Owners R er the Inspector ures described in personal Injury o	bloyed by nents describ of my know leport in ac nor his en n this Owner or property of	<u>Hartford Steam Boiler</u> bed in this Owner's ledge and belief, the coordance with the r inployer makes any w 's Report. Furthermon damage or a loss of ons <u>CA203</u>	Inspection and Report durin Owner has p equirements arranty, expr re, neither th any kind ari	<u>d Insurance Co. of Co</u> ng the period performed examinat of the ASME Coo ressed or implied, e Inspector nor his	onnecticut of 06/04/04 ions and taken le, Section XI. concerning the employer shall ected with this	
			•		<u> </u>	·		

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

			AS Required by I	ne Fiovisio	ns of the asme code	e Section XI	Traveler #050	061
1.	Owner	Southern Nuclear O	perating Company		Date		04/05/05	
		40 Inverness Center	Name Parkway, Birming	ham, AL	Sheet	1	of	1
2.	Plant	A Vogtle Electric Gene	ddress erating Plant		Unit		1	· .
			Name			 	D# 10400499	····
		· · · · · · · · · · · · · · · · · · ·	ddress		Repai		P.O. No., Job No., e	tc.
3.	Work Per	formed by Mai	ntenance Departm	ent	Type Code Symbol	Stamp	N⁄A	
			Name		Authorization No.		N/A	
			nt Vogtle ddress		Expiration Date	·	N/A	
4.	Identifica	ition of System			1201 / Reactor Co	olant System		
5. 6.	(b)Applic	able Construction C able Edition of Secti	on XI Utilized for	Repairs or I		<i>linter 1972</i> Add	enda, <u>N/A</u>	Code Case
<u>.</u>							Depaired	ACUE Code
Na	me of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped
	nponent	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
F	PUMP	WESTINGHOUSE ELECTRIC CORP.	4-9744D35G01	26	1-1201-P6-004	1986	REPLACEMENT	YES
			····		•			
8. 9.	Test Cor	ducted:	Hydrostatic 🗌 F Dther 🗌 F	Pneumatic Pressure	ps. Current serial numb	g PressureX emp. <u>//</u>	<u>/4</u> °F 	IVF# 04044.
ASM	E Code, Se	at the statements m action XI. abol Stamp			and this <u>re</u>	eplacement lir or replaceme		he rules of the
	-	uthorization No.	N/A		Expiration Date	·	N/A	
Sign		<u>Sure</u> Owner or Owner's	Designee, Title	Team Lead	der Date	Ho/20.	_ۍد	
			CEBTI	FICATE OF	INSERVICE INSPECT	10N	···	
or Pro <u>Hart</u> to	ovince of ford, Conr 	<u>Georgia</u> ecticut have inspe- , and state t	commission issu and emp cted the compor hat to the best of	ued by the r ployed by nents descr of my know	national Board of Boi <u>Hartford Steam Bolle</u> libed in this Owner' vledge and belief, the ccordance with the	iler and Pressu e <u>r Inspection and</u> s Report durir e Owner has p	<u>d Insurance Co. of C</u> ng the period performed examinat	onnecticut of 06/04/04 ions and taken
exam	inations a able in ar	nd corrective measu	ures described in	this Owne	nployer makes any rs Report. Furtherm damage or a loss o ions GA 20.3	ore, neither the of any kind ari	e inspector nor his	employer shall
·		Inspector's Signatur	e	-	. National Boa	ard, State, Provi	ince and Endorseme	ents
Da	te <u>4-</u>	7-05	<del>_</del>					

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# **Vogtle Electric Generating Plant Unit 1**

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Twelfth Maintenance/Refueling Outage (1R12) Owner's Report for Inservice Inspection

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Southern Nuclear Operating Company the southern electric system

### VOGTLE ELECTRIC GENERATING PLANT

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### UNIT 1

# TWELFTH MAINTENANCE/REFUELING OUTAGE

# (1R12)

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

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

for the

# **TWELFTH MAINTENANCE/REFUELING OUTAGE**

of

VOGTLE ELECTRIC GENERATING PLANT, UNIT 1 (7821 River Road, Waynesboro, Georgia 30830)

#### **COMMERCIAL OPERATION DATE: May 31, 1987**

**DOCUMENT COMPLETION DATE: July 2005** 

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**

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$\cup$	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
		FAC Notification Report
	FNF FW	Feedwater System
	FSAR	VEGP Final Safety Analysis Report (includes updates thereto)
	GEO	Geometric Indications
~ .	GPC	Georgia Power Company
$\bigcirc$	HHSI	High Head Safety Injection
	HL	Hanger Lug
	HX	Heat Exchanger Hydraulic Snubber
	HYD IEN	NRC Information Notice (may also be shown as "IN" followed by unique no. denoting notice
	IEN	number)
	IND	Indication
	IND INF	Indication Notification Form
	ISI	Inservice Inspection
	IST	Inservice Testing
	ITS	VEGP Improved Technical Specification
	ID	Inside Diameter
	IR	Inside Diameter
	LB	Large Bore
	LD	Longitudinal Seam Weld Extending Downstream
	LD-I	Longitudinal Seam Weld Downstream Inside Radius of Elbow
	LD-0	Longitudinal Seam Weld Downstream Outside Radius of Elbow
	LD-0 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
	MECH	Main Steam System
		•
	MT NCI	Magnetic Particle Examination Nonconformance Item
L I	NDE	Nonconformatice Item Nondestructive Examination
$\bigcirc$	NUC	Inonaconacon a Chainmanon

# 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
	Paul-Munroe ENERTECH
PM	
PR	Pipe Restraint Profile
PROF	
PS	Pipe Support Pacific Scientific
PSA	
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

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### **INTRODUCTION**

This report documents the examinations and tests performed at Vogtle Electric Generating Plant, Unit 1 (VEGP-1) between October 21, 2003 (date of last examination performed during the eleventh maintenance/refueling outage, 1R11) and April 9, 2005 (date of last examination performed during the twelfth maintenance/refueling outage, 1R12) 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-1 through the completion of the twelfth maintenance/refueling outage in April 2005. 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: One
- 4. Owner Certification of Authorization: N/A
- 5. Commercial Service Date: 05/31/87
- 6. National Board Number for Unit: N/A
- 7. Components Inspected:

Component or	Manufacturer or	Manufacturer or Installer	State or Province	National Board
Appurtenance	Installer and Address	Serial Number	Number	Number
Reactor	Combustion Eng.	7372	 N/A	22004
Pressure Vessel	Inc.,			
	Chattanooga, TN			
Steam	Westinghouse Elec.,	GAGT 1881,	N/A	NA
Generators 1	Pensacola, FL	GAGT 1882,		
through 4.		GAGT 1883,	1	
		GAGT 1884		
Reactor Coolant	Westinghouse Elec.,	F1089	N/A	NA
Pump 2	Cheswick, PA			
Pressurizer	Westinghouse Elec.,	62189	N/A	NA
	Pensacola, FL			1
Safety Injection	Westinghouse Elec.,	52232	N/A	NA
Pump Train	Pittsburgh, PA			
"B"				
Boron Injection	Southwest	0070	N/A	434
Tank	Fabricating and			
	Welding Co.,			
	Houston TX			
Residual Heat	Joseph Oat Corp.,	2322-2B	N/A	1049
Removal Heat	Camden, NJ			
Exchanger,				
Train "B"				
Selected Piping,	Pullman Power	System Numbers 1201, 1204,	N/A	N/A
Components,	Products,	1205, 1208, 1301, 1302 &		
and Supports	Williamsport, PA	1305.		

#### FORM NIS-1 (Back)

- Examination Dates: October 21, 2003 to April 9, 2005 8.
- 9. Inspection Period Identification: Third Period
- Inspection Interval Identification: Second Inspection Interval 10.
- Applicable Edition of Section XI 1989\_Addenda None 11.
- Date/Revision of Inspection Plan: January 12, 2005 / Revision 7, 12.
- 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)
- Abstract of Results of Examinations and Tests. (See Abstract) 14.
- 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

<u>24</u>20<u>05</u> Signed:

Southern Nuclear Operating Company, Inc. for Georgia Power Company <u>Owner</u>

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State 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 October 21, 2003 to April 9, 2005, 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.

Inspectors Signature

Commission:

GA 203 National Board, State, Province, and Endorsements

Date: 6-30 2005

## 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-1. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those second inspection period examinations and tests which were performed between October 21, 2003 (date of last examination performed during the eleventh maintenance/refueling outage, 1R11) and April 9, 2005 (date of last examination performed during the twelfth maintenance/refueling outage, 1R12).

Risk Informed Program was approved by the NRC by letter dated September 30, 2003 and implemented during the VEGP 1R11 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 1R12 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-1 since 1R11 through the end of 1R12. Class 1 and Class 2 Owner's Reports for Repairs or Replacements (Form NIS-2) are provided herein.

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

#### **Class 1 Examinations**

Selected Class 1 components were examined by Southern Nuclear Operating Company (SNC) personnel utilizing ultrasonic testing (UT), magnetic particle testing (MT), dye penetrant testing (PT), 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,
- Pressurizer, Dissimilar Welds and Head and Shell Welds,
- Steam Generator Primary Nozzle Inner Radii, Channel Head Weld, and Manway Bolting,
- Reactor Coolant Pump, Flange bolts, Manway Bolting, Sealwater Cap Screws and Housing Bolts, and Flywheel (TS 5.5.7) and
- Piping welds.
- During the scope of VEGP-1 examinations conducted, no Class 1 components were observed to have either reportable UT, MT, or PT indications.

Four examinations had limited coverage 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. Three of the four limited examinations were submitted to the NRC through the relief request process prior to the 1R12 outage as allowed by 10 CFR 50.55a. The applicable relief request (RR-7 or RR-10) is indicated in the

remarks of the combined Class 1 and Class 2 Weld Examination table. In the case of the other limited examination, a relief request will need to be submitted to the NRC after the last outage of the ISI period. The applicable weld is indicated by "RR-Required" in the remarks of the combined Class 1 and Class 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 maintenance/refueling outage. This system leakage test (LT-1) was performed prior to plant startup following the refueling outage. These visual examinations revealed minor leakage and boron residue at mechanical connections. These leakage conditions were either corrected or evaluated and determined acceptable for continued system operation per approved plant procedures.

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). Those activities will be completed prior to the end of the inspection period.

#### **Class 2 Examinations**

Selected Class 2 components were examined utilizing UT, PT 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 Welds,
- Boron Injection Tank Welds
- Residual Heat Removal Heat Exchanger Welds
- Safety Injection Pump and
- Piping Welds.

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

Six examinations had limited coverage 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.

Three of the six limited examinations were submitted to the NRC through the relief request process prior to the 1R12 outage as allowed by 10 CFR 50.55a. The applicable relief request (RR-14 or RR-16) is indicated in the remarks of the combined Class 1 and Class 2 Weld Examination table. In the case of the remaining three limited examinations, a relief request will need to be submitted to the NRC after the last outage of the ISI period. The applicable three welds are indicated by "RR-Required" in the remarks of the combined Class 1 and Class 2 Weld Examination table.

#### Class 2 Pressure Tests

Table IWC-2500-1, Examination Category C-H, of ASME Section XI 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 leakage or residue at mechanical joints such as valve stem packing and at flanged connections. These leakage conditions were either corrected or evaluated and determined acceptable for continued system operation per approved plant procedures.

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. 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),
- Safety Injection System Equipment and Piping (1204),
- Residual Heat Removal (1205),
- Containment Spray (1206),
- Chemical and Volume Control System Equipment and Piping (1208),
- Main Steam (1301),
- Auxiliary Feedwater (1302), and
- Condensate and Feedwater (1305).

The visual examination resulted in one support component having an unacceptable condition as follows:

• Residual Heat Removal System, Rigid Strut, (11205-003-H012). During visual examination, spherical bearings were frozen at both ends of strut. Refer to INF I05V1001.

## Class MC Containment Examinations and Tests (IWE)

#### Category E-A, Containment Surfaces

The rulemaking contains a modification that requires a general visual examination once each period for Examination Category E-A, Containment surfaces. No general visual examination of the accessible surface areas of the Containment vessel pressure retaining boundary were scheduled or performed in 1R12.

#### Category E-B, Pressure-Retaining Welds

The rulemaking contains a modification that makes examinations of Subsection IWE, Category E-B optional. SNC has chosen to not examine Category E-B welds at VEGP.

#### Category E-C, Containment Surfaces Requiring Augmented Examination

Any existing surface areas likely to experience accelerated degradation and aging need to be identified. Such areas (if identified) require the performance of augmented examinations as defined in Examination Category E-C. There are no existing areas in VEGP-1 requiring Category E-C examination.

#### Category E-D, Seals, Gaskets, and Moisture Barriers

During the VEGP-1 Spring 2005 maintenance/refueling outage, a VT-3 of 100% of the moisture barrier was performed in response to the NRC rulemaking to 10 CFR 50.55a, in which the requirements of Subsections IWE, to the 1992 Edition of ASME Section XI with 1992 Addenda, were invoked. The examination was performed by SNC personnel using VEGP procedure 85053-C, Revision 2, "Visual Examination for ASME XI Subsection IWE and IWL, and General Visual Examination, and Web were qualified per VEGP procedure 85001-C, Revision 11.1, "Qualification of Inspection, Examination, and Testing Personnel". This VT-3 examination of the moisture barrier confirmed the absence of any flaws or areas of degradation that may violate the leak tight integrity of Containtment.

SNC has chosen to implement Request for Relief (RR-E-1) to allow leak tightness of seals and gaskets to be verified by 10 CFR 50, Appendix J Type B testing (LLRT). The NRC approved SNC's use of RR-E-1 in its June 16, 2000, letter to SNC. The Type B test results, along with the Type C test results, are available at the plant site for review upon request in accordance with 10 CFR 50 Appendix J Option B.

#### Category E-F, Pressure-Retaining Dissimilar Metal Welds

The rulemaking contains a modification that makes examinations of Subsection IWE, Category E-F optional. SNC has chosen to not examine Category E-F welds at VEGP.

#### Category E-G, Pressure-Retaining Bolting

One hundred percent (100%) of the accessible pressure-retaining bolting (bolts and studs) are required to be examined during the interval using a VT-1 visual examination method. No VT-1 examinations of the accessible Containment boundary pressure-retaining bolting were scheduled or performed during 1R12.

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

#### <u>NOTE</u>

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 twelfth maintenance/refueling outage (1R12) at VEGP-1.

#### **Introduction**

During 1R12 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 1 and 4, in parallel from March 14 to April 2, 2005. At the start of 1R12 each SG had 5626 tubes with six (6) plugged tubes in SG 1 and fourteen (14) plugged tubes in SG 4. The base inspection scope for SGs 1 and 4 follows:

- 100% full length bobbin (except for Rows 1 and 2, which are inspected from tube end to tube support plate (TSP) #7 from both hot leg side (HL) and cold leg side (CL));
- 50% HL TTS, ± 3", mid-range +Point examination;
- 50% U-bend (Rows 1 and 2) +Point examination;,
- Special interest +Point examination of areas identified during the bobbin inspection;
- 100% of the dents and dings ≥ 5 volts (by bobbin), not previously inspected, in the U-bend and HL areas with +Point examination;
- Special interest +Point examination of areas related possible loose parts;
- Visual inspection of tube plugs;
- Greater than 20% of total HL side expanded tubesheet section bulges (BLG) and over-expansions (OXP) +Point examination.

In addition to the above 1R12 data collected, a review was performed of all 1R10 Bobbin data for SG 1 and 4 to look for an artifact that indicated susceptibility to SCC found at Seabrook and Braidwood. There were no similar indications found in the Vogtle Unit 1 Bobbin data for SGs 1 and 4. The review was performed using information provided by the Electric Power Research Institute (EPRI) Steam Generator Management Program (SGMP). No potential ODSCC precursor signals at the TSPs were reported in those tubes which were identified in the review for special monitoring as being tubes potentially more susceptible to crack initiation at TSPs.

The initial sample of greater than 20% of total BLGs and OXPs in the tubesheet was selected from the region TTS -10" to +3", selecting from the largest BLG amplitudes in descending order and from the BLG locations with voltage >18V and where OXP>1.5 mils diametral excess to the extent necessary to exceed the 20% sample. Expansion of the inspection occurred and is described in a later section.

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-1381-GAE. That report will be available at the plant site for review upon request.

#### Scope Expansion

A scope expansion was implemented in accordance with Technical Specifications and EPRI Report 1003138, Pressurized Water Reactor Steam Generator Examination Guidelines, Table 3-2 due to crack indications detected in SG 4. The crack indications were in 2 tubes at BLG locations: a single circumferential indication within 1" of top of tubesheet (TTS) in 1 tube, and multiple circumferential indications within 2" of TTS in the other tube. The inspection in SG 4 was expanded to 100% of BLGs and OXPs in the tubesheet. The inspection was also expanded into SG 2 and SG 3, in which a sample inspection of greater than 20% of the tubesheet BLGs and OXPs was performed, with the initial sample in these SGs being selected similarly to the initial samples in SG 1 and SG 4. No additional crack indications were detected in the expanded inspections.

#### **Tube Inspection Plan**

Steam generator tube inspections conducted during 1R12 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 analysis. SNC site-specific Data Analysis Guidelines and procedure MRS 2.4.2 GPC-37, Rev. 11, "Steam Generator Eddy Current Data Analysis Techniques for Vogtle Units 1 and 2", were used to perform the analysis.

#### **Tube Wear**

Tables 1 - 4 list the locations and percent of wall thickness penetration for indications in all tubes having indications identified during the 1R12 inspection, including expansions.

#### **Tube Plugging**

Two tubes in SG 4 were plugged in 1R12 with mechanical plugs as listed in Table 1 below because of multiple circumferential indications (MCI) detected in R11C88 and a single circumferential indication (SCI) detected in R6C101. The indications were attributed to Primary Water Stress Corrosion Cracking (PWSCC). Both tubes had stabilizers installed in the hot leg side. No tubes in SG 1, SG 2, or SG 3 were plugged.

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. 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 1R12. The subject report was submitted to the NRC by SNC letter NL-05-0688, on 4/12/05.

#### **Final Results**

Inspection was performed in all four VEGP Unit 1 SGs. SG 1 and SG 4 were inspected as part of the original base scope, with inspections in SG 2, SG 3, and SG 4 expanded consistent with TS and EPRI guidelines requirements. The required expansion for SG 1 was met by the initial eddy current sample. There are three (3) tube degradation mechanisms in the Vogtle 1 SGs: AVB wear, PWSCC in tube sheet joint bulge locations, and loose parts wear. The wear at AVBs continues to progress very slowly, in line with predictions and consistent with industry experience and trends. The progression of tube wear associated with loose parts is very slight and reflects the attention paid to secondary side cleanliness. The two tubes with PWSCC in the tubesheet joint bulges were free from detectable degradation in 1R8; thus the modest extent of the 1R12 indications suggests slow progression after initiation.

#### AVB Wear

AVB wear is the only systematic degradation mechanism that has been observed at Vogtle 1. Based on application of conservative AVB wear growth rates, the condition of the Vogtle 1 SG 2 and SG 3 tubes have been analyzed with respect to continued operability of the SGs until the end of Cycle 13, without exceeding the structural integrity recommendations of draft Reg. Guide 1.121. For SG 1 and SG 4 the growth rates were determined by comparative analysis of AVB wear sites from 1R10 and 1R12. The growth values obtained were not large enough to present a likelihood that conditions exceeding Reg. Guide 1.121 structural limit would occur during the estimated 2.8 EFPY operating interval from 1R12 to 1R14 for SGs 1 and 4, nor during the estimated 2.8 EFPY operating interval from 1R11 to 1R13 for SG 2 and SG 3.

#### PWSCC in Tubesheet Joint Bulges

Given the small number of crack indications detected during 1R12, and the fact that they are found below the TTS in specifically targeted BLG/OXP locations, that they are precluded from burst, and did not present characteristics that challenged tube performance criteria during Cycle 12, it can be assumed that the incidence of such cracks during Cycle 13 will not differ significantly from what was observed during 1R12. Therefore it is expected that for SG1-4 the performance criteria for operations until 1R13 (1.4 EFPY estimated operating interval) will not be exceeded. The analysis of Cycle 13 with respect to circumferential PWSCC found in 2 tubes in SG4 will demonstrate on the basis of industry experience and the limited number and relative small sizes of the cracks observed that the incidence of cracks presenting a challenge to the tube integrity performance criteria is very unlikely during Cycle 13.

#### **Foreign Objects**

The small foreign object identified in the secondary side inspections in SG 1 (4/97 and 5/96) is fixed in place and poses no challenge to tube integrity during the operating interval encompassing Cycles 13 and 14. Review of the IN2002-02 information relative to the potential damage due to severing previously plugged tubes was not relevant since there were no visual or EC indications of significant loose parts wear.

Attached are the Westinghouse tables listing the percent of wall thickness penetration for indications identified during the 1R12 inspection in Steam Generators 1 through 4.

Page 1 of 3

SG - 1 Vogtle			1812	PERCER		коосн	WALL	INDICATIONS GAE	20050301	, KEPUKIII		(CHENT)		03/	31/2005	22:35	1
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1   43   43	21 21	1.17	0	РСТ РСТ	27 11	P2 P2	AV5 AV6	.00 .08				TEI TEI	I TEC	.560 .560	RBARH RBARH	20 20	
44	21	.43	ø		14		AV5	.00					TEC	.560	RBARH	20	
   41	23	.34	0	РСТ	11	P2	AV4	.00				TEH	I TEC	.560	RBARH	20	)
i 49	27 29	.31	0 0	РСТ РСТ	10 10		AV3 AV1	.00 05					I TEC	.560 .560	ZBALC RBARH	102 100	
50   50 	29	.30	Ø	PCT	11	P2	AV2	05				TEN	TEC	.560	RBARH	100	,
45     52	30 33	.36 .54	0	РСТ РСТ	12 16		AV3 AV2	.00 .00					I TEC	.560	ZBALC	98 98	
i 52	33	.57	0	PCT	17	P2	AV3	.00				TE	I TEC	.560	ZBALC	98	3
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54	36	.23	0		9		AV2	.00					I TEC	.560	RBARH	100	
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1 54 1 1 52	37 39	.39 .76	0 0	PCT PCT	14 23	P2 P2	AV6 AV2	.08 .00				TEI TEI	I TEC	.560	RBARH RBARH	100 100	
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   53	39	.31	0	РСТ	12	P2	AVG	.00				TEI	I TEC	.560	RBARH	100	,
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52	44	.97	0	PCT	23	P2	AV4	.00				TEI	I TEC	.560	ZBALC	94	ł
57 57 57 57	44 44 44	.62 2.01 .32	0 001 0	PCT PCT PCT	20 38 11		AV4 AV5 AV6	.05 .03 .03				TEI	H TEC H TEC H TEC	.560 .560 .560	RBARH RBARH RBARH	96 96 96	5
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   39   39   39   39	48 48 48 48	.36 .69 .61 .41	Ø	PCT PCT PCT PCT	12 20 18 13	P2 P2	AV2 AV3 AV4 AV5	.00 .00 .00 .00				TE: TE	H TEC H TEC H TEC H TEC H TEC	.560 .560 .560 .560	ZBALC ZBALC ZBALC ZBALC ZBALC	102 102 102 102	22
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54	53	.27	0	PCT	9	P2	AV2	.03				ТЕН	TEC	.560	RBARH	96	
54	53	.25	ŏ		9	P2	AV3	.00					TEC	.560	RBARH	96	
40	62	.37	0	PCT	11	P2	AV5	.00				TEH	TEC	.560	ZBALC	106	;
59	62	.27	Ø	PCT	9	P2	AV6	.00				TEH	TEC	. 560	RBARH	116	;
40	75	.24	Ø	PCT	8	P2	AV3	.00				TEH	TEC	.560	ZBALC	82	2
58	75	.27	Ø	РСТ	8	P2	AV1	.00				TEH	TEC	. 560	ZBALC	110	,
58	76	.30	0	PCT	7	P2	AV6	.00				тен	TEC	. 560	ZBALC	110	,
37	77	. 32	0	PCT	7		AV3	.36					TEC	.560	ZBALC	110	
37	77	.27	0	PCT	6	P2	AVG	.03					TEC	. 560	ZBALC	110	
57	78	.39	0	PCT	14	P2	AV6	.03					TEC	.560	ZBALC	84	ł
41	80	. 33	Ø	PCT	12		AV3	.08					TEC		ZBALC	84	ł
44	80	.25	Ø	PCT	9	P2	AV4	.15				TEH	TEC	.560	ZBALC	84	ł
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43	83	.41	ō	PCT	13	P2	AV5	.00					TEC	. 560	ZBALC	82	
54 54	83 83	.26 .38	0 0	РСТ РСТ	11 15		AV1 AV6	.00					TEC TEC	.560 .560	ZBALC ZBALC	70 70	
43	85	.31	ø		11	P2	AV2	.26					TEC	.560	ZBALC	84	
39	87	.25	-	PCT	8	P2	AV4	.03					TEC	.560	ZBALC	88	
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45	90	.37	0	PCT	12	P2	AV2	.00					TEC	.560	ZBALC	82	
45	90	.26	0	PCT	9	P2	AV3	. 00					TEC	.560	ZBALC	82	
53	90	.54		PCT	15		AV6	.00					TEC		ZBALC	82	
43 43	91 91	1.48 .61	0	PCT PCT	19	P2	AV2 AV3	.00 .00				TEH	TEC TEC	.560	ZBALC ZBALC	84 84	4
43	91	. 42	0	РСТ	14	P2	AV4	.00					TEC	. 560	ZBALC	84	
52	91	.34	0	PCT	12		AV1	05				TEH	TEC	.560	ZBALC	84	1
48	97	.35	0	PCT	12	P2	AV1	.00					TEC	.560	RBARH	66	5
47	99	.31	0	PCT	10	P2	AV2	.00					TEC	. 560	RBARH	68	
27	100	.25	0	РСТ	8	P2	AV5	.00					TEC	.560	ZBALC	58	3
37	102	.48	Ø	PCT	15	P2	AV5	.00				TEH	TEC	.560	RBARH	60	8
35	104	.31	Ø	РСТ	11	P2	AV3	.00				TEH	TEC	.560	RBARH	60	ð
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\$G -	1 1	LISTING	DF U	1R12	PERCE	ИТ ТИ	ROUGI	I WALL	INDICATIONS	(TECH SP	EC	REPORTIN	IG REQUI	REMENT)					
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Tubes: 66 Records: 110

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1		1 U1R1								20050301					03/	31/2005	22:35:	15
$\sim$									•••••									
	ROW		VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2 I	CRLEN	CRWID	CEG BEGT	ENDT	PDIA	PTYPE	CAL	L
	27	8	. 47		РСТ	17		AV6	.00	•••••	••••••	•••••		TEC		RBARH	24	ci
	27	9	.51	0	РСТ	16	P2	AV5	.00				ТЕН	TEC	.560	RBARH	2	c
	30	9	. 47	0	PCT	15	P2	AV2	.00				ТЕН	TEC	.560	RBARH	2	c
	30	9	1.68	0	PCT	33	P2	AV5	1.01				TEH	TEC	.560	RBARH	2	°
	i 33 33	12 12	.26 .22	0 0	PCT PCT	9 8	P2 P2	AV2 AV3	.15 .00					TEC TEC	.560 .560	RBARH RBARH		ci Ci
	33	12	.28	õ	PCT	10	P2	AVG	10				TEH		. 560	RBARH	2	čį
	36	13	. 22	0	РСТ	9	P2	AV2	.00				тен	TEC	.560	RBARH	20	C
	36	14	. 18	Ø	PCT	8	P2	AV1	.00				TEH	TEC	.560	RBARH	20	¢
	30	20	.15	Ø	PCT	6	P2	AV2	. ଡଚ				ТЕН	TEC	.560	RBARH	20	¢
	45	22	. 26	0	РСТ	11	P2	AV5	.00				TEH	TEC	.560	RBARH	16	c
	39	23	. 24	0	РСТ	10	P2	AV3	. ଡଚ				тен	TEC	.560	RBARH	16	c
	41	23	. 22	0	PCT	9	P2	AV2	. 00				тен	TEC	.560	RBARH	16	c
	   32	25	.16	0	PCT	7	P2	AV4	.00				тен	TEC	. 560	RBARH	20	c
	40	25	.22	Q	РСТ	9	P2	AV3	. 60				TEH	TEC	. 560	RBARH	16	c
	40	29	.22	0	PCT	7	P2	AV2	.08				тен	TEC	. 560	RBARH	12	c
	i 1 33	34	. 33	Ø	РСТ	12	P2	AV3	.00				тен	TEC	.560	RBARH		i Ci
	33	34 34	.24	0	PCT PCT	9 12	P2	AV4 AV5	.15				тен		.560	RBARH RBARH	10	ci
	54	36	.31	Ø	PCT	11	P2	AV5	.00					TEC	.560	RBARH		C
	54	38	.23	0	PCT	8		AV1	.05					TEC	.560	RBARH		c
	i				PCT									TEC	.560	RBARH		Í
ł	1 36	39	. 69	0		21		AV3	.05									°]
ア	40	39	.24	0	PCT	8		AV3	. 10					TEC	.560	RBARH		CI I
	41	39	.25	0	PCT	9		AV3	.00					TEC	.560	RBARH		C1 1
	28	40	.43	Ø	PCT	15	P2		.00					TEC	.560	RBARH		CI
	30 	40	. 48	0	PCT	15		AV5	.00					TEC	.560	RBARH		C  
	55 1	40	.36	0	PCT	12	P2	AV6	.00				TEH	TEC	.560	RBARH	10	C
	i 56	41	.36	G	PCT	12	P2	AV5	.00				TEH	TEC	.560	RBARH	14	C1
	27	43	. 31	Ø	PCT	11	P2	AV5	10				TEH	TEC	.560	RBARH	48	cj
	43	46	.56	0	PCT	19	P2	AV6	10				ТЕН	TEC	.560	RBARH	50	ci
	58	48	.37	0	PCT	13	P2	AV5	.00				TEH	TEC	.560	RBARH	48	cj
	27	51	.34	0	рст	12	P2	AV2	.00				TEH	TEC	.560	RBARH	64	cj
	i 39 39	51 51	.28 .35	0 0	PCT PCT	10 12	P2 P2	AV3 AV4	46 18					TEC Tec	.560 .560	RBARH RBARH		ci
	39 39	51 51	.33	0	PCT PCT	11 15		AV5 AV6	13				тен	TEC TEC	.560	RBARH RBARH		
	1 38	52	.22		PCT	8		AV3	56					TEC	. 560	RBARH		
	38	52	.24	Ö	PCT	9	P2	AV4	51				TEH	TEC	.560	RBARH	44	
	49	54	. 55	0	PCT	19	P2	AV2 AV3	.35					TEC	. 560	RBARH RBARH		ci
	1 49 1 49	54 54	.91 1.23	0	PCT PCT	26 31	P2	AV4	.10 .10				TEH	TEC TEC	.560	RBARH	50	¢j
	49	54	.69	0	PCT	22		AV5	03					TEC	.560	RBARH	50	C1
	38	55	.23	0	PCT	8	P2	AV4	.00	•				TEC	.560	RBARH	44	i
	57 	55	.34	0	PCT	12	P2		.00					TEC	.560	RBARH		сі 1
	39   39	56 56	.41 .37	0 0	РСТ РСТ	14 13		AV3 AV4	.00					TEC TEC	.560 .560	RBARH RDARH		C) C
	1 39	58	.23	0	PCT	8	P2	AV3	.00				тен	TEC	.560	RBARH	64	c
	I ROW	COL	VOLTS	DEG			CHN		INCH1	INCH2 I			CEG BEGT			PTYPE	CAL	••
]_	<b>**</b>	••••			••••	•	+	••••			••••••	•••••	••••	• • •	•••••			
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ogtle	1 U1R	12						GAE	20050301				03/	31/2005	22:35
ROW	COL	VOLTS						INCH1	INCH2 I CRLEN	CRWID CEG	BEGT			РТҮРЕ	CAL
39 39	58 58	.44 .30	0 0	PCT PCT	15 12		AV4 AV6	.05 .38			TEH	TEC TEC	.560	RBARH RBARH	64 64
39	62	.20	0	PCT	7	P2		.05				TEC	.560	RBARH	64
40	62	.68	0	РСТ	23	P2	AV2	15				TEC	.560	RBARH	70
40 40	62 62	1.40 .91	0	PCT PCT	33 27		AV3 AV4	.10 .23			TEH	TEC TEC	.560 .560	RBARH RBARH	70 70
40	62	.29	0	PCT	12		AV5	.18				TEC	.560	RBARH	70
50 50	63 63	.43	0	PCT PCT	15 19	P2		08 15			TEH	TEC TEC	.560	RBARH RBARH	106 106
50 28	63 65	.60 .29	9 9	РСТ РСТ	19 10		AV4 AV5	.18 17				TEC TEC	.560 .560	RBARH RBARH	106 64
58	65	.32	0	РСТ	13		AV1	.00				TEC	.560	RBARH	56
43	66	.36	0	PCT	13	P2	AV2	.00				TEC	.560	RBARH	106
43	66	.40	0	PCT	14	P2	AV3	.00				TEC	.560	RBARH	106
58	73	.34	0	PCT	14	P2	AV6	. 13				TEC TEC	.560 560	RBARH	58 72
38 39	74 75	.22 .45	0	РСТ РСТ	9 16		AV2 AV5	. 12 . 00				TEC	.560 .560	RBARH RBARH	74
39	75	.15	õ	PCT	7	P2	AV6	.00				TEC	.560	RBARH	74
38 38	76 76	.34 .51	0	РСТ РСТ	12 17	P2 P2	AV3 AV4	15 20			TEH	TEC TEC	.560 .560	RBARH RBARH	72 72
38	76 76	. 22	0	PCT	9	P2	AV6	10			TEH		.560	RBARH	73
50 50	76 76	.35 .99	0 0	PCT PCT	15 28	P2 P2	AV3 AV5	.03 .03				TEC TEC	.560 .560	RBARH RBARH	51 51
40 40	78 78	.49 .46	0	РСТ РСТ	17 16	P2 P2	AV2 AV3	.00				TEC TEC	.560 .560	RBARH RBARH	110
36	79	.35	0	PCT	13		AV4	.00				TEC	.560	RBARH	110
56	81	.30	0	РСТ	13	P2	AV6	08			тен	TEC	.560	RBARH	54
28	82	.25	0	PCT	10	P2	AV5	.00			TEH	TEC	.560	RBARH	9
40 40	82 82	. 62 . 98	0	РСТ РСТ	19 26	P2 P2	AV3 AV4	13 .10				TEC TEC	.560 .560	RBARH RBARH	71 71
55	82	.32	0		13		AV5	.00				TEC	.560	RBARH	5
40	84	.31	0	PCT	11		AV2	.08				TEC	.560	RBARH	7
40	84	.20	0	РСТ РСТ	7	P2 P2	AV5 AV4	.00 08				TEC TEC	.560 .560	RBARH RBARH	71
38 40	86 86	.38 .32	0		14 12		AV4	08				TEC		RBARH	7
40	87	. 48	-	РСТ				08				TEC	.560	RBARH	7
40	87	.57	0		18		AV5	.00				TEC		RBARH	7
40	88 88	.30 .64	0		11 20	P2	AV3 AV4	.08 05			TEH	TEC TEC	.560		71
40 40	88 88	.36 .40	0 0		13 14		AV5 AV6	.08 .10				TEC TEC	.560	RBARH RBARH	70
53	89	.28	Ø	PCT	11	P2	AV4	.00			TEH	TEC	.560	RBARH	7
40 40	90 90	.18 .33	0 0		6 12	P2	AV3 AV4	.00 13			TEH	TEC TEC		RBARH RBARH	7: 7:
40	90	.20	0		7		AV5	.00				TEC		RBARH	7
53 53	90 90	.24	0	PCT	10 12	P2	AV1 AV5	00. 00.			TEH	TEC TEC	.560	RBARH	7.
53 33	90 91	.36	0	РСТ РСТ	13 8		AV6 AV2	.00				TEC TEC	.560 .560	RBARH RBARH	7- 8:
40	92	.23		PCT	12	P2	AV3	.00				TEC		RBARH	7
40	92	.43	0	PCT	15	P2	AV5	.00			тен	TEC	.560	RBARH	7
								. 00			•				8
ROW		VOLTS						INCH1	INCH2 I CRLEN					PTYPE	CA

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ogtle	1 U1R	12						GAE	20050301			037	31/2005	22:3
ROW		VOLTS					LOCN	INCH1	INCH2 I CRLEN CRWII	CEG BEGT			ртуре	с. С.
40	93 93	.27 .31	0	РСТ РСТ	10 11		AV2 AV5	.00 13			TEC TEC	.560 .560	RBARH RBARH	
40	95	.27	0	РСТ	10	P2	AV2	.15		тен	TEC	.560	RBARH	
40 40	95 95	.30 .95	0	PCT PCT	11 25		AV3 AV4	18 .00		ТЕН ТЕН	TEC TEC	.560 .560	RBARH RBARH	
40	95	.33	Ø	PCT	12		AV5	05			TEC	.560	RBARH	
49	95	.24	0	рст	10	P2	AV3	.00		ТЕН	TEC	.560	RBARH	
38 38	96 96	.20 .10	0 0	PCT PCT	9 5		AV2 AV4	31 17		ТЕН Тен	TEC TEC	.560 .560	RBARH RBARH	:
38	96	.19	õ	PCT	9		AV5	.17			TEC	.560	RBARH	1
44 44	96 96	.17 .76	0	PCT PCT	8 24	P2 P2	AV2 AV3	.00 .00			TEC TEC	.560 .560	RBARH RBARH	
44 44	96 96	.76	0 0	PCT PCT	23 13	P2	AV4 AV6	.00		TEH TEH	TEC	.560	RBARH	
41	97	. 40	0	PCT	14		AV5	10			TEC	.560	RBARH	
44	97	.42	0	PCT	15		AV2	.10			TEC	.560	RBARH	
44 44	97 97	.68	0 0	PCT PCT	20 23	P2 P2	AV4 AV5	17		TEH TEH	TEC	.560	RBARH RBARH	
48	97	.32	e e	PCT	12		AV6	.00		тен		.560	RBARH	
44	99	.28	0	PCT	10		AVE	18			TEC	.560	RBARH	
40	100	.28	0	РСТ	10	P2	AV2	03		тен	TEC	.560	RBARH	
40 40	100 100	.22	0	PCT PCT	8 10		AV3 AV4	05 13		ТЕН ТЕН	TEC	.560	RBARH RBARH	
40 40	100 100	.28	Ø	PCT PCT	10	P2	AV5 AV6	13 05		ТЕН ТЕН	TEC	.560	RBARH RBARH	
42	100	.46	0	PCT	16		AV2	.00		ТЕН		.560	RBARH	
42 42	100 100	.27 .55	0 0	PCT PCT	10 18	P2 P2	AV3 AV4	08 .05		ТЕН ТЕН		.560 .560	RBARH RBARH	
42	101	. 32	0	РСТ	12	P2	AV3	.00		ТЕН	TEC	.560	RBARH	
	101 101	.61 .67	0 0	PCT PCT	19 20	P2 P2	AV4 AV5	03 .00			TEC TEC	.560 .560	RBARH RBARH	
43 43	101 101	.44 .91	0 0	РСТ РСТ	15 25	P2 P2	AV4 AV5	.00 .03			TEC TEC	.560 .560	RBARH RBARH	
45	101	.31	0	PCT	12	P2		.00			TEC	.560	RBARH	
45 45	101 101	.26	0 0	PCT PCT	9 5	P2 P2	AV5 AV5	45		TEH		.560	RBARH RBARH	
38	103	.32	0	PCT	12		AV4	05			TEC	.560	RBARH	
36	104	.35	ø	РСТ	12		AV2				TEC	.560	RBARH	
	104 104	.23 .25	0 0	РСТ РСТ	9 9		AV3 AV5	.00 .00			TEC TEC	.560 .560	RBARH RBARH	
	104	.26	0	PCT	11	P2	AV3	.10			TEC	.560	RBARH	
38 38	104 104	.54 .29	0 0	PCT PCT	18 12	P2 P2	AV4 AV5	.00 .13			TEC TEC	.560 .560	RBARH RBARH	
42 42	104 104	.47 .33	0 0	РСТ РСТ	17 13	P2 P2	AV3 AV4	.00 .09			TEC TEC	.560 .560	RBARH RBARH	٠
36	105	.27	0	РСТ	11	P2	AV2	.00		TEH	TEC	.560	RBARH	
36	105	.33	0	PCT	13	P2	AV5	.10			TEC	.560 .560	RBARH RBARH	
40   40   40	105 105 105	.26 .48 .60	0 0 0	PCT PCT PCT	11 17 20	P2	AV2 AV4 AV5	.03 .00 .08		TEH	TEC TEC TEC	.560	RBARH	
41	105	.22	Ø	РСТ	9	P2	AV3	08		тен	TEC	.560	RBARH	
32	106	.29	0	PCT	12	P2	AV3	.00		тен	TEC	.560	RBARH	
36	106	.23	0	РСТ	10	P2	AV5	-,03		TEH	TEC	.560	RBARH	
	106 106	.38 .53	0 0	РСТ РСТ	14 18		AV3 AV4	05 .05	-		TEC TEC	.560 .560	RBARH RBARH	
40	106	.38	Ø	PCT	14		AV5	.13			TEC	.560	RBARH	
ROW	COL	VOLTS	DEG					INCH1	INCH2 I CRLEN CRWI	D CEG BEGT	ENDT	PDIA	PTYPE	c

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ogtle	1 UIR	12						GAE	2005030	1					03/	31/2005	22:35	.1
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RUN	COL	VOLTS	DEG	TND	PFR	CHN	LOCN	INCH1	INCH2	т	CRIEN	CRWID	CEG REGT	ENDT	PDIA	PTYPE	CAL	
	107			PCT	13		AV3	.00		- • ·	•	•				RBARH	94	
	_																	
	107	.22		PCT	8		AV1	.00						TEC	.560		94	
38	107	.61	0	PCT	20		AV3	.00						TEC	. 560	RBARH	94	
38	107	. 54	0	PÇT	18	P2	AV4	05						TEC	.560	RBARH	94	
38	107	2.06	0	PCT	38	P2	AV5	.00					TEH	TEC	.560	RBARH	94	
39	107	. 27	0	РСТ	11	P2	AV3	.00					TEH	TEC	.560	RBARH	96	
33	108	.30	0	PCT	12	P2	AV3	•.10					TEH	TEC	.560	RBARH	96	
38	108	.43	0	PCT	16	P2	AV4	•.05					TEH	TEC	.560	RBARH	. 94	
36	109	. 30	0	РСТ	12	P2	AV3	.00					тен	TEC	.560	RBARH	94	
32	110	.30	ø	PCT	12	P2	AV3	.03					тен	TEC	.560	RBARH	94	
33	110	.54	Ø	РСТ	19	P2	AV3	.00					TEH	TEC	. 560	RBARH	96	
	110	.22		PCT	9		AV5	.00						TEC	.560	RBARH	96	
	110	.17	ŏ		7		AV6	.00						TEC	.560	RBARH	96	
32	111	.25	n	PCT	10	P2	AV1	.00					TEH	TEC	.560	RBARH	94	
	111	.40	ø		15		AV3	.00						TEC	.560	RBARH	94	
	111	.24		PCT	10		AV4	.00						TEC	.560	RBARH	94	
33	111	.53	ø	PCT	18	P2	AV3	.12					тен	TEC	.560	RBARH	96	
	111	.57		PCT	20		AV4	.00						TEC	.560		96	
	111	.53		PCT	19		AV6	.00						TEC	.560		96	
30	113	.31	0	PCT	12	P2	AV5	.03					тен	TEC	.560	RBARH	94	,
30	114	1.00	0	PCT	27	P2	AV5	.00					тен	TEC	.560	RBARH	94	,
ROW	COL	VOLTS	DEG	TND	PEP	CHN	1.00%	INCH1	INCH2	·+	+	CRW10	CEG BEGT	++ ENDT		•••••	CAL	+

Tubes: 98 Records: 176

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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
	R1.13 1CV-110		11208-005-CV110 3" PIPE DS (FO-0200, 201, 202)	ES-MISN-V-466		S05V1U563	T&C	INF - 105V1003
B2.11			11201-V6-002-W05	ES-MISN-V-411	403A, 411A	S05V1U588	NRI	UT lindications.
B-B			LOWER SHELL TO LOWER HEAD			S05V1U589	RI	Acceptable
			WELD			S05V1U590	RI	
						S05V1U591	NRI	
						S05V1U592	NRI	
						S05V1U593	NRI	
						S05V1U594	RI	
						S05V1U595	NRI	
B2.12			11201-V6-002-W09	ES-MISN-V-411	403A	S05V1U562	NRI	NA
B-B			LOWER SHELL LONGITUDINAL			S05V1U564	NRI	
			WELD			S05V1U565	NRI	
						S05V1U566	NRI	
B3.110		MT PER RR-7	11201-V6-002-W14	ES-MISN-V-411	411A	S05V1M001	NRI	NA
B-D			UPPER HEAD TO 4" SPRAY	ES-MISN-V-505		S05V1U574	NRI	
			NOZZLE WELD			S05V1U575	NRI	
						S05V1U576	NRI	
						S05V1U577	NRI	
B3.110		MT PER RR-7	11201-V6-002-W16	ES-MISN-V-411	411A	S05V1M005	NRI	Limit exam, RR-7
B-D			14" SURGE NOZZLE WELD TO	ES-MISN-V-505		S05V1U583	NRI	
			LOWER HEAD			S05V1U584	NRI	
						S05V1U585	NRI	
						S05V1U586	NRI	
B3.120 B-D			11201-V6-002-IR-05 4" SPRAY NOZZLE INNER RADIUS	ES-MISN-V-416	411A	S05V1U581	NRI	NA
B3.140 B-D			11201-B6-001-IR-01 INLET NOZZLE INNER RADIUS	ES-MISN-V-715		S05V1V210	SAT	NA

#### VEGP-1 TWELFTH 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
B3.140 B-D			11201-B6-001-IR-02 OUTLET NOZZLE INNER RADIUS	ES-MISN-V-715		S05V1V212	SAT	NA
B3.140 B-D			11201-B6-004-IR-01 INLET NOZZLE INNER RADIUS	ES-MISN-V-715		S05V1V215	SAT	NA
B3.140 B-D			11201-B6-004-IR-02 OUTLET NOZZLE INNER RADIUS	ES-MISN-V-715		S05V1V216	SAT	NA
B5.40 B-F	R1.15 1RCS-041		11201-V6-002-W17 6" SAFETY NOZZLE TO SAFE END WELD	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	324A, 355A	S05V1V086	SAT	NA
В5.40 В-F	R1.15 1RCS-035		11201-V6-002-W18 6" SAFETY NOZZLE TO SAFE END WELD	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	324A, 355A	S05V1V087	SAT	NA
B5.40 B-F	R1.15 1RCS-036		11201-V6-002-W19 6" SAFETY NOZZLE TO SAFE END	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	324A, 355A	S05V1V088	SAT	NA
B5.40 B-F	R1.15 1RCS-037		11201-V6-002-W20 6" RELIEF NOZZLE TO SAFE END WELD	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	324A, 355A	S05V1V089	SAT	NA
В5.40 В-F	R1.15 1RCS-019A		11201-V6-002-W21 4" SPRAY NOZZLE TO SAFE END WELD	ES-MISN-V-404 ES-MISN-V-605 ES-MISN-V-715	<b>326A, 356A</b>	S05V1U548 S05V1U549 S05V1U550 S05V1U551 S05V1V090	NRI NRI NRI SAT	NA

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
B5.40 B-F	R1.15 1RCS-027		11201-V6-002-W22 14" SAFE END WELD TO SURGE NOZZLE	ES-MISN-V-605 ES-MISN-V-715	315A, 357A	S05V1V112	SAT	UT exam deferred to 1R13
B6.180 B-G-1			11201-P6-002-B01 THRU B24 MAIN FLANGE BOLTS	ES-MISN-V-422	416A	S05V1U561	NRI	NA
B7.30 B-G-2			11201-B6-004-B01 THRU B32 PRIMARY MANWAY BOLTING	ES-MISN-V-715		S05V1V093	SAT	NA
B7.50 B-G-2			11204-078-8 FB 1.5" FLANGE BOLT ASSEMBLY FOR FE-0925	ES-MISN-V-715		S05V1V057	SAT	NA
B7.50 B-G-2			11204-079-12 FB 1.5" FLANGE BOLT ASSEMBLY FOR FE-0926	ES-MISN-V-715		S05V1V058	SAT	NA
87.50 B-G-2			11208-043-5 FB 1.5" FLANGE BOLT ASSEMBLY FOR RC PUMP 002	ES-MISN-V-715		S05V1V099	SAT	NA
B7.50 B-G-2			11208-045-14 FB 1.5" FLANGE BOLT ASSEMBLY FOR RC PUMP 003	ES-MISN-V-715		S05V1V098	SAT	NA
B7.60 B-G-2			11201-P6-002-B25 THRU B32 1.5" DIA. SEALWATER HOUSING CAP SCREWS	ES-MISN-V-715		S05V1V101	SAT	NA
B7.60 B-G-2			11201-P6-002-B33 THRU B48 2" DIAMETER SEAL- WATER HOUSING BOLTS	ES-MISN-V-715		S05V1V102	SAT	NA
B7.70 B-G-2			11204U6085 VALVE BOLTING (ISI-11204-126)	ES-MISN-V-715		S05V1V091	SAT	NA

### VEGP-1 TWELFTH 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
B7.70			11204U6126	ES-MISN-V-715		S05V1V092	SAT	NA
B-G-2			VALVE BOLTING (ISI-11204-023)					
B7.70			11204U6150	ES-MISN-V-715		S05V1V059	SAT	NA
B-G-2			VALVE BOLTING (ISI-11204-045)					
B8.20			11201-V6-002-W35	ES-MISN-V-404		S05V1M002	NRI	NA
B-H			SUPPORT SKIRT WELD	ES-MISN-V-505		S05V1U582	NRI	
B9.11	R1.11		11201-006-1	ES-MISN-V-406	329A	S05V1U606	NRI	Limited exam due to
B-J	1RCS-006		31" NOZZLE TO ELBOW	ES-MISN-V-605		S05V1U607	NRI	nozzle comfiguration. RR-10
B9.11	R1.11		11201-007-1	ES-MISN-V-406	329A	S05V1U608	NRI	Limited exam due to
B-J	1RCS-007		31" NOZZLE TO ELBOW	ES-MISN-V-605		S05V1U609	NRI	nozzle comfiguration. RR-10
B9.11	R1.16		11204-021-16	ES-MISN-V-481	304A	S05V1U559	NRI	Limited exam 50%
B-J	1SI-059A		6" PIPE TO VALVE			S05V1U560	RI	RR- Required
B9.11	R1.11		11204-024-19	ES-MISN-V-481	304A	S05V1U571	NRI	NA
B-J	1RCS-051		6" PIPE TO BRANCH CONNECTION	ES-MISN-V-605				
B9.11	R1.11		11204-025-23	ES-MISN-V-481	304A	S05V1U570	NRI	NA
B-J	1RCS-052		6" PIPE TO ELBOW					
B9.21	R1.11		11201-031-2 2" PIPE TO ELBOW	ES-MISN-V-481	346A	S05V1U527	NRI	Scan per MRP-24 recommendation.
B-J	1RCS-013		2 FIFE IU ELDUW			S05V1U528 S05V1U539	NRI T & C	
B9.21	R1.11		11201-031-3	ES-MISN-V-481	346A	S05V1U529	NRI	Scan per MRP-24
B-J	1RCS-013		2" ELBOW TO PIPE			S05V1U540	Т&С	recommendation.

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
B9.21	R1.11		11201-042-2	ES-MISN-V-481		S05V1U530	NRI	Scan per MRP-24
B-J	1RCS-014		2" PIPE TO ELBOW			S05V1U531	NRI	recommendation.
						S05V1U541	T&C	
B9.21	R1.11		11201-042-3	ES-MISN-V-481		S05V1U532	NRI	Scan per MRP-24
B-J	1RCS-014		2" ELBOW TO PIPE			S05V1U542	Т&С	recommendation.
B9.21	R1.11		11201-046-2	ES-MISN-V-481		S05V1U533	NRI	Scan per MRP-24
B-J	1RCS-015		2" PIPE TO ELBOW			S05V1U534	NRI	recommendation.
						S05V1U543	T&C	
B9.21	R1.11		11201-046-3	ES-MISN-V-481		S05V1U535	NRI	Scan per MRP-24
B-J	1RCS-015		2" ELBOW TO PIPE			S05V1U544	T&C	recommendation.
						S05V1U545	T&C	
B9.21	R1.11		11201-048-1	ES-MISN-V-481		S05V1U572	RI	NA
B-J	1RCS-026		3" BRANCH CONNECTION TO PIPE (AI 87-0131)	ES-MISN-V-605		S05V1U573	T&C	
B9.21	R1.11		11201-051-2	ES-MISN-V-481		S05V1U536	NRI	Scan per MRP-24
B-J	1RCS-016		2" PIPE TO ELBOW	ES-MISN-V-605		S05V1U537	NRI	recommendation.
						S05V1U546	T & C	
B9.21	R1.11		11201-051-3	ES-MISN-V-481		S05V1U538	NRI	Scan per MRP-24
B-J	1RCS-016		2" ELBOW TO PIPE	ES-MISN-V-605		S05V1U547	T&C	recommendation.
B9.21	R1.11		11208-007-6	ES-MISN-V-404	334A	S05V1U605	NRI	NA
B-J	1RCS-058		3" PIPE TO BRANCH CONNECTION	ES-MISN-V-605		S05V1U610	T&C	
B13.10		FSAR 5.3.3.7	11201-V6-001-I02	ES-MISN-V-735		S05V1V095	SAT	NA
B-N-1			VESSEL CLOSURE HEAD INTERIOR (FSAR 5.3.3.7)					
B14.10			11201-V6-001-W184	ES-MISN-V-605		S05V1P014	RI	Rounded 0.1" IND,
B-0			CRD HOUSING WELD					Acceptable

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
B14.10 B-O			11201-V6-001-W188 CRD HOUSING WELD	ES-MISN-V-605		S05V1P015	NRI	NA
B16.20 B-Q		TS 5.5.9, FREQUEN	11201-B6-001-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES	VENDOR	806A-D, 807A,B			Performed by Westinghouse.
B16.20 B-Q		TS 5.5.9, FREQUEN	11201-B6-002-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES	VENDOR	806A-D, 807A,B			Performed by Westinghouse.
B16.20 B-Q		TS 5.5.9, FREQUEN	11201-B6-003-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES	VENDOR	806A-D, 807A,B			Performed by Westinghouse.
B16.20 B-Q		TS 5.5.9, FREQUEN	11201-B6-004-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES	VENDOR	806A-D, 807A,B			Performed by Westinghouse.
C1.10 C-A			11201-B6-002-W04 TRANSITION CONE TO LOWER CONE END STUB BARREL WELD	ES-MISN-V-411	409A	S05V1U596 S05V1U597 S05V1U598 S05V1U599	NRI NRI NRI NRI	NA
C1.10 C-A			11201-B6-003-W05 LOWER CONE END STUB BARREL TO LOWER SHELL BARREL"B	ES-MISN-V-411	409A	S05V1U552 S05V1U553 S05V1U554 S05V1U555	NRI NRI NRI NRI	NA
C1.20 C-A			11204-V6-001-W02 VESSEL HEAD TO VESSEL SHELL	ES-MISN-V-411	418A	S05V1U515 S05V1U516 S05V1U517 S05V1U518	NRI NRI NRI NRI	Limited exam 57%, RR-14

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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
C2.21			11201-B6-002-W19	ES-MISN-V-411	409A	S05V1M003	NRI	NA
C-B			16" MAIN FEEDWATER NOZZLE	ES-MISN-V-505		S05V1U600	NRI	
			TO SHELL WELD			S05V1U601	NRI	
						S05V1U602	NRI	
						S05V1U603	NRI	
C2.21			11205-E6-002-W04	ES-MISN-V-404	412A	S05V1P003	NRI	Limited exam, 41.5%.
C-B			14" INLET NOZZLE TO TUBE SIDE	ES-MISN-V-605		S05V1U502	NRI	RR- Required
•••			SHELL WELD			S05V1U503	NRI	
						003710300	TWI CI	
C2.21			11205-E6-002-W05	ES-MISN-V-404	412A	S05V1P004	NRI	Limited exam, 41.5%.
C-B			14" OUTLET NOZZLE TO TUBE	ES-MISN-V-605		S05V1U504	NRI	RR- Required
			SIDE SHELL WELD			S05V1U505	NRI	
C2.22			11201-B6-002-IR04	ES-MISN-V-416	409A	S05V1U604	NRI	NA
C-B			MAIN FEEDWATER NOZZLE INNER RADIUS					
C3.10			11204-V6-001-W05	ES-MISN-V-605		S05V1P011	NRI	Limited exam 64%,
C-C			VESSEL SUPPORT PAD WELDED ATTACHMENT					RR-14
C3.20			11204-012-35	ES-MISN-V-605		S05V1P002	NI	NA
C-C			SUPPORT H002					
C3.20			11204-041-50	ES-MISN-V-605		S05V1P012	NRI	NA
C-C			SUPPORT H027	20-111011-1-000		000011012		
0-0								
C3.20			11204-063-24	ES-MISN-V-605		S05V1P008	NRI	NA
C-C			SUPPORT H006					
C3.20			11205-003-55	ES-MISN-V-605		S05V1P005	NRI	NA
C-C			SUPPORT H012					
C2 20			11205 009 24	ES-MISN-V-605		S05V/1D001	NRI	N1A
C3.20 C-C			11205-008-34 SUPPORT H030	CO-1/1011-1-000		S05V1P001		NA
0-0								

### VEGP-1 TWELFTH 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
C3.20 C-C			11206-003-2 SUPPORT H001	ES-MISN-V-605		S05V1P006	NRI	NA
C3.20 C-C			11206-005-14 SUPPORT H004	ES-MISN-V-605		S05V1P007	NRI	NA
C3.20 C-C			11208-137-25 SUPPORT H006	ES-MISN-V-605		S05V1P009	NRI	NA
C3.20 C-C			11208-411-46 SUPPORT H031	ES-MISN-V-605		S05V1P010	NRI	NA
C3.20 C-C			11301-001-4 SUPPORT H003	ES-MISN-V-505		S05V1M004	NRI	NA
C4.30 C-D			11204-P6-003-B01 THRU B32 PUMP CASING STUDS	ES-MISN-V-422	415A	S05V1U519	NRI	NA
C5.11 C-F-1	R1.11 1RHR-011A		11205-007-17 8" TEE TO PIPE (AI 87-0131)	ES-MISN-V-481 ES-MISN-V-605	414A	S05V1U508 S05V1U509	NRI NRI	NA
C5.11 C-F-1	R1.11 1RHR-012A		11205-008-17 8" TEE TO PIPE	ES-MISN-V-481	414A	S05V1U506 S05V1U507	NRI NRI	NA
C5.21 C-F-1	R1.11 1SI-064		11204-063-28 4" VALVE TO PIPE	ES-MISN-V-481	303A	S05V1U513 S05V1U514	NRI NRI	Limited exam 50% RR- Required
C5.51 C-F-2	R1.11 1MS-007D	TS 5.5.16 (AUGMEN	11301-004-1 PENETRATION TO 28" PIPE (TS 5.5.16)	ES-MISN-V-480 ES-MISN-V-505	313A	S05V1U520	NRI	NA
C5.51 C-F-2	R1.11 1MS-007D	TS 5.5.16 (AUGMEN	11301-004-2 28" PIPE TO PIPE (TS 5.5.16)	ES-MISN-V-480 ES-MISN-V-505	313A	S05V1U521	NRI	NA

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### VEGP-1 TWELFTH 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	R1.11	TS 5.5.16 (AUGMEN	11301-004-3	ES-MISN-V-480	313A, 314A	S05V1U522	NRI	NA
C-F-2	1MS-007D		28" PIPE TO 29 1/2" PIPE (TS 5.5.16)	ES-MISN-V-505		S05V1U523	NRI	
C5.51	R1.11	TS 5.5.16 (AUGMEN	11301-004-5	ES-MISN-V-480	314A	S05V1U524	NRI	Limited exam 82%,
C-F-2	1MS-007D		29 1/2" PIPE TO VALVE (TS 5.5.16)	ES-MISN-V-505		S05V1U525	NRI	RR-16
C5.51	R1.13	TS 5.5.16 (AUGMEN	11305-058-7	ES-MISN-V-480	311A	S05V1U526	NRI	NA
C-F-2	1FW-014A		16" VALVE TO PIPE (TS 5.5.16)	ES-MISN-V-505				

### VEGP-1 TWELFTH MAINTENANCE / REFUELING OUTAGE CLASS 1 2 SUPPORT EXAMINATIONS

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	1	0	11201-B6-004-S01 STEAM GEN SUPP	ES-MISN-V-735	S05V1V125	SAT	NA
F-A	1	0	11201-B6-004-S02 STEAM GEN SUPP	ES-MISN-V-735	S05V1V126	SAT	NA
F-A	1	0	11201-B6-004-S03 STEAM GEN SUPP	ES-MISN-V-735	S05V1V127	SAT	NA
F-A	1	0	11201-B6-004-S04 STEAM GEN SUPP	ES-MISN-V-735	S05V1V128	SAT	NA
F-A	1	0	11201-B6-004-S11 LOWER LAT SUPP	ES-MISN-V-735	S05V1V122	SAT	NA
F-A	1	ο.	11201-B6-004-S12 LOWER LAT SUPP	ES-MISN-V-735	S05V1V123	SAT	NA
F-A	1	0	11201-B6-004-S13 LOWER LAT SUPP	ES-MISN-V-735	S05V1V124	SAT	NA
F-A	1	4	11201-030-H017 LIN RESTRAINT	ES-MISN-V-735	S05V1V162	SAT	NA
F-A	1	4	11201-030-H021 LIN RESTRAINT	ES-MISN-V-735	S05V1V163	SAT	NA
F-A	1	4	11201-030-H024 RIGID STRUT	ES-MISN-V-735	S05V1V165	SAT	NA
F-A	1	4	11201-030-H025 VAR SPRING	ES-MISN-V-735	S05V1V229	SAT	NA
F-A	1	6	11201-030-H026 MECH SNUBBER	ES-MISN-V-735	S05V1V108	SAT	NA
F-A	1	6	11201-030-H030 RIGID STRUT	ES-MISN-V-735	S05V1V164	SAT	NA
F-A	1	3	11201-048-H002 MECH SNUBBER	ES-MISN-V-735	S05V1V154	SAT	ΝΑ

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ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	1	12	11201-049-H002 MECH SNUBBER	ES-MISN-V-735	S05V1V150	SAT	NA
F-A	1	12	11201-049-H003 VAR SPRING	ES-MISN-V-735	S05V1V217	SAT	NA
F-A	1	12	11201-049-H010 MECH SNUBBER	ES-MISN-V-735	S05V1V149	SAT	NA
F-A	1	12	11201-049-H012 RIGID STRUT	ES-MISN-V-735	S05V1V197	SAT	NA
F-A	1	12	11201-049-H014 RIGID STRUT	ES-MISN-V-735	S05V1V200	SAT	NA
F-A	1	2	11201-051-H001 MECH SNUBBER	ES-MISN-V-735	S05V1V151	SAT	NA
F-A	1	2	11201-051-H005 LIN RESTRAINT	ES-MISN-V-735	S05V1V096	SAT	NA .
F-A	1	2	11201-051-H008 MECH SNUBBER	ES-MISN-V-735	S05V1V148	SAT	NA
F-A	1	16	11201-053-H006 MECH SNUBBER	ES-MISN-V-735	S05V1V147	SAT	NA
F-A	1	6	11204-023-H004 VAR SPRING	ES-MISN-V-735	S05V1V097	SAT	ΝΑ
F-A	1	2	11204-024-H032 RIGID STRUT	ES-MISN-V-735	S05V1V158	SAT	NA
F-A	1	2	11204-024-H033 RIGID STRUT	ES-MISN-V-735	S05V1V159	SAT	NA
F-A	1	2	11204-024-H034 RIGID STRUT	ES-MISN-V-735	S05V1V160	SAT	NA
F-A	1	6	11204-024-H037 RIGID STRUT	ES-MISN-V-735	S05V1V161	SAT	ΝΑ

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	1	2	11204-034-H001 LIN RESTRAINT	ES-MISN-V-735	S05V1V218	SAT	NA
F-A	1	2	11204-034-H002 MECH SNUBBER	ES-MISN-V-735	S05V1V145	SAT	NA
F-A	1	6	11204-045-H018 RIGID STRUT	ES-MISN-V-735	S05V1V109	SAT	NA
F-A	1	6	11204-045-H019 LIN RESTRAINT	ES-MISN-V-735	S05V1V110	SAT	NA
F-A	1	6	11204-045-H021 LIN RESTRAINT	ES-MISN-V-735	S05V1V111	SAT	NA
F-A	1	6	11204-045-H022 LIN RESTRAINT	ES-MISN-V-735	S05V1V113	SAT	NA
F-A	1	6	11204-045-H023 RIGID STRUT	ES-MISN-V-735	S05V1V114	SAT	NA
F-A	1	6	11204-045-H024 LIN RESTRAINT	ES-MISN-V-735	S05V1V115	SAT	NA
F-A	1	6	11204-045-H025 LIN RESTRAINT	ES-MISN-V-735	S05V1V116	SAT	NA
F-A	1	3	11208-001-H026 RIGID STRUT	ES-MISN-V-735	S05V1V157	SAT	NA
F-A	1	3	11208-001-H032 MECH SNUBBER	ES-MISN-V-735	S05V1V143	SAT	NA
F-A	1	1.5	11208-045-H014 LIN RACK 2-D	ES-MISN-V-735	S05V1V155	SAT	NA
F-A	1	1.5	11208-045-H017 LIN RACK 2-D	ES-MISN-V-735	S05V1V156	SAT	NA
F-A	1	1.5	11208-047-H006 MECH SNUBBER	ES-MISN-V-735	S05V1V142	SAT	NA

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ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS	
F-A	2	0	11201-B6-004-S06 HYDRAULIC SNUBBER	ES-MISN-V-735	S05V1V120	SAT	NA	
F-A	2	0	11201-B6-004-S08 HYDRAULIC SNUBBER	ES-MISN-V-735	S05V1V119	SAT	NA	
F-A	2	0	11201-B6-004-S10 UPPER SUPP FRAME	ES-MISN-V-735	S05V1V121	SAT	NA	
F-A	2	0	11204-P6-003-S01 PUMP SUPPORT	ES-MISN-V-735	S05V1V042	SAT	NA	
F-A	2	0	11208-P6-002-S01 SUPPORT BASE	ES-MISN-V-735	S05V1V138	SAT	NA	
F-A	2	24	11204-006-H604 VAR SPRING	ES-MISN-V-735	S05V1V245	SAT	NA	
F-A	2	8	11204-012-H027 LIN RACK 1-D	ES-MISN-V-735	S05V1V192	SAT	NA	
F-A C-C	2	6	11204-041-H021 ANCHOR	ES-MISN-V-735	S05V1V060	SAT	NA	
F-A	2	6	11204-041-H034 RIGID STRUT	ES-MISN-V-735	S05V1V061	SAT	NA	
F-A	2	6	11204-041-H040 LIN RACK 2-D	ES-MISN-V-735	S05V1V062	SAT	NA	
F-A	2	6	11204-041-H041 RIGID STRUT	ES-MISN-V-735	S05V1V198	SAT	NA	
F-A C-C	2	4	11204-063-H006 LIN RESTRAINT	ES-MISN-V-735	S05V1V051	SAT	NA	
F-A	2	12	11204-201-H006 RIGID STRUT	ES-MISN-V-735	S05V1V136	SAT	NA	

### VEGP-1 TWELFTH MAINTENANCE / REFUELING OUTAGE CLASS 1 2 SUPPORT EXAMINATIONS

ASME SECTION XI CATEGORY	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
F-A	2	14	11205-003-H004 VAR SPRING	ES-MISN-V-735	S05V1V196	SAT	NA
F-A	2	14	11205-003-H012	ES-MISN-V-735	S05V1V022	SAT	INF - 105V1001 Frozen
C-C			RIGID STRUT		S05V1V208	SAT	Bearing.
F-A	2	14	11205-003-H013 RIGID STRUT	ES-MISN-V-735	S05V1V104	SAT	NA
F-A	2	8	11205-007-H001 LIN RESTRAINT	ES-MISN-V-735	S05V1V105	SAT	NA
F-A	2	8	11205-007-H058 LIN RACK 2-D	ES-MISN-V-735	S05V1V202	SAT	NA
F-A C-C	2	8	11205-008-H030 LIN RACK 3-D	ES-MISN-V-735	S05V1V040	SAT	NA
F-A C-C	2	12	11206-002-H013T MECH SNUBBER	ES-MISN-V-735	S05V1V144	SAT	ΝΑ
F-A	2	12	11206-002-H027 MECH SNUBBER	ES-MISN-V-735	S05V1V064	SAT	NA
F-A C-C	2	8	11206-005-H004 RIGID STRUT	ES-MISN-V-735	S05V1V063	SAT	NA
F-A	2	8	11206-005-H009 MECH SNUBBER	ES-MISN-V-735	S05V1V199	SAT	NA
F-A	2	8	11206-005-H011 LIN RESTRAINT	ES-MISN-V-735	S05V1V201	SAT	NA
F-A	2	8	11206-005-H021 LIN RESTRAINT	ES-MISN-V-735	S05V1V141	SAT	NA

ASME SECTION	ISI CLASS	NPS (IN.)	SUPPORT NUMBER DESCRIPTION	EXAMINATION PROCEDURE(S)	EXAM SHEET	RESULTS	REMARKS
A	2	8	11206-005-H023 LIN RESTRAINT	ES-MISN-V-735	S05V1V035	SAT	NA
A C-C	2	8	11206-006-H002 LIN RESTRAINT	ES-MISN-V-735	S05V1V225	SAT	NA
A	2	8	11206-006-H004 LIN RESTRAINT	ES-MISN-V-735	S05V1V191	SAT	ΝΑ
A	2	8	11206-006-H010 LIN RESTRAINT	ES-MISN-V-735	S05V1V177	SAT	NA
A C-C	2	8	11206-007-H021 LIN RESTRAINT	ES-MISN-V-735	S05V1V226	SAT	NA
-A	2	10	11206-008-H082 VAR SPRING	ES-MISN-V-735	S05V1V231	SAT	NA
-A	2	3	11208-003-H054 LIN RESTRAINT	ES-MISN-V-735	S05V1V103	SAT	ΝΑ
-A	2	6	11208-139-H016 VAR SPRING	ES-MISN-V-735	S05V1V248	SAT	NA
-A	2	6	11208-141-H006 RIGID STRUT	ES-MISN-V-735	S05V1V140	SAT	NA
-A	2	4	11208-144-H001 LIN RACK 1-D	ES-MISN-V-735	S05V1V139	SAT	NA
-A C-C	2	29.5	11301-001-H003 RIGID STRUT	ES-MISN-V-735	S05V1V069	SAT	NA
-A	2	8	11301-015-H007 MECH SNUBBER	ES-MISN-V-735	S05V1V107	SAT	NA
-A	2	6	11302-109-H022 MECH SNUBBER	ES-MISN-V-735	S05V1V207	SAT	NA

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### VEGP-1 TWELFTH MAINTENANCE / REFUELING OUTAGE CLASS 1 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	11302-109-H025 MECH SNUBBER	ES-MISN-V-735	S05V1V206	SAT	NA	
F-A	2	16	11305-058-H003 MECH SNUBBER	ES-MISN-V-735	S05V1V205	SAT	NA	
F-A	2	16	11305-058-H006 MECH SNUBBER	ES-MISN-V-735	S05V1V204	SAT	NA	

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### SYSTEM PRESSURE TESTS

The following pressure tests on Class 1 and Class 2 components were included in the scope of the maintenance/refueling outage. These pressure tests included system functional tests, system hydrostatic tests, system inservice tests, and system leakage tests. It should be noted that the hydrostatic tests identified were performed to satisfy the "once per ten year" requirements described in ASME Section XI, Code Case N-498-1. These hydrostatic test packages are needed to document tests where the current inservice and functional tests do not fully meet the "once per 10-year" requirements of N-498-1. Boundaries for the pressure tests are described in the VEGP-1 Inservice Inspection Plan - Second 10-Year Interval document. Examination results are discussed in the applicable sections of this report document. The examination data for these pressure tests is available at the plant site for review upon request.

#### System Functional Test Schedule (FTs)

<u>FT</u>	Exam.	Test
Number	Cat.	Description
4	С-Н	Safety Injection Pump 1204-P6-003 Discharge Functional Test
5	C-H	Safety Injection Pump 1204-P6-004 Discharge Functional Test
8	C-H	Penetration 30 (SI to Cold Legs) Functional Test
10	С-Н	Safety Injection (SI) Pump Suction Functional Test
11	С-Н	Residual Heat Removal System (RHRS) to Chemical and Volume Control System (CVCS) Suction Functional Test
12	C-H	Containment Spray Train "A" Functional Test
13	C-H	Containment Spray Train "B" Functional Test
17	C-H	Line 1208-133 (HV-8104 to Valve 185 Flow Test) Functional Test

### System Hydrostatic Test Schedule (HTs)

HT Number	<u>Exam.</u> <u>Cat.</u>	Test Description
1	B-P C-H	Class 1 Hydrostatic Test (Partially performed)
3	C-H	SI, Normal Charging & CS Pump Suction Hydrostatic Test (Partially performed)
4	C-H	SI Pump Discharge Hydrostatic Test
17	С-Н	Reactor Presure Vessel Head Vent Pipe Hydrostatic Test
95	С-Н	SI Miniflow Hydrostatic Test

#### System Inservice Test Schedule (ITs)

<u>IT</u>	Exam.	Test
Number	<u>Cat.</u>	Description
1	C-H	Charging Line Inside Containment Inservice Test
2	C-H	Letdown Line Inside Containment Inservice Test
3	C-H	Reactor Coolant (RC) Pumps 1, 2, 3, and 4 Seal Leakoff Inside Containment Inservice Test
4	С-Н	RC Pump 1 Seal Injection from Penetration 54 to Valve 006 Inservice Test
5	C-H	RC Pump 2 Seal Injection from Penetration 53 to Valve 359 Inservice Test
6	С-Н	RC Pump 3 Seal Injection from Penetration 52 to Valve 360 Inservice Test
7	C-H	RC Pump 4 Seal Injection from Penetration 51 to Valve 361 Inservice Test
8	C-H	Reactor Coolant System (RCS) Hot Leg Sample Lines to Penetration 24 Inservice Test
9	С-Н	Sample Line from Valve 101 to Valve HV-3514 Inservice Test
10	C-H	CVCS Inservice Test with Normal Charging Pump Operating (Outside Containment)

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<u>IT</u>	Exam.	Test
Number	Cat.	Description
10	C-H	CVCS Inservice Test with Normal Charging Pump Operating (Outside Containment)
11	С-Н	Centrifugal Charging Pump 1208-P6-002 (Train "A") Discharge Inservice Test
12	C-H	Centrifugal Charging Pump 1208-P6-003 (Train "B") Discharge Inservice Test
14	C-H	Accumulator Tank Loop 1 (1204-V6-002) Inservice Test
15	C-H	Accumulator Tank Loop 2 (1204-V6-003) Inservice Test
16	C-H	Accumulator Tank Loop 3 (1204-V6-004) Inservice Test
17	C-H	Accumulator Tank Loop 4 (1204-V6-005) Inservice Test
18	C-H	Residual Heat Removal System Train "A" Inservice Test
19	C-H	Residual Heat Removal System Train "B" Inservice Test
23	C-H	Refueling Water Storage Tank (RWST) Inservice Test
24	C-H	Sample Line from Valve 097 to Valve HV-3508 Inservice Test
25	C-H	Penetration 24 Outside Containment Inservice Test (Post-Accident Sampling)
26	C-H	Nuclear Service Cooling Water (NSCW) Train "A" Inservice Test (Outside Containment)
30	С-Н	NSCW Train "B" Inservice Test (Outside Containment)
34	C-H	Containment Coolers 1501-A7-001 and 1501-A7-002 Inservice Test
35	C-H	Containment Coolers 1501-A7-003 and 1501-A7-004 Inservice Test
36	C-H	Containment Coolers 1501-A7-005 and 1501-A7-006 Inservice Test
37	C-H	Containment Coolers 1501-A7-007 and 1501-A7-008 Inservice Test
38	С-Н	Cooling Coils 1511-E7-001 and 1515-A7-001 Inservice Test
39	С-Н	Cooling Coils 1511-E7-002 and 1515-A7-002 Inservice Test
45	C-H	Steam Generator 1201-B6-001 Inservice Test
46	С-Н	Steam Generator 1201-B6-002 Inservice Test
47	С-Н	Steam Generator 1201-B6-003 Inservice Test
48	С-Н	Steam Generator 1201-B6-004 Inservice Test
49	С-Н	Penetration 7 Inservice Test (Outside Containment Steam Generator 1 Blowdown to Heat Exchanger)
50	C-H	Penetration 8 Inservice Test (Outside Containment Steam Generator 2 Blowdown to Heat Exchanger)
51	С-Н	Penetration 9 Inservice Test (Outside Containment Steam Generator 3 Blowdown to Heat Exchanger)
52	С-Н	Penetration 10 Inservice Test (Outside Containment Steam Generator 4 Blowdown to Heat Exchanger)
53	С-Н	Penetration 11B Inservice Test (Outside Containment Steam Generator 1 Blowdown to
		Sample)
54	С-Н	Penetration 11C Inservice Test (Outside Containment Steam Generator 2 Blowdown to Sample)
55	С-Н	Penetration 12B Inservice Test (Outside Containment Steam Generator 3 Blowdown to Sample)
56	С-Н	Penetration 12C Inservice Test (Outside Containment Steam Generator 4 Blowdown to Sample)
57	С-Н	Main Steam Loop 1 Inservice Test (Outside Containment)
58	С-Н	Main Steam Loop 2 Inservice Test (Outside Containment)
59	С-Н	Main Steam Loop 3 Inservice Test (Outside Containment)
60	С-Н	Main Steam Loop 4 Inservice Test (Outside Containment)
64	С-Н	Auxiliary Feedwater (AFW) Inservice Test With Pump 1302-P4-002 (Train "B")
		Operating
65	С-Н	AFW Inservice Test With Pump 1302-P4-003 (Train "A") Operating
71	С-Н	Main Feedwater Loop 1 Inservice Test (Outside Containment)
72	С-Н	Main Feedwater Loop 2 Inservice Test (Outside Containment)
73	С-Н	Main Feedwater Loop 2 Inservice Test (Outside Containment)

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<u>IT</u> Number	<u>Exam.</u> Cat.	Test Description	
74	C-H	Main Feedwater Loop 4 Inservice Test (Outside Containment)	
79	C-H	Excess Letdown Heat Exchanger Inservice Test	
80	С-Н	Residual Heat Removal System Cleanup Inservice Test	

### System Leakage Test Schedule (LT)

<u>LT</u>	Exam.	Test
Number	Cat.	Description
1	B-P	Class 1 System Leakage Test

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### **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 twelfth maintenance/refueling outage at VEGP-1 (referenced attachments are available at the VEGP plant site for review upon request):

INF No.	Affected Component/Area	INF Disposition
105¥1001	11205-003-H012	<ul> <li>During a VT examination of support No. 11205-003-H012, unacceptable conditions were reported. The spherical bearings were frozen at both ends of strut. (Ref. Report No. S05V1V022).</li> <li>Condition Report 2005101743 was initiated. Per RER 1040449701, the frozen bearings would not prevent the pipe support from performing its design function.</li> <li>Work Order 1051525901 corrected this condition by cleaning and lubricating the spherical bearings.</li> <li>No further action is required.</li> </ul>
105V1002 105V1003	NA 11208-005-CV110	<ul> <li>Not applicable to an ASME Class 1 or 2 examination.</li> <li>During a UT examination of component 11208-005-CV110, the 2" x 3" expander downstream of flow orifice FO-202 showed a significant amount of difference compared to FO-200 and 201. The minimum reading obtained was 0.386 on the 2" portion of the expander, which is above the nominal wall value for a 2" schedule 160 component (0.344"), Ref Report No. S05V1U563.</li> <li>Condition Report 2005102450 was written to address this condition. During the 2R10 refueling outage, RER 2003-VO561 was generated concerning wall thickness results for the Unit 2 similar component (21208-005-CV110). Based on the Unit 2 calculations, the 2" portion of the component has a min wall allowance of 0.227" and the 3" segment a 0.337". It was determined that the Unit 2 component with a thickness of 0.263" was acceptable based on a cavitation wear rate of 0.020" for continued service for one refueling cycle where re-examination and possible replacement is scheduled. Based on the fact that the Unit 1 component has a 0.386" value (on the 2" portion of the reducer) compared to the 0.263" for Unit 2, justification is warranted for at least one additional cycle. It is recommended to examine the component just downstream of the flow orifice (FO-202) during the next refueling cycle (1R13) for conservative consideration which will assist in refining the proper wear rate and may yield a longer service life.</li> </ul>

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-1 since the last maintenance/refueling outage (1R11) through the completion of the twelfth maintenance/refueling outage (1R12). Reports are identified by their respective traveler number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective traveler packages at the plant site. Only those NIS-2 reports applicable to VEGP-1 are included in this report document. Any attachments, e.g., code data reports, etc., referenced in the NIS-2 reports will be made available for review upon request at the plant site.

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

01086**	03032	03091	03109**	04141
01088**	03033**	03092	03110	04146
02088	03037	03093	03129	04151
03003**	03066**	03094	04122	04153
03010	03077**	03096	04124	04154
03013	03081	03097	04125	04156
03020	03083	03102	04129	04160
03021	03084	03103	04130	05058
03022	03085	03104	04131	05059
03023	03086	03105	04133	05060
03024	03087	03106	04139	05061
03025	03089	03108**	04140	

\*\* These travelers are certified on the same NIS-2 report:

01086 is certified with 03066, 01088 is certified with 03033, 03077 is certified with 03003, and 03108 is certified with 03109.

# ORIGINAL

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

				·				Traveler #	02088		
	1.	Owner	Southern Nuclear (	Operating Compan	ıy	Date		11/03/03	·		
L			40 Inverness Cent	Name er Parkway, Birmir	ngham, AL	Sheet	1	Of	1		
	2.	Plant	Vogtle Electric Ger	nerating Plant	<u> </u>	Unit _		11			
			Waynesboro, GA	30830		MWO #		10202102			
				Address		_	Repair O	rganization P.O. No., J	ob No., etc.		
	3.	Work Per	formed by <u>Nuclear</u>	<i>Operations Maint</i> Name	enance	<u> </u>		Plant Vogtle Address	<u> </u>		
	4.	Identifica	tion Of System	······································		1206 / Contair	nment Spray Sys	tem	<u></u> ,,		
	5.		able Construction ( able Edition of Sect			19 <u>74</u> Edition, <u>Su</u> r Replacements 19 <u>8</u>		Addenda, <u>N/A</u>	Code Case		
	6.	Identifica	tion Of Component	s Repairs Or Rep	lacement C	omponents	•				
		NAME OF IPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)		
	ENC	APSULA- I VESSEL	RICHMOND ENGINEERING CO., INC.	N2431.30	N/A	1-1206-V4-001	1981	REPLACEMENT	YES		
l	7. 8.	Descriptie Test Con	leakag		ted after the i	installation in accorda	erating Pressure		ER 50, Appendix J,		
	í	<u></u>			CERTIFIC	ATE OF COMPLIAN	CE		<u></u>		
			at the statements m		are correct	and this	REPLACEM		rms to the		
	}	of the ASM Code Symi	E Code, Section XI.		•		repair or replac	cement			
(		-	thorization No.	N		Expiration	<u> </u>	N/A			
67	Signe		A. Cor	s Designee, Title		Team Leader					
	└───── ┌─────							·····			
	CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co. of Connecticut</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>07/22/03</u> to $11-41-03$ , 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.										
	i Dai	ie //	- 4-03								

1/12/

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

						•	Traveler #	03003	
	1. Owner	Southern Nuclear	Operating Compa	iny	Date		November 14, 2003		
$\smile$		40 Inverness Cent	Name er Parkway, Birmi		Sheet	. 1	of	1	
	2. Plant	Vogtle Electric Ge			Unit		1		
		Waynesboro, GA		- <u>-</u>	MWO #		0203773 & PO#705722		
			Address			Repair Org	janization P.O. No., Jo	d No., etc.	
	3. Work Per	formed by <u>Nuclear</u>	Operations Main Name	tenance			ant Vogtle ddress		
	4. Identifica	tion Of System			1301 / Main	Steam System			
		able Construction C			1974 Edition, Replacements 1989		75 Addenda, <u>N/A</u>	Code Case	
		tion Of Components		•	• —				
ĺ	NAME OF	NAME .OF	MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED	
	COMPONENT Valve	MANUFACTURER Crosby Valve and Gauge Co.	NO. N62569-00-0024	NO. N/A	IDENTIFICATION 1PSV-3011	BUILT 1980	REPLACEMENT REPLACEMENT	(YES OR NO) YES	
ŀ									
	7. Description Of Work       Replace valve N62569-00-0041 with N62569-00-0024, valve spring and washers replaced on valve N62569-00-0024 originally installed during construction as 2PSV-3031 and is currently being used as a rotating spare.         8. Tests Conducted:       Hydrostatic       Pneumatic       Nominal Operating Pressure       N/A       °F         CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this rules of the ASME Code, Section XI.       replacement       conforms to the         Type Code Symbol Stamp       N/A       N/A       N/A								
	We certify rules of the A Type Code Sy	nducted: N/A ⊠ that the statements SME Code, Section 3	Hydrostatic Hydrostatic Other made in the report	Pneumatic Pressure _ CERTIFICA	Ion as 2PSV-3031 an Nominal Opera N/A PSI Test NTE OF COMPLIANCE and this	d <u>is currently i</u> ating Pressure t Temp. E <u>replacem</u> repair or repla	being used as a rotatil N/A °F	ng spare.	
1419 2	We certify rules of the A Type Code Sy	that the statements SME Code, Section 2 mbol Stamp Authorization No	Hydrostatic Hydrostatic Other made in the report	Pneumatic Pressure _ CERTIFICA	Ion as 2PSV-3031 an         Nominal Operation         N/A       PSI         TE OF COMPLIANCI         Ct and this         N/A         Expiration D	d <u>is currently i</u> ating Pressure t Temp. E <u>replacem</u> repair or repla	being used as a rotatil N/A °F ent confo cement N/A	ng spare.	
1419 2	We certify rules of the A Type Code Sy Certificate of A	that the statements SME Code, Section 2 mbol Stamp Authorization No	Hydrostatic Hydrostatic Other made in the report XI. Note that the report Note	Pneumatic Pressure _ CERTIFICA It are correct	Ion as 2PSV-3031 an         Nominal Operation         N/A       PSI         TE OF COMPLIANCI         Ct and this         N/A         Expiration D	t Is currently i ating Pressure t Temp E replacemu repair or repla A ate 7/ 2.0.0	being used as a rotatil N/A °F ent confo cement N/A	ng spare.	
Cr194- 111111-3	We certify rules of the As Type Code Sy Certificate of A Signed	that the statements SME Code, Section 2 mbol Stamp Authorization No Owner or Owner signed, holding a va <u>Georgia</u> and emp nave inspected the c	Hydrostatic Hydrostatic Other made in the report Made in the report N/ S Designee, Title CER tild commission is ployed by <u>Ha</u> components description	Pneumatic Pressure _ CERTIFICA It are correct /A TIFICATE O ssued by the priford Steal ribed in this	Ion as 2PSV-3031 an         Image: Nominal Operation         N/A       PSI         TE OF COMPLIANCI         Ct and this         Image: N/A         Expiration D         Image: N/A	d is currently i ating Pressure t Temp E replaceme repair or repla A ate 7/2.0.0 CTION Boiler and Pres and Insurance ing the period	being used as a rol N/A °F ent co cement N/A Sure Vessel Inspection Co of Connecticut Januar	nfo	

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

			•					Traveler #	03010	
	1.	Owner	Southern Nuclear	Operating Comp	anv	Date		November 18, 2003		
Ľ	••	0.110	40 Inverness Cen	Name ter Parkway, Birm			1	of	1	
	2.	Plant	Vogtle Electric Ge	Address enerating Plant		Unit		1		
				Plant						
			Waynesboro, GA	Address		MWO #	Repair Or	10300366 ganization P.O. No., Jo		
	-			- 0				-		
	3.	work Per	formed by <u>Nuclea</u>	Name	itenance			lant Vogtle .ddress		
	4.	Identifica	tion Of System			1205 / Residual H	leat Removal S	ystem		
	5.	(a) Applic (b)Applic	able Construction ( able Edition of Sect	Code <u>ASM</u> tion XI Utilized Fo	E Section III r Repairs O	1971 Edition, r Replacements 1989	Summer 1	972_Addenda,//A	Code Case	
	6.	Identifica	tion Of Component	s Repairs Or Repl	lacement C	omponents				
		NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)	
	F	RELIEF VALVE	CROSBY	N56904-00-0065	N/A	1PSV-8708B	1975	REPLACEMENT	YES	
		Description	700404	45 and received un Hydrostatic	n <u>der MIR# (</u> Pneumatio	0 <u>0910466.</u> c 🔲 Nominal Oper		_	ased under PO#	
$\cup$				- ·	CERTIFIC	ATE OF COMPLIANC	E			
			that the statements		ort are corre	ect and this	replacem repair or repla		ms to the	
	Тур	e Code Sy	mbol Stamp			N/	A			
	Cert	lificate of A	uthorization No.	/N		Expiration D	Date	N/A		
-118103	Sigr	ned	Owner or Owner	Tranlea 's Designee, Title	dan Dat	e <u></u>	2003			
"111,21	[			CER		OF INSERVICE INSPE	CTION			
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co of Connecticut</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>February 25, 2003</u> to <u><math>1/-1/-0.3</math></u> , 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									
	be			y personal injury	or prope	rty damage or a losions $GA 20.3$	ss of any kind	r the Inspector nor hi arising from or con Province and Endorse	nected with this	
	Da	te//-	Inspector's Signat			Nationa	in Duaru, State,			
							·			

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

As Required By The Provisions Of The ASME Code Section XI

						Traveler #	03013
		Onenetina Coma		Data		O-tobas 20, 2002	
•. Owner	Southern Nuclear	Name	pany	Date		October 30, 2003	
<u> </u>	40 Inverness Cen		ningham, A	L Sheet	1	of	1
2. Plant	Vogtle Electric G	Address enerating Plant		Unit		1	
<b>2</b> . ( 1011)		Plant					
	Waynesboro, GA	30830 Address		MWO #	Bannir Or	10203670 ganization P.O. No., Jo	h No. ato
		Address			Repair Of	ganization P.O. No., Jo	o no., etc.
3. Work Pe	formed by <u>Nuclea</u>		ntenance			lant Vogtle	
		Name			4	ddress	
4. Identifica	tion Of System			1201 / Reactor	r Coolant Syst	em	
	cable Construction able Edition of Sect		<u>E Section II</u> or Repairs C	1977 Edition, Or Replacements 1989		177_Addenda, <u>N-245</u>	9 <u>-1</u> Code C
6. Identifica	tion Of Component	s Repairs Or Rep	lacement C	omponents			
NAME	NAME	MANUFACTURER				REPAIRED,	ASME COD
OF COMPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR . REPLACEMENT	STAMPED (YES OR NO
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1201-030-H601	1987	REPLACEMENT	YES
	nducted:	Hydrostatic	Pneumati	c 🔲 Nominal Oper	ating Pressure		testing.
		_	Pneumati Pressure	c 🔲 Nominal Oper <u>N/A</u> PSI Tes	ating Pressure		<u>lesting.</u>
8. Tests Co	nducted:	Hydrostatic  Other  Conter  Co	Pneumati Pressure CERTIFIC	c  Nominal Oper N/A PSI Tes ATE OF COMPLIANC ect and this	ating Pressure t Temp E <u>replacem</u> repair or repla	• [] <u>N/A</u> •F <u>•nt</u> confo	<u>festing.</u> rms to the
8. Tests Co	nducted: N/A 🖾 that the statements SME Code, Section 3	Hydrostatic  Other  Conter  Co	Pneumati Pressure CERTIFIC	c  Nominal Oper N/A PSI Tes ATE OF COMPLIANC	ating Pressure t Temp E <u>replacem</u> repair or repla	• [] <u>N/A</u> •F <u>•nt</u> confo	
8. Tests Co We certify rules of the As Type Code Sy	nducted: N/A 🖾 that the statements SME Code, Section 3	Hydrostatic [] Other [] made in the repo XI.	Pneumati Pressure CERTIFIC	c  Nominal Oper N/A PSI Tes ATE OF COMPLIANC ect and this	ating Pressure t Temp E <i>replacem</i> repair or repla	• [] <u>N/A</u> •F <u>•nt</u> confo	
8. Tests Co We certify rules of the As Type Code Sy	that the statements SME Code, Section 2 mbol Stamp	Hydrostatic [] Other [] made in the repo XI.	Pneumati Pressure CERTIFIC ort are corre	C Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>N/A</u> Expiration D	ating Pressure t Temp E <i>replacem</i> repair or repla	ent confor	
8. Tests Co We certify rules of the AS Type Code Sy Certificate of A	that the statements SME Code, Section 2 mbol Stamp	Hydrostatic Other made in the repo XI. N S Designee, Title	Pneumati Pressure CERTIFIC ort are corre	c [] Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>N//</u> Expiration D e <u>/ 2 / 3 /</u>	ating Pressure t Temp E repair or repla A late / 2 0 3	ent confor	
8. Tests Co We certify rules of the AS Type Code Sy Certificate of A	that the statements SME Code, Section 2 mbol Stamp	Hydrostatic Other made in the repo XI. N S Designee, Title	Pneumati Pressure CERTIFIC ort are corre	C Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>N/A</u> Expiration D	ating Pressure t Temp E repair or repla A late / 2 0 3	ent confor	
8. Tests Co We certify rules of the As Type Code Sy Certificate of A Signed A I, the unders or Province of <u>Connecticut</u> to (1-3-0)	that the statements SME Code, Section 2 mbol Stamp Authorization No.  Owner or Owner signed, holding a va <u>Georgia</u> and emp have inspected the c 3, and state	Hydrostatic Other made in the repoxit. Magnetic states of the second states of the secon	Pneumati Pressure CERTIFIC ort are corre I/A Dat TIFICATE ( ssued by th artford Stee ribed in thi of my kno	c Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>N/A</u> Expiration D e <u>La</u> CF INSERVICE INSPE the National Board of B the Boiler Inspection a s Owner's Report dur wledge and belief, th	ating Pressure t Temp E repair or repla A Date // 2 Do CTION Soller and Pres and Insurance ing the period be Owner has		rms to the s and the Stat _ of <u>Hartford</u> 4, 2003 ns and tests
8. Tests Co We certify rules of the As Type Code Sy Certificate of A Signed A Signed A i, the unders or Province of <u>Connecticut</u> to <u>(J-3-0</u> taken correct By signing th	that the statements M/A that the statements SME Code, Section 2 mbol Stamp Authorization No. <u>June or Owner</u> signed, holding a va <u>Georgia</u> and emp have inspected the co 3, and state ve measures descri-	Hydrostatic Other other made in the report made in the report made in the report N S Designee, Title CER bloyed by <u>Ha</u> components description that to the best ribed in this Own her the Inspecto	Pneumati Pressure CERTIFIC ort are corre //A Dat Dat Dat Dat  CTIFICATE ( ssued by th artford Stea ribed in thi of my kno ners Repo yr nor his	c Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>Expiration D</u> e <u>Somer's Report dur</u> wledge and belief, th rt in accord ance with	ating Pressure t Temp E repair or repla A ate // 2 O3 CTION Boiler and Pres and Insurance ing the period the Owner has p h the requirer		rms to the s and the Stat 
8. Tests Co We certify rules of the AS Type Code Sy Certificate of <i>J</i> Signed <u>Signed</u> I, the unders or Province of <u>Connecticut</u> to <u>IJ-3-0</u> taken correcti By signing the examinations be liable in a	that the statements M/A that the statements SME Code, Section 2 mbol Stamp Authorization No. <u>Owner or Owner</u> signed, holding a va <u>Georgia</u> and emp have inspected the c 3, and state ve measures descu- nis certificate, neith and corrective mea	Hydrostatic Other other made in the repord made in the repo	Pneumati Pressure CERTIFIC ort are corre //A Dat TIFICATE ( ssued by th artford Stea ribed in thi of my kno ners Repo or nor his in this Ow	c Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>Expiration D</u> e <u>Somer's Report dur</u> wledge and belief, th rt in accordance with employer makes an mers Report. Further	ating Pressure t Temp E repair or repla A ate 2 0 3 CTION Boiler and Pres and Insurance ing the period be Owner has p h the requirer by warranty, e	sure Vessel Inspectors <u>Co of Connecticut</u> <u>March 14</u> performed examination nents of the ASME C	rms to the s and the Stat 
8. Tests Co We certify rules of the As Type Code Sy Certificate of J Signed	that the statements SME Code, Section 2 mbol Stamp Authorization No. <u>Georgia</u> and employee inspected the co <u>ave inspected the co</u> <u>ave measures description</u> is certificate, neither and corrective mean ny manner for any	Hydrostatic Other made in the report made in the report made in the report made in the report N S Designee, Title CER bloyed by <u>Ha</u> components described in this Own her the Inspector asures described y personal injury	Pneumati Pressure CERTIFIC ort are corre //A Dat TIFICATE of ssued by the artford Stea ribed in this of my kno ners Repo or nor his in this Ow or prope	c Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>N//</u> Expiration D e <u>Somer's Report dur</u> wledge and belief, th rt in accordance with employer makes an mers Report. Further rty damage or a los	ating Pressure t TempE E repair or repla A ate 2 03 CTION Boiler and Pres and Insurance ing the period be Owner has p h the requirer by warranty, e ermore, neither s of any kind		rms to the s and the Stat 
8. Tests Co We certify rules of the AS Type Code Sy Certificate of <i>J</i> Signed <u>Signed</u> I, the unders or Province of <u>Connecticut</u> to <u>IJ-3-0</u> taken correcti By signing the examinations be liable in a	that the statements M/A that the statements SME Code, Section 2 mbol Stamp Authorization No. <u>Owner or Owner</u> signed, holding a va <u>Georgia</u> and emp have inspected the c 3, and state ve measures descu- nis certificate, neith and corrective mea	Hydrostatic Other made in the report made in the report made in the report made in the report N S Designee, Title CER bloyed by <u>Ha</u> components described in this Own her the Inspector asures described y personal injury	Pneumati Pressure CERTIFIC ort are corre //A Dat TIFICATE ( ssued by th artford Stea ribed in thi of my kno ners Repo or nor his in this Ow	c Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>Expiration D</u> e <u>Sof INSERVICE INSPE</u> the National Board of B <u>Bom Boiler Inspection a</u> so Owner's Report dur wledge and belief, the rt in accordance with employer makes an mers Report. Further try damage or a los ONS <u>GA 203</u>	ating Pressure t Temp E repair or repla A ate 203 CTION Boiler and Pres and Insurance ing the period be Owner has p the requirer by warranty, e ermore, neithers of any kind		rms to the s and the Stat of <u>Hartford</u> 4, 2003 ns and tests a code, Section concerning s employer s nected with t
8. Tests Co We certify rules of the AS Type Code Sy Certificate of I Signed I, the unders or Province of <u>Connecticut</u> It to <u>II-3-C</u> taken correcti By signing the examinations be liable in a inspection.	that the statements SME Code, Section 2 mbol Stamp Authorization No. <u>Georgia</u> and employee inspected the co <u>ave inspected the co</u> <u>ave measures description</u> is certificate, neither and corrective mean ny manner for any	Hydrostatic Other made in the report made in the report made in the report made in the report N S Designee, Title CER bloyed by <u>Ha</u> components described in this Own her the Inspector asures described y personal injury	Pneumati Pressure CERTIFIC ort are corre //A Dat TIFICATE of ssued by the artford Stea ribed in this of my kno ners Repo or nor his in this Ow or prope	c Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this <u>Expiration D</u> e <u>Sof INSERVICE INSPE</u> the National Board of B <u>Bom Boiler Inspection a</u> so Owner's Report dur wledge and belief, the rt in accordance with employer makes an mers Report. Further try damage or a los ONS <u>GA 203</u>	ating Pressure t Temp E repair or repla A ate 203 CTION Boiler and Pres and Insurance ing the period be Owner has p the requirer by warranty, e ermore, neithers of any kind		rms to the s and the Stat of <u>Hartford</u> 4, 2003 ns and tests a code, Section concerning s employer s nected with t

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

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				ris nequited by	111011			Traveler #	03020
	1.	Owner	Southern Nuclear O	perating Company	/	Date		01/06/04	
-			40 Inverness Cente	Name r Parkway, Birming	gham, AL	Sheet	1	Of	3
$\bigcirc$	2.	Plant	Vogtle Electric Gen	erating Plant		Unit		1	
			Waynesboro, GA 3	0830		MWO #		10300891	
				Address			Repair Or	ganization P.O. No., Jo	ob No., etc.
	3.	Work Per	formed by <u>Nuclear</u>	Operations Mainte Name	nance			lant Vogte ddress	
	4.	<b>Identifica</b>	tion Of System			1208 / Chemical an			
	5.		able Construction C	ode ASME S	EC III 1			denda, N/A	Code Case
	•••		able Edition of Secti						
	6.	Identifica	tion Of Components	Repairs Or Repl	acement Co	omponents			
		NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
		PONENT	MANUFACTURER	NO.	NO.	<b>IDENTIFICATION</b>	BUILT	REPLACEMENT	(YES OR NO)
	1	/ALVE	COPES-VULCAN	8220-95439-1-7	2366	1HV-41326B	1983	REPLACEMENT	YES
		<u> </u>							
							L		
	7.	Descripti						dification under MDC	
				ment plug was pr ment plug is attach		trim assembly with s	serial number 03:	21-86986-1-2. A copy (	of Form N-2 for the
	8.	Test Cor		Hydrostatic	Pneumatio		arating Pressure		
			NAX	Other	Pressure		st Temp		
. 1				····	CERTIFIC	ATE OF COMPLIANC	E	<u></u>	
$\subseteq$		-	at the statements m	•	are correct	and this	REPLACEM		rms to the
	rules	of the ASk	AE Code, Section XI.				repair or replac	ement	
ant.	Туре	Code Sym	bol Stamp			/	V/A		
Traff	Certi	ficate of Au	thorization No.	N.	/A	Expiration	Date	N/A	
01	Signe		D. Cyzel - Owger or Owner'	A Deciones Title		Team Leader	Date	1/9/2000	7-
1									
				CER	TIFICATE C	OF INSERVICE INSPI	ECTION		
		undersign						sure vessel inspectors	
	inspe to		ne components	described	in thi	s Owner's R	leport durin		03/31/03
								of the ASME Co	
	By si	gning this	certificate, neither th	e Inspector nor	his employ	er makes any warra	nty, expressed o	or implied, concerning	the examinations
								Inspector nor his arising from or co	
	insp	ection.	00					•	
	Z	1113	<u>Englanas</u> Inspector's Signatur		Commi		203 Board, State, P	rovince and Endorser	pents
	Da		-12.04	-		11410114		termee and Endolger	

		NUCLEAR PART	LDERS' DATA REPORT S AND APPURTENANC	ES*	AL Sheet 20f3
	Asi	• •	isions of the ASME Code ed One Day's Production		Pg. 1 of
-1,	Manufactured and certified byS	PX Valves & Con	trols, 5620 West Re (name and address of NPT C	ad, McKean,	PA 16426
$\bigvee_{2}$	Manufactured for <u>Georgia</u>	Power Company,	C/O Southern Nucles	r Operating	<u>Co., Birmingham, AL</u>
3.	Location of installationVogt	<u>le Electric Gen</u>	erating Plant Wayi	iesboro, GA	·
4.	Type:	SA479 Tp410	(tensile strength)		
5.	ASME Code, Section III, Division 1:	1977 (edition)	Winter 1977 (addenda date)	2 (class)	N/A (Code Case no.)
6.	Fabricated in accordance with Cons	t. Spec. (Div. 2 only)	N/A Revision _	<u>N/A</u>	Date N/A
7.	Remarks: 2" 1500 Tr	im for valve As:	sembly Drawing E-26	3532 Rev. 4	
	CUSTOMER P	0 7057052	SPX Job 86	986	

N/A Min. design thickness (in.) \_ N/A N/A N/A \_ Dia. 1D (ft & in.) \_ 8. Nom. thickness (in.) \_ \_ Length overall (ft & in.). 9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

	Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(2) (3) (4) (5) (6) (7) (8) (9) (10) (11)	0321-86986-1-1 (0 0321-86986-1-2 (0 0321-86986-1-3 (0 * NC2170 Heat_treatment_ impact_propert	301) N/A 302) N/A 303) N/A to enhance	(26)         (27)         (28)         (29)         (30)         (31)         (31)         (31)         (31)         (31)         (32)         (33)         (34)         (35)         (36)         (37)	
(14) (15) (16) (17) (17)			(38)         (39)         (40)         (41)         (42)         (43)	
(20) . (21) . (22) . (23) .			(44)       (45)       (46)       (47)       (48)	
		·····	(49)(50)	

Temp. (when applicable)

\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 112/88)

This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

Reprint (7/91)

	Certificat	te Holder's Serial Nos. <u>1-1</u>	through1-3
	CERT#ICATION O	DF DESIGN	
Design specifications certified by	N/A (when applicable)	P.E. State	Reg. no
Design report* certified by	N/A (when applicable)		
	CERTIFICATE OF CO	OMPLIANCE	
		· · · ·	:
Ve certify that the statements made in		_	
onforms to the rules of construction of	t the ASME Code, Section III, Division	1.	
VPT Certificate of Authorization No	N-3053	Expires 10/5/	04
		Expires 10/5/	04
			04 amt
			04 cean ( red representative)
	X Valves & Controls	SignedKauthori	04 cent red representative)
		SignedKauthori	04 cront red representative)
Date 7-8-03 Name SP3	K Valves & Controls BUT Certificate Holder) CERTIFICATE OF IN	Signed D.J.K.	cent red representative)
Date 7-8-03 Name SPS	<u>K Valves &amp; Controls</u> <b>BIFT</b> Certificate Holder) CERTIFICATE OF IN mission issued by the National Board o	Signed <u>Boiler and Pressure Vessel Inspector</u>	cent red representative)
the undersigned, holding a valid comm Penna and employed	CERTIFICATE OF IN mission issued by the National Board o d byOneBeacon_Ameri	Signed <u>Boiler and Pressure Vessel Inspector</u>	cen ( red representative)  s and the State or Province of
the undersigned, holding a valid comm Penna and employed f Boston, MA have insp	K Valves & Controls MFT Certificate Holder) CERTIFICATE OF IN nission issued by the National Board o d byOneBeacon_Ameri pected these items described in this Da	Signed <u>R. 7. Kauthori</u> NSPECTION of Boiler and Pressure Vessel Inspector <u>ca Insurance Company</u> ata Report on <u>2-8-03</u>	s and the State or Province c
the undersigned, holding a valid comm <u>Penna</u> and employed <u>1 Boston, MA</u> have insp est of my knowledge and belief, the Co	K Valves & Controls MFT Certificate Holder) CERTIFICATE OF IN mission issued by the National Board o d by <u>OneBeacon Ameri</u> pected these items described in this Da ertificate Holder has fabricated these p	Signed <u>Boiler and Pressure Vessel Inspector</u> SPECTION Set Boiler and Pressure Vessel Inspector <u>Ca Insurance Company</u> ata Report on <u>2-8-03</u> parts or appurtenances in accordance	s and the State or Province c
the undersigned, holding a valid comm <u>Penna</u> and employed <u>Manual Manual</u> and employed <u>Manual Manual</u> have insp est of my knowledge and belief, the Co I, Division 1. Each part listed has been	K Valves & Controls MPT Certificate Holder) CERTIFICATE OF IN mission issued by the National Board o d byOneBeacon_Americ pected these items described in this Da ertificate Holder has fabricated these p authorized for stamping on the date at	Signed $32 - 32 - 32$ NSPECTION of Boiler and Pressure Vessel Inspector Ca Insurance Company ata Report on $2 - 8 - 0.3$ parts or appurtenances in accordance hown above.	s and the State or Province of
the undersigned, holding a valid comm <u>Penna</u> and employer ( <u>Boston</u> , <u>MA</u> have insp est of my knowledge and belief, the Co I, Division 1. Each part listed has been y signing this certificate, neither the in	K Valves & Controls MPT Certificate Holder) CERTIFICATE OF IN mission issued by the National Board o d by <u>OneBeacon Ameri</u> pected these items described in this Da ertificate Holder has fabricated these p authorized for stamping on the date sh ispector nor his employer makes any w	Signed J.	and the State or Province of
, the undersigned, holding a valid comm <u>Penna</u> and employer of <u>Boston</u> , <u>MA</u> have insp sest of my knowledge and belief, the Ci II, Division 1. Each part listed has been by signing this certificate, neither the in this Data Report. Furthermore, neither	K Valves & Controls MPT Certificate Holder) CERTIFICATE OF IN mission issued by the National Board o d by <u>OneBeacon Ameri</u> pected these items described in this Da ertificate Holder has fabricated these p authorized for stamping on the date sh ispector nor his employer makes any w ir the inspector nor his employer shall b	Signed J.	and the State or Province of
NPT Certificate of Authorization No Date	K Valves & Controls MPT Certificate Holder) CERTIFICATE OF IN mission issued by the National Board of d by <u>OneBeacon Americ</u> pected these items described in this Da ertificate Holder has fabricated these p authorized for stamping on the date sh hispector nor his employer makes any w or the inspector nor his employer shall b ed with this inspection.	Signed J.	and the State or Province of and the State or Province of the state that to the with the ASME Code, Section ning the equipment described

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



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							Traveler #	03021
1.	Owner	Southern Nuclear C	perating Company	/	Date		01/05/04	
		40 Inverness Cente	Name		Sheet	I	0f	3
2.	Plant	Vogtle Electric Gen	erating Plant	<u> </u>	Unit		1	
		Waynesboro, GA 3	30830		MWO #		10300890	
			Address			Repair Or	ganization P.O. No., Jo	ob No., etc.
3.	Work Per	formed by <u>Nuclear</u>	Operations Mainte	nance			lant Vogtle Idress	
4.	Identifica	tion Of System	Traine.		1208 / Chemical and			
5.		able Construction C able Edition of Sect			9 <u>77</u> Edition, <u>Wil</u> r Replacements 19 <u>89</u>		denda, <u>N/A</u>	Code Case
6.	Identifica	tion Of Components	s Repairs Or Repl	lacement C	omponents			
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	VALVE	COPES-VULCAN	8220-95439-1-5	2360	1HV-41326A	1984	REPLACEMENT	YES
	Descripti	on Of Work Valve	nlug was replace	d duing in	stallation of a quick	disconnect mo	dification under MDC	02-V1M027
rules Type	Test Con Ve certify th s of the ASM e Code Sym ificate of Au	replace replace N/A X at the statements m IE Code, Section XI. bol Stamp Morization No	Imment plug was priment plug is attack       Hydrostatic       Other       Other	Pneumati Pressure CERTIFIC are correct	trim assembly with s c Nominal Ope N/A PSI Tes ATE OF COMPLIANC t and this	rating Pressure st Temp.	N/A •F	of Form N-2 for
8. v rules Type	Test Con Ve certify th s of the ASM e Code Sym ificate of Au	replace replace N/A X at the statements m IE Code, Section XI. bol Stamp Morization No	Imment plug was priment plug is attach         Hydrostatic         Other         Other         Nade in the report         Nade in the report         Solution         Nade         Solution         Nade         The solution         Nade         Solution         The solution         Solution         The solution         Solution	Pneumati Pneumati Pressure CERTIFIC are correct	trim assembly with s c Nominal Ope N/A PSI Tes ATE OF COMPLIANC t and this ATE Expiration D	rating Pressure st Temp E <u>REPLACEMI</u> repair or replac //A Date	21-86986-3-1, A copy of N/A •F ENT confo ement N/A	of Form N-2 for

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	As	s Required by the Provision Not to Exceed O			Pg. 1 of
Manufa	actured and certified by	SPX Valves & Contro	ols, 5620 We	st Road, McKe	an, PA 16426
Manufa	actured for Georg			Nuclear Opera	ting Co., Birmingham, A
Locatio	n of installationVog	tle Electric General	··· • • •	· ·	Α
		kd sa479 to 304	92.5 ksi	N/A	
	Code, Section III, Division		Winter 1977	2 [class]	N/A (Code Casemo.)
Fabrica	ited in accordance with Co	•			Date <u>N/A</u>
Remark	3 <sup>11</sup> Trim A	ssembly for a 3" 150	•		-
	Customer	PO 7057052	SPX O	rder 86986	
<u></u>			<u> </u>		;
Nom. ti	hickness (in.) <u>N/A</u>	Min. design thickness (in.) <u>N</u>	A Dia. ID (ft a	& in.1 <u>N/A</u> Len	gth overall (ft & in.) N/A
When a	pplicable, Certificate Holde	ers' Data Reports are attached fo	or each item of this		· · · · · · · · · · · · · · · · · · ·
				·	
	Part or Appurtenance	National	1 1	or Appurtenance	National
1	Serial Number	Board No.	S S	erial Number	Board No.
1	• .	in Numerical Order			in Numerical Order
L	<u>0321-86986-3-1 ((</u>	301) N/A			1
- (I) _	0321-86986-3-2 ((	(302) N/A	<u> </u>		· · · · · · · · · · · · · · · · · · ·
(2)	0321-86986-3-3 (0		(27)		
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(8) (9) (10) (11) (12) (13) (13) (14) (15) (15) (16) (17) (18) (18) (20) (22) (22) (24)			(36)         (37)         (38)         (39)         (40)         (41)         (42)         (43)         (44)         (44)         (45)         (46)         (47)         (48)		

• Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form. (12/88) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

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Reprint (7/91)

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		_	0321-869		<b>1</b> 1
	Certificat	e Holder's Serial Nos.		through	<u>J-J</u>
	CERTIFICATION O	F DESIGN .	·		
Design specifications certified by	N/A (when applicable)		P.E. State	Reg. no	
Design report* certified by	N/A{(when applicable)	<u> </u>	P.E. State	Reg. no	
	CERTIFICATE OF C	OMPLIANCE	· · · · · · · · · · · · · · · · · · ·		
·			· · ·		
We certify that the statements made in this is conforms to the rules of construction of the	-		<u>2</u> S		
contorms to the fulles of construction of the	ASME Code, Section III, Division	•••••••••••••••••••••••••••••••••••••••	· · ····		
NPT Certificate of Authorization No.	N-3053	Expires	10/5/04		· -
( 2 ( . A 7 ) OTT 1			anile	$f \rightarrow f$	
Date <u>6-26-03</u> Name <u>SPX 1</u>	VALVES & CONTROLS	Signed	(	- d representative)	<u>````</u>
				0	
	CERTIFICATE OF IN	SPECTION			
			· . ·	·	
, the undersigned, holding a valid commission	on issued by the National Board o	of Boiler and Pressure	Vessel Inspectors	and the State or	Province of
Penna and employed by .	OneBeacon America	Insurance Con			·
	ed these items described in this D			· · · · ·	that to the
best of my knowledge and belief, the Certific II, Division 1. Each part listed has been auth			s in accoroance v	WILL THE ASME CO	de, Section
By signing this certificate, neither the inspec			, or implied, concern	ning the equipmen	t described
n this Data Report. Furthermore, neither the			-		
oss of any kind arising from or connected w	ith this inspection.			· · · · · · · · ·	
Date 6-26-03 Signed	3	<b>-</b>	Qu na-		
Date Signed	(Authorized Inspector)	Commission		orsements) and state or	prov. and no.]
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### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS



							Traveler #	03022
	1. Owner	Southern Nuclear C	perating Company	Y	Date		01/05/04	
		40 Inverness Cente		gham, AL	Sheet	1	Of	3
$\bigcirc$	2. Plant	Vogtle Electric Gen	erating Plant		Unit		1	
		Waynesboro, GA 🗧	30830		MWO #		10300893	
		f	Address		_	Repair Org	anization P.O. No., Jo	ob No., etc.
	3. Work Per	formed by <u>Nuclear</u>		enance	·		ant Vogtle dress	<u>.</u>
	4	No	Name		1000 (Chamical and			
		tion Of System			1208 / Chemical and			
	(b)Applic		ion XI Utilized Fo	r Repairs O	Replacements 1989		enda, <u>N/A</u>	_ Code Case
		ition Of Component		_	omponents			
	NAME	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	VALVE	MANUFACTURER COPES-VULCAN	NO. 8220-95439-2-5	<u>NO.</u> 2369	IDENTIFICATION 1HV-41326D	BUILT 1983	REPLACEMENT	(YES OR NO) YES
	8. Test Cor	nducted: N/A X	Hydrostatic	Pneumatic Pressure	· ·	rating Pressure[ st Temp		
1			<u> </u>	CERTIFIC	ATE OF COMPLIANC	E		
								••••
	We certify th	hat the statements m	hade in the report	are correct	and this	REPLACEME	NT confo	rms to the
$\cup$	•	iat the statements m AE Code, Section XI	•	are correct		REPLACEME repair or replace	the second s	rms to the
Ú.	•	IE Code, Section XI	•	are correct	<u>.                                     </u>		the second s	rms to the
	rules of the ASN	IE Code, Section XI		are correct	<u>.                                     </u>	repair or replace	the second s	rms to the
250	rules of the ASM Type Code Sym	AE Code, Section XI abol Stamp nthorization No.		in Car	N	repair or replace	ment	
250	rules of the ASM Type Code Sym Certificate of Au	AE Code, Section XI abol Stamp nthorization No.	s Designee, Title	in Las	N	repair or replace //A Date Date	M/A	
D's of	rules of the ASM Type Code Sym Certificate of Au Signed	AE Code, Section XI abol Stamp athorization No.	s Designee, Title		Expiration D	Date CTION	M/A	7-
250	rules of the ASM Type Code Sym Certificate of Au Signed	AE Code, Section XI abol Stamp athorization No.  Owner or Owner  ned, holding a valid <u>Georgia</u> and e	s Deşiğnee, Title CER commission iss mployed by <u>Hart</u>	TIFICATE C ued by the ford Steam B	Expiration D Jeam Leader OF INSERVICE INSPE national Board of be beier Inspection and In-	CTION Solar and Pressi Surance Co. of C	N/A N/A N/A N/A strevessel inspector: <u>onnecticut</u> of <u>Hartford</u>	and the State
) 13/04 15/04	rules of the ASM Type Code Sym Certificate of Au Signed	AE Code, Section XI abol Stamp athorization No. Dwne or Owner bound of the components be components and state the	s Designee, Title CER commission iss mployed by <u>Hanti</u> described at to the best of i	TIFICATE C ued by the ord Steam B in this my knowled	Expiration D Expiration D Jeam Leader OF INSERVICE INSPE national Board of be toder Inspection and In- s Owner's Re lige and belief, the Ow	VA Date Date CTION oller and Pressu surance Co. of C eport during wher has perform	N/A N/A N/A N/A strevessel inspector: <u>onnecticut</u> of <u>Hartford</u>	and the State <u>Connecticut</u> ha 04/01/03 d taken correct
) at a s	rules of the ASM Type Code Sym Certificate of Au Signed	AE Code, Section XI bol Stamp thorization No. <i>Constant</i> Dwnerfor Owner be components components and state the cribed in this of	s Designee, Title s Designee, Title CER commission iss mployed by <u>Hartt</u> described at to the best of r Dwners Report	TIFICATE C ued by the ord Steam B in this my knowled in accor	Expiration D Expiration D Eam Leader  DF INSERVICE INSPE national Board of be loter Inspection and In s Owner's Re loge and belief, the Ow dance with the	Date Date Date CCTION Oller and Pressi <u>surance Co. of C</u> eport during wher has perfor requirements	Intervessel inspectors onnecticut of <u>Hartford</u> the period_ ned examinations an of the ASME Co	and the State <u>Connecticut</u> ha <u>04/01/03</u> d taken correct de, Section
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A A A	rules of the ASM Type Code Sym Certificate of Au Signed I, the undersign Province of	AE Code, Section XI abol Stamp athorization No.	N s Designee, Title cernission iss mployed by <u>Hartt</u> described at to the best of i Dwners Report he Inspector nor ibed in this Opersonal injury	TIFICATE C ued by the ord Steam B in this my knowled in accor his employ. wners Rej or proper	Expiration D Expiration D Expira	Date Date Date Date CCTION COLOR AND Press Surance Co. of C eport during wher has perform requirements hty, expressed o , neither the ss of any kind	Intervessel inspectors onnecticut of Hartford the period_ med examinations an of the ASME Co r Implied, concerning Inspector nor his	and the State <u>Connecticut</u> ha <u>04/01/03</u> d taken correcti de, Section the examinatio employer sh nnected with th
A A A A A A A A A A A A A A A A A A A	rules of the ASM Type Code Sym Certificate of Au Signed I, the undersign Province of	AE Code, Section XI bol Stamp thorization No. Dwnerfor Owner be components and state the cribed in this of certificate, neither to measures descri- by manner for any	N s Designee, Title cernission iss mployed by <u>Hartt</u> described at to the best of i Dwners Report he Inspector nor ibed in this Opersonal injury	TIFICATE C ued by the ord Steam B in this my knowled in accor his employ. wners Rej or proper	Expiration D Expiration D Expira	Date Date Date Date CCTION COLOR AND Press Surance Co. of C eport during wher has perform requirements hty, expressed o , neither the ss of any kind	<i>N/A</i> <i>N/A</i> <i>I/6/203</i> <i>are vessel inspectors</i> <i>onnecicut</i> of <i>Hartford</i> <i>the period</i> <i>the period</i> <i>the period</i> <i>the AsME Co</i> <i>r Implied, concerning</i> <i>Inspector nor his</i> <i>arising from or co</i>	and the State <u>Connecticut</u> ha <u>04/01/03</u> d taken correcti de, Section the examinatio employer sh nnected with th

•.	FORM N-2 CERTIFICATE HOLDERS' DATA REPORT F NUCLEAR PARTS AND APPURTENANCE As Required by the Provisions of the ASME Code,	S*	CAL Traveler# 03022 Sheet 2of 3
_	Not to Exceed One Day's Production		Pg. 1 of
-	1. Manufactured and certified by <u>SPX Valves &amp; Controls, 5620 West Roa</u>	d, McKean	PA 16426
	. Manufactured for <u>Georgia Power Company</u> , c/o Southern Nuclear Iname and address of Purchaser	<u>Operating</u>	<u>z Co., Birmingham, A</u> L
	3. Location of installation Vogtle_Electric_Generating_Plant. Wayne	sboro, GA	
	4. Type: L-139924 Rev. 7 SA479 Tp410 *		
	5. ASME Code, Section III, Division 1: 1977 Winter 1977 (edition) (addenda date)	2 (class)	N/A (Code Case no.)
	6. Fabricated in accordance with Const. Spec. (Div. 2 only)N/A Revision	N/A	DateN/A
	7. Remarks: 2" 1500 Trim for valve Assembly Drawing E-263	532 Rev. 4	· · · · · · · · · · · · · · · · · · ·
	CUSTOMER PO 7057052 SPX Job 869	86	

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

Part or Appurtenance Serial Number	e National Board No.	Part or Appurtenance Serial Number	National Board No.
	in Numerical Order		in Numerical Order
0321-86986-1-	<u>1 (0301) N/A</u>	(26)	
(2) 0321-86986-1-		(27)	
(3) 0321-86986-1-	<u>-3 (0303) N/A</u>	(28)	
(4)		(29)	
/ (5)		(30)	
(6)		(31)	
(7)		(32)	·····
(8)		(33)	
(9)	·	(34)	
(10) <u>* NC2170</u>		(35)	
	ent to enhance	(36)	· · · · · · · · · · · · · · · · · · ·
(12)impact_prop	perties	(37)	
(13)		(38)	<u> </u>
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	•
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	
L	[		

\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form. (12/88)

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This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

<u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> of <u>Boston</u> , <u>MA</u> have inspected these items described in this Data Report on <u>7-8-03</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	Design specifications certified by	<u> </u>	CERTICICATION OF	DESIGN	
Iwhen applicable!         Design report* certified by         Iwhen applicable!         CERTIFICATE OF COMPLIANCE         We certify that the statements made in this report are correct and that this (these)         PIIIgs         conforms to the rules of construction of the ASME Code, Section III, Division 1.         NPT Certificate of Authorization No.         N=3053         Expires         10/5/04         Date         7-8-03         Name_SPX_Valves & Controls         BWT Certificate totaker         Signed         Mathematiced members/and the State or Province of Penna         and employed by         OneBeacon         America Inspected these items described in this Data Report on         10/5/04         Itsubhorized members/and the ASME Code, Section III, Division 1.         Norther and the state or Province of Penna         and employed by       OneBeacon America Insutrance Company         of Boston, MA       have inspected these items described in this Data Report on         10, Division 1. Each part listed has been authorized for stamping on the date shown above.         By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be li	Inten applicable!         Design report* certified by         Inten applicable!         CERTIFICATE OF COMPLIANCE         We certify that the statements made in this report are correct and that this (these)         PIIIgs         conforms to the rules of construction of the ASME Code, Section III, Division 1.         NPT Certificate of Authorization No.         N=3053         Expires         10/5/04         Date         7-8-03         Name_SPX_Valves & Controls         BWT Certificate totaker!         Signed         Mathematiced members/performance         CERTIFICATE OF INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Penna         and employed by       OneBeacon America Insurance Company         of       BOSton, MA         have inspected these items described in this Data Report on 2-8-03         mits Data Report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or oss of any kind arising from or connected with this inspection.         Data 7-8-03       Sinned		CERTIFICATION OF	DESIGN	
Undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Perma and employed by OneBeacon America Insurance Company, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or apportent or my stranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shell be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	Lynhan applicable!         CERTIFICATE OF COMPLIANCE         We certify that the statements made in this report are correct and that this (these)Plips	Design specifications certified by		P.E. State	Reg. no
We certify that the statements made in this report are correct and that this (these)       P1105         conforms to the rules of construction of the ASME Code, Section III, Division 1.       NPT Certificate of Authorization No.       N=3053         Date       7-8-03       Name_SPX_Valves & Controls       Signed       Mathematication No.         Over Certificate of Authorization No.       N=3053       Expires       10/5/04         Date       7-8-03       Name_SPX_Valves & Controls       Signed       Mathematication No.         Ver Certificate Hodder1       Signed       Mathematication No.       Nemover Section No.         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Penna and employed by       OneBeacon America Instrance Company.         of       Boston, MA have inspected these items described in this Data Report on 2-8-03       and state that to the best of my knowledge and belief, the Certificate Hodder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.         By signing this certificate, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.         Date       7-8-93       Signed         Date       7-8-93       Signed	We certify that the statements made in this report are correct and that this (these)       Plugs	Design report* certified by		P.E. State	
conforms to the rules of construction of the ASME Code, Section III, Division 1.          NPT Certificate of Authorization No.       N=3053       Expires       10/5/04         Date       7-8-03       Name       SPX_Valves & Controls       Signed       10/5/04         Date       7-8-03       Name       SPX_Valves & Controls       Signed       10/5/04         CERTIFICATE OF INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Penna         and employed by       OneBeacon America Insurance Company         of       Boston, MA       have inspected these items described in this Data Report on 7-8-03       and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.         By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.         Date       7-8-63       Signed       Made 14	conforms to the rules of construction of the ASME Code, Section III, Division 1.          NPT Certificate of Authorization No.       N=3053       Expires       10/5/04         Date       7-8-03       Name       SPX_Valves & Controls       Signed       7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4		CERTIFICATE OF CO	MPLIANCE	····
Date       7-8-03       Name       SPX Valves & Controls       Signed       D. Mark and the state of the state shown above. The state state shown above is the state shown above is the state of the state	Date <u>7-8-03</u> Name <u>SPX Valves &amp; Controls</u> Signed <u>Meri Certificate Hotder</u> Signed <u>Signed</u> <u>Meri Certificate Hotder</u> Signed <u>Signed</u> S	-	•		·
CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Date 7-8-03 Signed AMAMAAA Commissions Add Add Add Add Add Add Add Add Add Ad	CERTIFICATE OF INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. Date 7-8-3 Signed AMMAAAA Commissions Addate	NPT Certificate of Authorization No.	N-3053	Expires 10/.	5/04
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> of <u>Boston</u> , <u>MA</u> have inspected these items described in this Data Report on <u>7-8-03</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> of <u>Boston</u> , <u>MA</u> have inspected these items described in this Data Report on <u>7-8-03</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	Date 7-8-03 Name SPX V	Valves & Controls ONT Cartificate Holder)	Signed	orized more oritetive;
<u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> of <u>Boston</u> , <u>MA</u> have inspected these items described in this Data Report on <u>7-8-03</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	Penna and employed by OneBeacon America Insurance Company of Boston, MA have inspected these items described in this Data Report on <u>7-8-03</u> , and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.		CERTIFICATE OF INS	SPECTION	· .
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By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	Penna and employed b	sion issued by the National Board of yOneBeacon_Americ	Boiler and Pressure Vessel Inspec	
loss of any kind arising from or connected with this inspection.	loss of any kind arising from or connected with this inspection.	and employed b of Boston, have inspec best of my knowledge and belief, the Certi	sion issued by the National Board of yOneBeacon_Americ ted these items described in this Da ficate Holder has fabricated these p	Boiler and Pressure Vessel Inspec <u>A Insurance Company</u> ta Report on <u>2-8-03</u> arts or appurtenances in accordance	, and state that to the
Date 7-8-03 Signed ABuscand Commissions PAZR74	Date 7-8-03 Signed Alburgan Commissions 92274	<u>Penna</u> and employed b of <u>Boston</u> , <u>MA</u> have inspec best of my knowledge and belief, the Certi III, Division 1. Each part listed has been au	sion issued by the National Board of yOneBeacon_Americ ited these Items described in this Da lficate Holder has fabricated these p thorized for stamping on the date sh	Boiler and Pressure Vessel Inspected The Insurance Company ta Report on <u>7-8-03</u> arts or appurtenances in accordance own above.	, and state that to the ce with the ASME Code, Section
Date 7-8-3_ Signed	Date 7-8-3_ Signed Commissions Commissions	<u>Penna</u> and employed b of <u>Boston</u> , <u>MA</u> have inspec best of my knowledge and belief, the Certi III, Division 1. Each part listed has been au By signing this certificate, neither the inspe in this Data Report. Furthermore, neither th	sion issued by the National Board of yOneBeacon_Americ ted these items described in this Da ficate Holder has fabricated these p thorized for stamping on the date sh ector nor his employer makes any w the inspector nor his employer shall be	Boiler and Pressure Vessel Inspect a Insurance Company ta Report on <u>2-8-03</u> arts or appurtenances in accordance own above. arranty, expressed or implied, con	e with the ASME Code, Section
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### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required By The Provisions Of The ASME Code Section XI



				Na Neyuneu D	FINCTION					
								Traveler #	03023	
	1. C	Owner	Southern Nuclear C	perating Company Name	<u>y</u>	Date		01/05/04		
			40 Inverness Cente		gham, AL	Sheet	1	Of	3	
$\bigcirc$	2. F	Plant	Vogtle Electric Gen	erating Plant		Unit		1		
			Waynesboro, GA 30830			MWO #		10300892		
				Address			Repair Or	ganization P.O. No., J	ob No., etc.	
	3. 1	Nork Peri	formed by <u>Nuclear</u>	Operations Mainte Name	enance	<u> </u>		lant Vogtle Idress		
	4. 6	dentificat	lion Of System			1208 / Chemical 4	and Volume Control			
	5. (	(a) Applic	able Construction ( able Edition of Sect			19 <u>77</u> Edition,	Winter 1977 Ad	denda, <u>N/A</u>	Code Case	
					•	•	<u>309</u>			
r			tion Of Components							
	C	VME DF ONENT	OF MANUFACTURER	MANUFACTURER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED	
ŀ	_	LVE	COPES-VULCAN	8220-95439-3-3	2374	1HV-41326C	1983	REPLACEMENT	(YES OR NO YES	
	rules of	I the ASM	E Code, Section XI				repair or replac	ement		
$\langle  $	Type C	ode Symi	bol Stamp			<u></u>	N/A	·····		
м <sup>у</sup> н	Certific	ate of Au	thorization No.		/A	Expiratio	n Date	<u>N/A</u>		
102	Signed	W	Owner or gwner	s Designee, Title	· · · · · · · · ·	Team Leader	Date	1/6/200	$\checkmark$	
ſ	CERTIFICATE OF INSERVICE INSPECTION									
	l, the undersigned, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State Province of <u>Georgia</u> and employed by <u>Hartford Steam Bolier Inspection and Insurance Co. of Connecticut</u> of <u>Hartford, Connecticut</u> ha									
		-6-04	, and state th	described at to the best of ( Dwners Report	in thi my knowled in accor	dge and belief, the	Report during Owner has perfore requirements	g the period_ med examinations ar of the ASME Co	04/01/03 nd taken corrected ode, Section	
	and c	orrective le in any	measures descri y manner for any ?	bed in this C personal Injury	wners Re or proper	port. Furtherm rty damage or a	ore, neither the loss of any kind	or implied, concernin Inspector nor his arlsing from or co	s employer s	
			Inspector's Signatu			issions <u>GA</u> Nation		rovince and Endorse	ments	
	<b>D</b> -4-	· /_	6-04							
	Date									

	As	Required by the Provision	ND APPURTENANCES* ns of the ASME Code, Section III ne Day's Production	Pg. 1 of
. Ma	anufactured and certified by	JEN_VALVES_& CONCLU	DIS, 5620 West Road, McKea Insme and address of NPT Certificate Holder!	all, FA_10420
M	anufactured for Georg	ia Power Company, c/	o Southern Nuclear Operat	ting Co., Birmingham, A
			-	
. Lo	ocation of installationVog	tle Electric Generat	ting Plant, Waynesboro, GA	A
	T 909000 Days (M	+ VD C4/70 10- 20/		
Ту	ype: <u>L-263962 Rev.OM</u>	(mat'l. spec. no.)	YZ+J_KS1N/A (tensile strength) (CRN)	(year built)
	CUT Code Costies III Division 1	. 1977	Winter 1977 2	
AS	SME Code, Section III, Division 1	(edition)	(addenda date) (class)	N/A (Code Case no.)
Fa	spricated in accordance with Cor	nst. Spec. (Div. 2 only)	N/A Revision N/A	N/A
Re	emarks: 3" Trim As	ssembly for a 3" 150	O Valve Assembly Drawing	E-263533 Rev. 4
	Court a second	-	CDV Outers OCOOC	
		PO 7057052	SPX Order 86986	
	N/A	N/	A Dia. ID (ft & in.) N/A Leng	N/A
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	Part or Appurtenance	National	Part or Appurtenance	National
	Serial Number	Board No.	Serial Number	Board No.
	•	in Numerical Order		in Numerical Order
	<b>ا</b> ند			
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≯	(2) 0321-86986-3-2 ((	<u>1302) N/A</u>	(27)	
(	(3) 0321-86986-3-3 (0	303) N/A	(28)	
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Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ × 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.
 (12/88) This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

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Reprint (7/91)

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

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•Design specifications certified by		DESIGN	
; ;	N/A	P.E. State	Reg. no
Design report * certified by	(when applicable)	F.C. State	Neg. No
	N/A(when applicable)	P.E. State	Reg. no
	CERTIFICATE OF COM		······································
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NPT Certificate of Authorization No.	N-3053	Expires 10/5/0	4 .
	•	RAN	1
Date 6-26-03 Name SI	INPT Certificate Holder)	Signed Signed	norizel representative)
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	CERTIFICATE OF INSP	ECTION	· · · ·
I, the undersigned, holding a valid comr	nission issued by the National Board of B	Boiler and Pressure Vessel Inspec	tors and the State or Province of
Penna and employed	d by <u>OneBeacon America Ir</u>	nsurance Company	
	pected these items described in this Data		
	ertificate Holder has fabricated these par		ce with the ASME Code, Section
	authorized for stamping on the date show		• •
	nspector nor his employer makes any war		
	er the inspector nor his employer shall be i	liable in any manner for any perse	onal injury or property damage or
loss of any kind arising from or connect	ed with this inspection.	د	•••••••••••••••••••••••••••••••••••••••
Date 6-26-03 Signed	Dr. man		1-red
Date Signed	(Authorized Inspector)		endorsements) and state or prov. and no.]
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## FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required By The Provisions Of The ASME Code Section XI

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							Traveler #	03024			
	1. Owner	Southern Nuclear C	Southern Nuclear Operating Company Name 40 Inverness Center Parkway, Birmingham, AL		Date		01/05/04				
j i		40 Inverness Cente			Sheet	1	10	3			
	2. Plant	Vogtle Electric Gen	Vogtle Electric Generating Plant		Unit		1				
		Waynesboro, GA 3	30830		MWO #		10201376				
			Address		Repair Organization P.O. No., Job No., etc						
	3. Work Performed by <u>Nuclear Operations Maintenance</u>			nance	Plant Vogtle						
	Name Address										
	4. Identification Of System 1208 / Chemical and Volume Control System										
	<ol> <li>(a) Applicable Construction Code <u>ASME SEC III</u> 19<u>77</u> Edition, <u>Winter 1977</u> Addenda, <u>N/A</u> Code Case</li> <li>(b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 19<u>89</u></li> </ol>										
	6. Identifi	cation Of Components	s Repairs Or Repl	lacement Co	omponents						
Γ	NAME	NAME	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME COD STAMPED			
L	COMPONENT	MANUFACTURER	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR N			
	VALVE	COPES-VULCAN	8220-95439-2-7	2371	1HV-41326E	1983	REPLACEMENT	YES			
F											
	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the ASME Code, Section XI. rules of the ASME Code, Section XI.										
/ 					and this	REPLACEM		rms to th <del>e</del>			
Т	ules of the Ás ype Code Sy	SME Code, Section XI mbol Stamp			and this	REPLACEM		rms to th <del>e</del>			
Т	ules of the Ás ype Code Sy	SME Code, Section XI		are correct	and this	REPLACEM! repair or replac I/A	ement N/A				
т рС	ules of the Ás ype Code Sy	SME Code, Section XI mbol Stamp Authorization No.		are correct	and this	REPLACEM! repair or replac I/A	ement N/A	rms to the			
T C	ules of the As ype Code Sy sertificate of	SME Code, Section XI mbol Stamp Authorization No.		are correct	and this  Expiration [	REPLACEM repair or replac	ement N/A				
т рС	ules of the As ype Code Sy sertificate of	SME Code, Section XI mbol Stamp Authorization No.	N 's Designee, Title	are correct	and this  Expiration [	REPLACEMI repair or replac //A Date Date	ement N/A				
	ules of the Á: ype Code Sy iertificate of igned the undersi	SME Code, Section XI mbol Stamp Authorization No.	N s Designee, Title CER commission iss	are correct	and this Expiration D Team Leader F INSERVICE INSPE national Board of b	REPLACEM repair or replac //A Date Date ECTION coller and Press	N/A N/A	0 F			
	ules of the Á: ype Code Sy iertificate of igned the undersi rovince of _	SME Code, Section XI mbol Stamp Authorization No. Owper or Owner gned, holding a valid <u>Georgia</u> and e	s Designee, Title CER commission iss mployed by <u>Hart</u>	are correct	and this Expiration D Team Leader FINSERVICE INSPE national Board of b lover Inspection and In	REPLACEM repair or replac //A Date Date ECTION coller and Press	N/A	off s and the Sta			
	the undersi rrovince of uspected	SME Code, Section XI mbol Stamp Authorization No. Owper or Owner gned, holding a valid <u>Georgia</u> and e the components	N s Designee, Title CER commission iss mployed by <u>Hartt</u> described hat to the best of i	are correct //A TIFICATE C ued by the <i>ford Steam B</i> in this my knowled	and this Expiration D Team Leader F INSERVICE INSPE national Board of b lover inspection and in s Owner's R Ige and belief, the O	REPLACEMI repair or replac //A Date Date ECTION coller and Press isurance Co. of ( eport durin wher has perfor	wire vessel inspector <u>Connecticut</u> of <u>Hartforc</u> g the period_ med examinations ar	s and the Sta <u>Connecticut</u> 04/01/03 nd taken corre			
T C S I,P irto T B a	the undersi rovince of ispected underside	SME Code, Section XI mbol Stamp Authorization No. Owper or Owner gned, holding a valid Georgia and e the and state th	N 's Designee, Title CER commission iss mployed by <u>Hartf</u> described to the best of Dwners Report he inspector nor ibed in this O	are correct	and this Expiration I <u>Team Leader</u> OF INSERVICE INSPE national Board of b loter Inspection and In s Owner's R Ige and belief, the O dance with the er makes any warrar port. Furthermore	REPLACEMI repair or replac //A Date Date Date CTION coller and Press isurance Co. of ( eport durin wher has perfor requirements mty, expressed of e, neither the	wire vessel inspector <u>Connecticut</u> of <u>Hartford</u> g the period_ med examinations ar of the ASME Co primplied, concerning Inspector nor his	s and the Sta <u>6 Connecticut</u> 04/01/03 Id taken corre ode, Section g the examina s employer			
T C S I,P Iit R B I	the undersi rovince of ispected uspected ispect	SME Code, Section XI mbol Stamp Authorization No. <u>Owper or Owner</u> gned, holding a valid <u>Georgia</u> and e the components <u>H</u> , and state th escribed in this of is certificate, neither t ve measures descr any manner for any	N s Designee, Title CER commission iss mployed by <u>Hartf</u> described iat to the best of to Dwners Report he Inspector nor ibed in this O personal injury	are correct	and this Expiration D Team Leader FINSERVICE INSPE national Board of b loier Inspection and In s Owner's R Ige and belief, the O dance with the er makes any warrar port. Furthermore ty damage or a los ssions CA.2.2	REPLACEMI repair or replace //A Date Date Date CTION coller and Press isurance Co. of C eport durin wher has perfour requirements inty, expressed of e, neither the ss of any kinc	N/A N/A N/A N/A N/A Sure vessel inspector Connecticut of Hartforc g the period med examinations ar of the ASME Co or implied, concerning Inspector nor his I arising from or co	s and the Sta <u>Connecticut</u> 04/01/03 nd taken corre ode, Section g the examina s employer nunected with			
T C S I,Pitt T Baid	the undersi rovince of igned the undersi rovince of ispected be be is signing thing of in the undersi rovince of ispected be is signing thing the liable in a inspection.	SME Code, Section XI mbol Stamp Authorization No. Owper or Owner gned, holding a valid <u>Georgia</u> and e the components the comp	N s Designee, Title CER commission iss mployed by <u>Hartf</u> described iat to the best of to Dwners Report he Inspector nor ibed in this O personal injury	TIFICATE C ued by the ord Steam B in thi my knowled in accor his employ wmers Rej or proper	and this Expiration D Team Leader FINSERVICE INSPE national Board of b loier Inspection and In s Owner's R Ige and belief, the O dance with the er makes any warrar port. Furthermore ty damage or a los ssions CA.2.2	REPLACEMI repair or replac //A Date Date Date CTION coller and Press isurance Co. of ( eport durin wher has perfor requirements inty, expressed of e, neither the ss of any kinc	wire vessel inspector <u>Connecticut</u> of <u>Hartford</u> g the period_ med examinations ar of the ASME Co primplied, concerning Inspector nor his	s and the Sta <u>Connecticut</u> <u>04/01/03</u> nd taken corre ode, Section g the examina s employer nunected with			

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	FORM N-		LDERS' DATA REPORT S AND APPURTENANC		AL Sheet 20f3
_	As F	• •	sions of the ASME Code d One Day's Production		Pg. 1 of
1. 1	Manufactured and certified by <u>S</u>	PX Valves & Cont	trols, 5620 West Ro Iname and address of NPT Co	ad, McKean,	PA 16426
	Manufactured for <u>Georgia</u>		•		Co., Birmingham, AL
3. (	Location of installationVogt	<u>le Electric Gene</u>	erating Plant, Wayr (name and address)	esboro, GA_	
<b>4</b> . <sup>-</sup>	Type:	SA479 Tp410	tensile strength]	<u>N/A</u>	2003
5. /	ASME Code, Section III, Division 1:	1977 (edition)	Winter 1977	2 (class)	ICode Case no.)
6. 1	Fabricated in accordance with Cons	t. Spec. (Div. 2 only)	N/A Revision	N/A	_ DateN/A
7. 1	Remarks: 2" 1500 Tr	im for valve Ass	embly Drawing E-26	3532 Rev. 4	
-	CUSTOMER P	0 7057052	SPX Job 86	986	

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8. Nom. thickness (in.) \_\_\_\_\_\_N/A\_\_\_Min. design thickness (in.) \_\_\_\_\_N/A\_\_\_ Dia. ID (ft & in.) \_\_\_\_\_N/A\_\_\_ Length overall (ft & in.) \_\_\_\_\_\_N/A\_\_\_ 9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No.	Part or Appurtenance Serial Number	National Board No.
	in Numerical Order		in Numerical Order
(1) 0321-86986-1-1 (0		(26)	
	302) N/A	(27)	
(3) <u>0321-86986-1-3</u> (0)	303) N/A .	(28)	<u> </u>
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10) <u>* NC2170</u>		(35)	
(11) Heat treatment	to enhance	(36)	
(12)impact_properti		(37)	
(13)		(38)	
(14)	. )	(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
		(44)(45)	
(20)			
		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 112/881 This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

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Reprint (7/91)

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Certificate Holder's Serial Nos. <u>1-1</u> through <u>1-</u> CERTIFICATION OF DESIGN	רטחאו איב וסטנג - רץ. בטוו סחבכים סרבים ס	
Design specifications certified by		
Design report* certified by	CERTIFICATION OF DESIGN	
Use of controls         CERTIFICATE OF COMPLIANCE         We certify that the statements made in this report are correct and that this (these)Plugs	P.E. State Reg. no	Design specifications certified by
We certify that the statements made in this report are correct and that this (these)       Plugs	P.E. State Reg. no	Design report* certified by
conforms to the rules of construction of the ASME Code, Section III, Division 1.         NPT Certificate of Authorization No.       N=3053         Date       7-8-03         Name       SPX Valves & Controls         INPT Certificate Holderi       Signed         CERTIFICATE OF INSPECTION         1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Prov         Penna       oneBeacon America Insurance Company         of       Boston, MA         have inspected these items described in this Data Report on       7-8-03         best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, State	CERTIFICATE OF COMPLIANCE	
Date 7-8-03 Name SPX Valves & Controls Signed D.7. Kurt INPT Certificate Holder) CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Prov <u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> of <u>Boston</u> , MA have inspected these items described in this Data Report on <u>7-8-03</u> , and state that best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, S		
(NPT Centificate Holder) (Venthorized representative) CERTIFICATE OF INSPECTION 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Prov <u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> of <u>Boston</u> , <u>MA</u> have inspected these items described in this Data Report on <u>7-8-03</u> , and state that best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, S	Doll F	
1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Prov <u>Penna</u> and employed by <u>OneBeacon America Insurance Company</u> of <u>Boston</u> , <u>MA</u> have inspected these items described in this Data Report on <u>2-8-03</u> , and state that best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, S	X Valves & Controls Signed _D (-7. Kunt (NPT Certificate Holder) Signed (suffrorized representative)	Date 7-8-03 Name SP2
Penna and employed by <u>OneBeacon America Insurance Company</u> of <u>Boston</u> , <u>MA</u> have inspected these items described in this Data Report on <u>2-8-03</u> , and state that best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, S	CERTIFICATE OF INSPECTION	
of <u>Boston</u> , <u>MA</u> have inspected these items described in this Data Report on <u>7-8-03</u> , and state that best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, s		
	spected these items described in this Data Report on $\frac{7-8-03}{2-8-03}$ , and state that to the	of
III, Division 1. Each part listed has been authorized for stamping on the date shown above.		
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment de	• •	•
in this Data Report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or impliced, concerning the equipment de		
loss of any kind arising from or connected with this inspection.		
Den Den Den Den de Den de la company	Burge Dansel	70.7 7
Date 7-8-3_Signed Commissions Commissions	(Authorized Inspector) Commissions VH26277 (Nat'l. 8d. [Incl. endorsements] and state or prov. and no.]	Date <u>1-8-05</u> Signed

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As Required By The Provisions Of The ASME Code Section XI

						Traveler #	03025
1. Owner	Southern Nuclear	Operating Comp	any	Date		October 23, 2003	
<u> </u>	40 Inverness Cen	Name ter Parkway, Birn		 L Sheet	1		1
2. Plant	Vogtle Electric Ge			Unit		1	·
	Waynesboro, GA	Plant 30830		MWO #		10202358	
		Address		—	Repair Or	ganization P.O. No., Jo	b No., etc.
3. Work Pe	rformed by <u>Nuclea</u>	<i>r Operations Mail</i> Name	ntenance	<u> </u>		lant Vogtle ddress	
4. Identific	ation Of System	·	. <u> </u>	1204 / Sa	afety Injection		
(b)Appli	icable Construction ( cable Edition of Sect	ion XI Utilized Fo	r Repairs O	r Replacements 198		77Addenda, <u>N/A</u>	Code Case
6. Identific	ation Of Component	s Repairs Or Rep	lacement C	omponents			
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	1K7-1204-037-01	1987	REPLACEMENT	YES
8. Tests Co	N/A 🛛	Other	Pressure	Nominal Ope     N/A PSI Tes     ATE OF COMPLIANCE	st Temp		
	• that the statements SME Code, Section 3			•	replaceme repair or replac		rms to the
Type Code Sy	mbol Stamp			. N	/A		
Certificate of	Authorization No.	N	/A	Expiration I	 Date	N/A	
Signed	Owner or Owner	Designee, Title	Date	10/23	12003		
		CER	TIEICATE				
or Province o <u>Connectícut</u> to <u>10-23</u> taken correct By signing t examinations	f <u>Georgia</u> and emp have inspected the c , and state ive measures descr his certificate, neith and corrective mea	lid commission is loyed by <u>Ha</u> omponents desc that to the best ibed in this Own ner the Inspecto sures described	ssued by the artford Stea ribed in this of my kno ners Repor r nor his in this Ow or proper	e National Board of I <u>m Boiler Inspection</u> s Owner's Report du wledge and belief, t wledge and belief, t r In accordance wi employer makes a ners Report. Furth ty damage or a los	Boiler and Press and Insurance ( ring the period he Owner has p th the requiren ny warranty, e ermore, neither ss of any kind	sure Vessel Inspectors <u>Co of Connecticut</u> May 20, berformed examination bents of the ASME C xpressed or Implied, the Inspector nor his arising from or con	_ of <u>Hartford</u> 2003 ns and tests and ode, Section XI. concerning the s employer shall
	Inspector's Signatu		Commissi	ons <u>GA20</u> Nationa		Province and Endorse	ments
							· · · · · · · · · · · · · · · · · · ·

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

						Traveler #	03032
. '. Owner	Southern Nuclear	Operating Comp	any	Date		October 17, 2003	
$\mathbf{U}$	40 Inverness Cen		ningham, Al	Sheet	1	of	1
2. Plant	Vogtie Electric G			Unit		1	
	Waynesboro, GA	Plant 30830		 MWO #		10203632	
		Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3. Work Pe	rformed by <u>Nuclea</u>	r Operations Mai	ntenance		P	lant Vogtle	
		Name	— .		A	ddress	
4. Identifica	tion Of System	<u> </u>		1301 / Main	Steam System	1	. <u> </u>
(b)Applic	cable Construction able Edition of Sect ation Of Component	tion XI Utilized Fo	r Repairs O	r Replacements 1989	<u> Winter 19</u>	177_Addenda, <u>N-245</u>	9-1 Code Case
NAME	NAME	MANUFACTURER	NATIONAL			REPAIRED,	ASME CODE
OF COMPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1301-106-H005	1987	REPLACEMENT	YES
·							
rules of the As Type Code Sy	that the statements SME Code, Section 2 mbol Stamp	XI.	ort are corre		replacem repair or repla		rms to the
Signed	Owner or Owner	1.Teal	Date	-1.1		3	
or Province of <u>Connecticut</u> h	<u>Georgia</u> and emp ave inspected the c 23 , and state	lid commission is bloyed byH components desc	ssued by th artford Stea ribed in this of my kno	m Boller Inspection a Owner's Report duri wledge and belief, th	oiler and Pres <u>nd Insurance</u> ing the period e Owner has j	sure Vessel Inspectors <u>Co of Connecticut</u> August performed examination nents of the ASME C	_ of <u>Hartford</u> I, 2003 ns and tests and

As Required By The Provisions Of The ASME Code Section XI

						Traveler #	03033
Owner	Southern Nuclear	Operating Comp	bany	Date		October 23, 2003	•
م <u>ــــــــــــــــــــــــــــــــــــ</u>	40 Inverness Cen	Name ter Parkway, Birn			1	of	1
2. Plant	Vogtle Electric Ge			Unit		1	
	Waynesboro, GA	Plant 30830		MWO #		10203631 and A0100	788
	maynesboro, on	Address			Repair Or	ganization P.O. No., Jo	
3. Work Per	formed by <u>Nuclea</u>	<u>r Operations Mai</u> Name	ntenance			lant Vogtle	
4. Identifica	tion Of System			1301 / Main S	Steam System	1	
(b)Applic	able Construction ( able Edition of Sect tion Of Component	tion XI Utilized Fo	or Repairs C	r Replacements 1989	Winter 19	177_Addenda, <u>N-245</u>	<u>-1</u> Code C
NAME		MANUFACTURER				REPAIRED.	ASME COD
OF	OF	SERIAL	BOARD	OTHER	YEAR	REPLACED OR	STAMPED
COMPONENT	MANUFACTURER	NO	NO.	IDENTIFICATION V1-1301-105-H006	BUILT 1987	REPLACEMENT REPLACEMENT	(YES OR NO YES
PIPE SUPPORT	PULLMAN POWER PRODUCTS	17/A	MA .	VI-1301-103-1100	1361	REFLAGEMENT	.123
							<u> </u>
7. Description 8. Tests Con	installe		ocket on Al	2-5501, serial # 444 (re c 🔲 Nominal Opera	ference Trave		
•	<u>Installe</u> nducted:	ed replacement so Hydrostatic	ocket on Al Pneumatie Pressure	2-5501, serial # 444 (re c 🔲 Nominal Opera	ference Trave ating Pressure Temp.	eler # 01088_and MWO	
8. Tests Co	<u>Installe</u> nducted:	ed replacement so Hydrostatic Other made in the repo	ocket on Al Pneumati Pressure CERTIFIC	D-5501, serial # 444 (re D-5501, serial # 444 (re N/A PSI Test ATE OF COMPLIANCE ct and this	ference Trave ating Pressure Temp.	entconfor	
8. Tests Co	Installs	ed replacement so Hydrostatic Other made in the repo	ocket on Al Pneumati Pressure CERTIFIC	D-5501, serial # 444 (re D-5501, serial # 444 (re N/A PSI Test ATE OF COMPLIANCE ct and this	eference Trave ating Pressure Temp Temp Templacem replacem	entconfor	<u># A0100788).</u>
8. Tests Co We certify f rules of the AS Type Code Syr	Installs	ed replacement so Hydrostatic Other made in the repo	ocket on Al Pneumatik Pressure CERTIFIC ort are corre	D-5501, serial # 444 (re           C         Nominal Opera           N/A         PSI         Test           ATE OF COMPLIANCE	ating Pressure Temp <i>replacem</i> repair or replace	entconfor	<u># A0100788).</u>
8. Tests Co We certify f rules of the AS Type Code Syr	Installs	ed replacement so Hydrostatic Other made in the reported to the reported	Ocket on Al Pneumatik Pressure CERTIFIC ort are corre	2-5501, serial # 444 (re C Nominal Opera N/A PSI Test ATE OF COMPLIANCE ct and this	ating Pressure Temp <i>replacem</i> repair or replace	e C N/A °F ent confor cement	<u># A0100788).</u>
8. Tests Con We certify f rules of the AS Type Code Syr Certificate of A	Installe	ed replacement so Hydrostatic Other made in the report XI. N S Designee, Title	OCKET ON AL Preumatic Pressure CERTIFIC Off are corre	2-5501, serial # 444 (re C Nominal Opera N/A PSI Test ATE OF COMPLIANCE ct and this	ating Pressure Temp <i>replaceme</i> repair or replacement ate	e C N/A °F ent confor cement	<u># A0100788).</u>
8. Tests Con We certify f rules of the AS Type Code Syr Certificate of Signed	Installe	ed replacement so Hydrostatic Other made in the reported to the reported	OCKET ON AL Preumatic Pressure CERTIFIC Ort are corre	D-5501, serial # 444 (regimes)         c       Nominal Opera         N/A       PSI       Test         ATE OF COMPLIANCE       Test         ATE of COMPLIANCE       r         Compliance $0/2$ ATE of Complia	ating Pressure Temp Temp <i>replaceme</i> repair or replaceme ate	e C N/A °F ent confor cement	# <u>A0100788).</u> ms to the
8. Tests Con We certify f rules of the AS Type Code Syn Certificate of Signed	Installe Installe N/A that the statements ME Code, Section A mbol Stamp Authorization No. Conner or Owner Owner or Owner igned, holding a va Georgia and emp	ed replacement so Hydrostatic Other made in the report XI. N S Designee, Title CER lid commission is ployed by Ha	Ocket on Al         Pneumatic         Pressure         CERTIFIC         Ont are corres         WA         A         Date         StrificATE C         ssued by the         artford Stea	D-5501, serial # 444 (re C □ Nominal Opera 	ating Pressure ating Pressure Temp replacement repair or replacement ate CTION oiler and Press nd Insurance	sure Vessel Inspectors	# A0100788).
8. Tests Con We certify f rules of the AS Type Code Syn Certificate of A Signed	Installe Installe Installe N/A Installe	ed replacement set         Hydrostatic         Hydrostatic         Other         Other         made in the report         XI.         Notes         S Designee, Title         CER         Iid commission is bloyed by         Hat to the best	OCKet on Al Pneumatic Pressure CERTIFIC ort are corre	$\frac{D-5501, serial # 444 (re}{NOMINAL OPERATE OF COMPLIANCE}$ $\frac{N/A PSI Test}{ATE OF COMPLIANCE}$ $\frac{ATE OF COMPLIANCE}{T}$ $\frac{N/A PSI Test}{T}$	ating Pressure ating Pressure Temp replacement repair or replacement ate CTION oiler and Press <u>ind Insurance</u> 0 ng the period e Owner has	sure Vessel Inspectors Co of Connecticut August 2 performed examination	# A0100788). This to the s and the State of <u>Hartford</u> 8, 2001 Its and tests
8. Tests Con We certify f rules of the AS Type Code Syn Certificate of A Signed	Installe Installe Installe N/A Installe	ed replacement set         Hydrostatic         Hydrostatic         Other         Other         made in the report         XI.         Notes         S Designee, Title         CER         Iid commission is bloyed by         Hat to the best	OCKet on Al Pneumatic Pressure CERTIFIC ort are corre	$\frac{D-5501, serial # 444 (re}{NOMINAL OPERATE OF COMPLIANCE}$ $\frac{N/A PSI Test}{ATE OF COMPLIANCE}$ $\frac{ATE OF COMPLIANCE}{T}$ $\frac{N/A PSI Test}{T}$	ating Pressure ating Pressure Temp replacement repair or replacement ate CTION oiler and Press <u>ind Insurance</u> 0 ng the period e Owner has	sure Vessel Inspectors	# A0100788). This to the s and the Stat _ of <u>Hartford</u> 8, 2001 Is and tests
8. Tests Con We certify f rules of the AS Type Code Syr Certificate of Signed	installe installe inducted: N/A ⊠ that the statements ME Code, Section D mbol Stamp Authorization No Owner or Owner' igned, holding a vai <u>Georgia</u> and emp ave inspected the c 23, and state we measures descr is certificate, neith and corrective mea	ed replacement set         Hydrostatic         Other         Other         made in the report         made in the report         xl.         N         Segme         Segme     <	OCKet on Al Pneumatic Pressure CERTIFIC of are correct WA TIFICATE C ssued by the artford Stea ribed in this of my kno ners Repois in this Ow	2-5501, serial # 444 (re C Nominal Opera N/A PSI Test ATE OF COMPLIANCE att and this $$	ating Pressure ating Pressure Temp replacement	sure Vessel Inspectors Co of Connecticut August 2 performed examination nents of the ASME C expressed or Implied, r the Inspector nor his	# A0100788). This to the and the Stat of <u>Hartford</u> 8, 2001 Is and tests ode, Section concerning s employer s
8. Tests Con We certify f rules of the AS Type Code Syr Certificate of Signed	installe installe inducted: N/A ⊠ that the statements ME Code, Section D mbol Stamp Authorization No Owner or Owner' igned, holding a vai <u>Georgia</u> and emp ave inspected the c 23, and state we measures descr is certificate, neith and corrective mea	ed replacement set         Hydrostatic         Other         Other         made in the report         made in the report         xl.         N         Segme         Segme     <	OCKet on Al Pneumatic Pressure CERTIFIC of are correct WA TIFICATE C ssued by the artford Stea ribed in this of my kno ners Repois in this Ow	2-5501, serial # 444 (re C Nominal Opera N/A PSI Test ATE OF COMPLIANCE att and this $$	ating Pressure ating Pressure Temp replacement	sure Vessel Inspectors Co of Connecticut August 2 performed examination nents of the ASME C expressed or Implied,	# A0100788). This to the and the Stat of <u>Hartford</u> 8, 2001 Is and tests ode, Section concerning s employer s
8. Tests Con We certify f rules of the AS Type Code Syr Certificate of A Signed	installe installe inducted: N/A ⊠ that the statements ME Code, Section D mbol Stamp Authorization No Owner or Owner' igned, holding a vai <u>Georgia</u> and emp ave inspected the c 23, and state we measures descr is certificate, neith and corrective mea	ed replacement set         Hydrostatic         Other         Other         made in the report         made in the report         xi.         Segme	OCKet on Al Pneumatic Pressure CERTIFIC of are correct WA TIFICATE C ssued by the artford Stea ribed in this of my kno ners Repois in this Ow	2-5501, serial # 444 (re C Nominal Opera N/A PSI Test ATE OF COMPLIANCE at and this $ Expiration Da C CF INSERVICE INSPECe National Board of Bom Boiler Inspection ands Owner's Report duringwiedge and belief, thet in accordance withemployer makes anyners Report. Furtherty damage or a lossONS GA 203$	ating Pressure ating Pressure Temp replacement	sure Vessel Inspectors Co of Connecticut August 2 performed examination nents of the ASME C expressed or Implied, r the Inspector nor his	# A0100788). This to the s and the Stat _ of <u>Hartford</u> 8, 2001 Is and tests a ode, Section concerning s employer s nected with the
8. Tests Con We certify f rules of the AS Type Code Syn Certificate of A Signed	Installe Installe Inducted: N/A S Inhat the statements ME Code, Section 2 mbol Stamp Control Code, Section 2 mbol Stamp Codiner or Owner' Georgia and emp ave inspected the c Call of the code and state we measures described the code and state we measures described the code and state we measure described the code and state we measure described the code and corrective measures described the code the co	ed replacement set         Hydrostatic         Other         Other         made in the report         made in the report         xi.         Segme	OCKet on Al Pneumatic Pressure CERTIFIC of are correct WA TIFICATE C ssued by the artford Stea ribed in this of my kno ners Report in this Ow y or proper	2-5501, serial # 444 (re C Nominal Opera N/A PSI Test ATE OF COMPLIANCE at and this $ Expiration Da C CF INSERVICE INSPECe National Board of Bom Boiler Inspection ands Owner's Report duringwiedge and belief, thet in accordance withemployer makes anyners Report. Furtherty damage or a lossONS GA 203$	ating Pressure ating Pressure Temp replacement	sure Vessel Inspectors <u>Conforment</u> <u>N/A</u> °F <u>ent</u> conforment <u>N/A</u> <u>sure Vessel Inspectors</u> <u>Co of Connecticut</u> <u>August 2</u> performed examination nents of the ASME C expressed or Implied, r the Inspector nor his arising from or cont	# A0100788). This to the s and the Stat _ of <u>Hartford</u> 8, 2001 Is and tests a ode, Section concerning s employer s nected with the

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

🟒 Owner	Southern Nuclear	<b>Operating Comp</b>	any '	Date		October 18, 2003	•
		Name					
•	40 Inverness Cent	Address	ningnam, A	<u>L</u>	1	of	1
2. Plant	Vogtle Electric Ge	enerating Plant Plant		Unit		1	
	Waynesboro, GA			MWO #		10203626	
		Address			Repair Or	ganization P.O. No., Jo	ob No., etc.
3. Work Per	formed by <u>Nuclear</u>		ntenance			lant Vogtle	
		Name	•			Address	
4. Identifica	tion Of System _	· <u> </u>		1302 / Auxillary	Feedwater Sy	stem	
	able Construction ( able Edition of Sect		E Section II or Repairs C	1977 Edition, Dr Replacements 1989	Winter 19	977_Addenda, <u>N-24</u> 5	9-1 Code Case
6. Identifica	tion Of Component	s Repairs Or Rep	lacement C	omponents			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.		YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1302-107-H016	1987	REPLACEMENT	YES
7. Descripti 8. Tests Co	nducted:	•	Pneumati	eplaced with AD-501, s c 🔲 Nominal Opera N/A PSI Test	ating Pressure		esting.
-	nducted:	Hydrostatic 🔲	Pneumati Pressure	c 🔲 Nominal Opera	ating Pressure		esting.
8. Tests Co	nducted:	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c D Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this	ating Pressure	₽ [] ºF confo	<u>esting.</u> rms to the
8. Tests Co / We certify ules of the AS	nducted: N/A 🖾 that the statements ME Code, Section 3	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c D Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this	ating Pressure Temp   replacem repair or repla	₽ [] ºF confo	
B. Tests Co We certify wes of the AS	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp	Hydrostatic [] Other [] made in the repo	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this N/A	ating Pressure Temp E <u>replacem</u> repair or repla	e [] <u>N/A</u> °F <u>ent</u> confo icement	
8. Tests Co We certify ales of the AS ype Code Syn ertificate of c	nducted: N/A 🖾 that the statements ME Code, Section 3	Hydrostatic [] Other [] made in the repo	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>N/A</u> Expiration Da	ating Pressure Temp    repair or repla	₽ [] ºF confo	
8. Tests Co We certify ules of the AS ype Code Syn	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera	ating Pressure Temp    repair or repla	e [] <u>N/A</u> °F <u>ent</u> confo icement	
8. Tests Co We certify ales of the AS ype Code Syn ertificate of c	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp Authorization No.	Hydrostatic Other made in the reported to	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Da eC_2C	ating Pressure	e [] <u>N/A</u> °F <u>ent</u> confo icement	
8. Tests Co We certify ales of the AS ype Code Syn ertificate of igned	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp Authorization No.	Hydrostatic Other made in the repord M M Teg_ (e) S Designee, Title CER	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera	ating Pressure	e [] <u>N/A</u> °F <u>ent</u> confo icement <u>N/A</u>	rms to the
8. Tests Co We certify ules of the AS ype Code Syn ertificate of igned	nducted: N/A N/A that the statements SME Code, Section A mbol Stamp mbol Stamp Authorization No. Muchaela Owner or Owner' Signed, holding a val <u>Georgia</u> and emp ave inspected the c	Hydrostatic Other made in the reported to	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this Expiration Da eC_2 OF INSERVICE INSPEC an Boiler Inspection a s Owner's Report duri	ating Pressure Temp replacem re	e [] <u>N/A</u> °F <u>ent</u> confo icement <u>N/A</u> sure Vessel Inspector: <u>Co of Connecticut</u> <u>August (</u>	rms to the s and the State _ of <u>Hartford</u> 5, 2003
8. Tests Co We certify ales of the AS ype Code Syn ertificate of igned	nducted: N/A N/A that the statements SME Code, Section A mbol Stamp mbol Stamp Authorization No. <u>Authorization No.</u> <u>Owner or Owner</u> igned, holding a val <u>Georgia</u> and emp ave inspected the c 3, and state	Hydrostatic Other made in the reported to	Pneumati Pressure CERTIFIC ort are corre	c       Nominal Operative         N/A       PSI       Test         CATE OF COMPLIANCE       Test         CATE OF COMPLIANCE       N/A         ect and this       Image: Complete the section of	ating Pressure Temp replacem repair or repla ate  CTION oiler and Pres <u>nd Insurance</u> ng the period	e [] <u>N/A</u> °F <u>ent</u> confo icement <u>N/A</u> sure Vessel Inspector: Co of Connecticut	rms to the s and the State _ of <u>Hartford</u> 5, 2003 ns and tests and
8. Tests Co We certify ules of the AS ype Code Syn ertificate of igned I, the unders Province of <u>onnecticut</u> h <u>IO-21-0</u> iken correcti y signing th caminations	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp Authorization No. Muthorization No. Muthorizatio	Hydrostatic Other Other made in the reporder the reporder of the reporde	Pneumati Pressure CERTIFIC ort are corre MA TIFICATE of ssued by th artford Stea ribed in thi of my kno ners Repo r nor his in this Ow	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this Expiration Da be 2007 INSERVICE INSPEC The National Board of B am Boiler Inspection a s Owner's Report duri owledge and belief, the the in accordance with employer makes any mers Report. Further	ating Pressure Temp	e  N/A °F  ent confor coment N/A N/A  ssure Vessel Inspector Co of Connecticut August i performed examinatio ments of the ASME C expressed or implied, r the Inspector nor hi	rms to the s and the State _ of <u>Hartford</u> 6, 2003 ns and tests and code, Section XI. concerning the s employer shall
8. Tests Co We certify ales of the AS ype Code Syn ertificate of gned I, the unders Province of <u>onnecticut</u> h <u>/0-2/-0</u> ken correcti y signing th caminations e liable in a	nducted: N/A 🖾 that the statements SME Code, Section 2 mbol Stamp Authorization No. Muthorization No. Muthorizat	Hydrostatic Other made in the reporder the reporder of the	Pneumati Pressure CERTIFIC off are corre //A CONTINUE TIFICATE ( ssued by the artford Stea ribed in thi of my kno ners Repo r nor his in this Ow y or prope	c Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this Expiration Da be 20/22 OF INSERVICE INSPEC The National Board of B am Boiler Inspection a s Owner's Report duri owledge and belief, the the naccordance with employer makes any mers Report. Further rty damage or a loss	ating Pressure Temp	e  N/A °F ent conformed examination ments of the ASME Context of the context of t	rms to the s and the State _ of <u>Hartford</u> 6, 2003 ns and tests and code, Section XI. concerning the s employer shall
8. Tests Co We certify ules of the AS ype Code Syn ertificate of igned I, the unders r Province of <u>onnecticut</u> h ( <u>JO-21-0</u> ) ken correcti y signing the caminations is liable in a hypection.	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp Authorization No. Muthorization No. Muthorizatio	Hydrostatic Other made in the reporder the reporder of the	Pneumati Pressure CERTIFIC ort are corre MA TIFICATE of ssued by th artford Stea ribed in thi of my kno ners Repo r nor his in this Ow	c Nominal Opera N/A PSI Test CATE OF COMPLIANCE ATE OF COMPLIANCE ect and this Expiration Da be Cof INSERVICE INSPEC The National Board of B am Boller Inspection a so Owner's Report duri owledge and belief, the rt in accordance with employer makes any mers Report. Further rty damage or a loss ions GA203	ating Pressure Temp repair or repla ate CTION oiler and Pres <u>nd Insurance</u> ng the period e Owner has the requirer y warranty, e tmore, neithe s of any kind	e  N/A °F  ent confor coment N/A N/A  ssure Vessel Inspector Co of Connecticut August i performed examinatio ments of the ASME C expressed or implied, r the Inspector nor hi	rms to the s and the State of <u>Hartford</u> 5, 2003 ns and tests and code, Section XI. concerning the s employer shall nected with this

As Required By The Provisions Of The ASME Code Section XI

3. Work Performed by Nuclear Operations Maintenance         Name         4. Identification Of System       1201 / Reactor Coola         5. (a) Applicable Construction Code       ASME Section III       1977 Edition, W         (b) Applicable Construction Of Section XI Utilized For Repairs Or Replacements 1929       W         6. Identification Of Components Repairs Or Replacement Components       There is the second of the s		Traveler #	03066
A0 Inverness Center Parkway, Birmingham, AL	~		
40 Inverness Center Parkway, Birmingham, AL	0	October 23, 2003	
2. Plant       Unit       Unit         Waynesboro, CA 30830       MWO #         Address       Re         3. Work Performed by <u>Nuclear Operations Maintenance</u> Name       1201 / Reactor Coola         4. Identification Of System       1201 / Reactor Coola         5. (a) Applicable Construction Code       ASME Section III       1977 Edition, W         (b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989       6. Identification Of Components Repairs Or Replacement Components         NME       NAME       SERUAL       BOARD       IDENTIFICATION         COMPONENT       MANUFACTURER       NAIO       IDENTIFICATION       Ft         SUPPORT       POWER       N/A       N/A       V1-1201-049-H010       11         7. Description Of Work       Snubber PSA-100, serial # 2117 was replaced with PSA-100, Also, Installed replacement end cap nut on PSA-100, serial # A0001343.         1. Tests Conducted:       Hydrostatic       Pressure       N/A       PSI         VIA ⊠       Other       Pressure       N/A       PSI       Test Test prepare         Certificate of Authorization No.       N/A       Expiration Date       Signed       Alg.2 4 / Z         Owner or Owner's Designee, Title       CERTIFICATE OF INSERVICE INSPECTION IL       Repair         Vipe Code	1	of	1
Waynesbore, GA 30830       MWO #         Address       Re         3. Work Performed by Nuclear Operations Maintenance Name       12011/Reactor Coola         4. Identification Of System       12011/Reactor Coola         5. (a) Applicable Construction Code       ASME Section III       1977 Edition, W         (b)Applicable Edition of Section XI Utilized For Replars Or Replacements 1989       6.         16. Identification Of Components Repairs Or Replacement Components       MAME         NAME       NAME       OTHER         OF       PUPCINE       N/A       V1-1201-049-H010         7. Description Of Work       Snubber PSA-100, serial # 21171 was replaced with PSA-100, Also, Installed replacement end cap nut on PSA-100, serial # 21171 was replaced with PSA-100, Also, Installed replacement end cap nut on PSA-100, serial # 20073433         1. Tests Conducted:       Hydrostatic       Pressure       N/A       PSI         V/A       Other       Pressure       N/A       Replaced with PSA-100, serial # 2177 was replaced with PSA-100, Also, Installed replacement end cap nut on PSA-100, serial # 20073433         1. Tests Conducted:       Hydrostatic       Pressure       N/A       PSI         V/A       Other       Pressure       N/A       Replaced with PSA-100, Also, Installed replacement end cap nut on PSA-100, serial # 20073433         1. Tests Conducted:       Hyd		1	
Address       Re         3. Work Performed by Nuclear Operations Maintenance Name	10	10203616 and A000	1343
Name         4. Identification Of System       1201 / Reactor Coola         5. (a) Applicable Construction Code       ASME Section III       1977 Edition, W         (b)Applicable Edition of Section XI Utilized For Repairs Or Replacements 1983       6.         6. Identification Of Components Repairs Or Replacement Components       97         0 G       OF       SERIAL       BOARD         0 G       OF       NAME       NAME         0 G       OF       NAME       NAME       NAME         0 G       OF       NAME       NAME       NAME         0 G       OF       PULLMAN       N/A       VI-1201-049-H010       15         0 GMPORENT       MANUFACTURER       N/A       N/A       VI-1201-049-H010       15         1 SUPPORT       PULLMAN       N/A       N/A       VI-1201-049-H010       15         1 SUPPORT       PULLMAN       N/A       N/A       VI-1201-049-H010       15         1 SUPPORT       PULLMAN       N/A       N/A       VI-1201-049-H010       15         1 SUPPORT       PULMAN       N/A       N/A       VI-1201-049-H010       15         1 Support       PULMAN       N/A       N/A       VI-1201-049-H010       15 <t< td=""><td>Repair Organi:</td><td>nization P.O. No., J</td><td>ob No., etc.</td></t<>	Repair Organi:	nization P.O. No., J	ob No., etc.
Name         4. Identification Of System       1201 / Reactor Coola         5. (a) Applicable Construction Code       ASME Section III       1977 Edition, W         (b)Applicable Edition of Section XI Utilized For Repairs Or Replacements 1983       6.         6. Identification Of Components Repairs Or Replacement Components       97         0 G       OF       SERIAL       BOARD         0 G       OF       NAME       NAME         0 G       OF       NAME       NAME       NAME         0 G       OF       NAME       NAME       NAME         0 G       OF       PULLMAN       N/A       VI-1201-049-H010       15         0 GMPORENT       MANUFACTURER       N/A       N/A       VI-1201-049-H010       15         1 SUPPORT       PULLMAN       N/A       N/A       VI-1201-049-H010       15         1 SUPPORT       PULLMAN       N/A       N/A       VI-1201-049-H010       15         1 SUPPORT       PULLMAN       N/A       N/A       VI-1201-049-H010       15         1 SUPPORT       PULMAN       N/A       N/A       VI-1201-049-H010       15         1 Support       PULMAN       N/A       N/A       VI-1201-049-H010       15 <t< td=""><td>Plant</td><td>nt_Vogtle</td><td></td></t<>	Plant	nt_Vogtle	
5. (a) Applicable Construction Code	Addre		
(b)Applicable Edition of Section XI Utilized For Replacement Components         6. Identification Of Components Repairs Or Replacement Components         NAME       NAME         OF       OF         OF       OF         SERIAL       BOARD         NO.       IDENTIFICATION         PIPE       PULLMAN         NAME       N/A         NO.       DENTIFICATION         SUPPORT       POWER         PRODUCTS       N/A         NO.       DENTIFICATION         BL       DENTIFICATION         SUPPORT       POWER         PRODUCTS       N/A         N/A       V1-1201-049-H010         11       SUPPORT         POWER       N/A         N/A       Support         N/A       Commation of Support         N/A       Commation of Support         N/A       Conducted:         <	lant System	l	
6. Identification Of Components Repairs Or Replacement Components         NAME       NAME       MANUFACTURER       NATIONAL         OF       SERIAL       BOARD       OTHER       YE         OMPONENT       MANUFACTURER       NO.       BOARD       OTHER       YE         PIPE       PULLMAN       N/A       N/A       V1-1201-049-H010       YE         SUPPORT       POWER       NO       N/A       V1-1201-049-H010       YE         SUPPORT       POWER       N/A       N/A       V1-1201-049-H010       YE         SUPPORT       POWER       PRODUCTS       N/A       V1-1201-049-H010       YE         SUPPORT       POWER       PRODUCTS       N/A       V1-1201-049-H010       YE         7. Description Of Work       Snubber PSA-100, serial # 2177 was replaced with PSA-100, Also, installed replacement end cap nut on PSA-100, serial # A0001343).       1.       Tests Conducted:       Hydrostatic       Pneumatic       N/A       PSI       Test Temp         N/A       Ø       Other       Pressure       N/A       PSI       Test Temp         Use of the ASME Code, Section XI.       repair of       repair of       Test Temp         Certificate of Authorization No.       N/A       Expiration Date	Winter 1977	Addenda, <u>N/</u>	A Code C
OF       OF       SERIAL       BOARD       OTHER       YE         PIPE       PULLMAN       N/A       N/A       VI-1201-049-H010       11         SUPPORT       POWER       N/A       N/A       VI-1201-049-H010       11         SUPPORT       POWER       N/A       N/A       VI-1201-049-H010       11         7.       Description Of Work       Snubber PSA-100, serial # 2177 was replaced with PSA-100, Also, Installed replacement end cap nut on PSA-100, serial # A0001343).       1.         7.       Description Of Work       Snubber PSA-100, serial # 2177 was replaced with PSA-100, also, Installed replacement end cap nut on PSA-100, serial # A0001343).       1.         8.       Tests Conducted:       Hydrostatic       Pneumatic       Nominal Operating P         N/A       Other       Pressure       N/A       PSI       Test Temp         CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this		·	
COMPONENT       MANUFACTURER       NO.       NO.       IDENTIFICATION       BU         PIPE       PULLMAN       N/A       N/A       V1-1201-049-H010       11         SUPPORT       POWER       N/A       V1-1201-049-H010       11         SUPPORT       PRODUCTS       N/A       V1-1201-049-H010       11         7. Description Of Work       Snubber PSA-100, serial # 2117 was replaced with PSA-100, Also, Installed replacement end cap nut on PSA-100, serial # A0001343,       1.         1. Tests Conducted:       Hydrostatic       Pneumatic       Norminal Operating P         N/A       Other       Pressure       N/A       PSI       Test Temp         CERTIFICATE OF COMPLIANCE       We certify that the statements made in the report are correct and this		REPAIRED,	ASME COD
SUPPORT       POWER PRODUCTS         7. Description Of Work       Snubber PSA-100, serial # 2177 was replaced with PSA-100, Also, Installed replacement end cap nut on PSA-100, serial # A0001343).         1. Tests Conducted:       Hydrostatic       Pneumatic       Norminal Operating P         N/A       Other       Pressure       N/A       PSI       Test Temp         CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO
Also, Installed replacement end cap nut on PSA-100, serial #         A0001343).         1. Tests Conducted:       Hydrostatic □       Pneumatic □       Nominal Operating P         N/A ☑       Other □       PressureN/APSI       Test Temp         CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and thisrepair of         rules of the ASME Code, Section XI.      repair of         Type Code Symbol Stamp	1987 1	REPLACEMENT	YES
Also, Installed replacement end cap nut on PSA-100, serial #         A0001343).         1. Tests Conducted:       Hydrostatic □       Pneumatic □       Nominal Operating P         N/A ☑       Other □       PressureN/APSI       Test Temp         CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and thisrepair of         rules of the ASME Code, Section XI.      repair of         Type Code Symbol Stamp			[
We certify that the statements made in the report are correct and this		] <u>N/A</u> •F	
rules of the ASME Code, Section XI. repair of Type Code Symbol Stamp		- <u> </u>	
Type Code Symbol Stamp       N/A         Certificate of Authorization No.       N/A       Expiration Date         Signed       France Carl Carl Carl Carl Carl Carl Carl Carl	replacement ir or replacem		orms to the
Certificate of Authorization No. N/A Expiration Date Signed Control Signed Cont	•		
Signed <u>Signed</u> <u>Signid</u> <u>Signid</u> <u>Signid</u> <u>Signed</u> <u>Signed</u> <u>Signed</u> <u>Signed</u> <u>Signed</u> <u>Signed</u> <u>Signed</u> <u>Signed</u> <u>Signid</u> <u>Signed</u> <u>Sign</u>		N/A	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Inspected</u> have inspected the components described in this Owner's Report during the to <u>10-37-03</u> , and state that to the best of my knowledge and belief, the Own taken corrective measures described in this Owners Report in accordance with the resuminations and corrective measures described in this Owners Report. Furthermore, be liable in any manner for any personal injury or property damage or a loss of an inspection.	2003		
I, the undersigned, holding a valid commission issued by the National Board of Boiler and or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Inspected</u> have inspected the components described in this Owner's Report during the to <u>10-37-03</u> , and state that to the best of my knowledge and belief, the Own taken corrective measures described in this Owners Report in accordance with the resuminations and corrective measures described in this Owners Report. Furthermore, be liable in any manner for any personal injury or property damage or a loss of an inspection.			
or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boller Inspection and Inspection <u>Connecticut</u> have inspected the components described in this Owner's Report during the to <u>IO-37-03</u>, and state that to the best of my knowledge and belief, the Own taken corrective measures described in this Owners Report in accordance with the result of the corrective measures described in this Owners Report in accordance with the result of the corrective measures described in this Owners Report. Furthermore, be liable in any manner for any personal injury or property damage or a loss of an inspection. <u>Commissions</u> <u>GA203</u></u>			
to <u>10-77-03</u> , and state that to the best of my knowledge and belief, the Own taken corrective measures described in this Owners Report in accordance with the re By signing this certificate, neither the Inspector nor his employer makes any warn examinations and corrective measures described in this Owners Report. Furthermore, be liable in any manner for any personal injury or property damage or a loss of an inspection. Commissions <u>GA203</u>	isurance Co o		of <u>Hartford</u>
examinations and corrective measures described in this Owner's Report. Furthermore, be liable in any manner for any personal injury or property damage or a loss of an inspection. Commissions <u>GA203</u>	mer has perfo	rformed examinatio	ons and tests
Inspection Chapman Commissions GA203	re, neither the	he inspector nor h	is employer sl
MB Chapman Commissions GA203	any kind aris	rising from or cor	nnected with 1
. Haltonal Dolla	rd. State. Prov	ovince and Endors	ements
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# FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required By The Provisions Of The ASME Code Section XI

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				•		Traveler #	03081
. Owner	Southern Nuclear		bany	Date		October 31, 2003	<u></u>
	40 Inverness Cent		ningham, Al	LSheet	1	of	1
2. Plant	Vogtie Electric Ge	Address nerating Plant		Unit		1	
	Waynesboro, GA	Plant		 MWO #		10202678	
	<u></u>	Address	<u> </u>		Repair Org	ganization P.O. No., Jo	b No., etc.
3. Work Per	formed by <u>Nuclear</u>		ntenance	<u> </u>		lant Vogtle	
		Name				ddress	
	tion Of System		·	1205 / Residual H			
	able Construction C able Edition of Section			1 1977 Edition, The placements 1989		77_Addenda, <u>N/A</u>	L Code C
6. Identifica	tion Of Components	s Repairs Or Rep	lacement C	omponents			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.		YEAR	REPAIRED, REPLACED OR REPLACEMENT	ASME COD STAMPED (YES OR NO
1205 Piping System	PULLMAN POWER PRODUCTS	N/A	N/A	1K3-1205-007-05	1987	REPLACEMENT	YES
VALVE		FILTOT 4 O		1-1205-U4-021	2002	REPLACEMENT	
7. Description 8. Tests Co	VAA63 nducted: N/A S. Ja Cigrailos	3. Also replaced Hydrostatic 🗍 Other 🗍	Pneumati Pneumati Pressure CERTIFIC	246AAN) with Flowse         1elbow on ISO 1K3-12         c       Nominal Oper         N/A       PSI         Tes         ATE OF COMPLIANCE	ating Pressure t Temp E	# E452T-1-2) in acco ing WPCS 030485 ₩ N/A •F	
7. Description 8. Tests Co We certify rules of the AS Type Code Syn	on Of Work <u>Replac</u> VAA63 nducted: N/A X J4 Cp(3)(02 that the statements ME Code, Section 2	ed Dresser Vah 3. Also replaced Hydrostatic Other Made in the repo	<u>Ve (ser# Hi</u> <u>I piping and</u> Pneumatic Pressure CERTIFIC ort are corre	246AAN) with Flowse         elbow on ISO 1K3-12         c       Nominal Oper         N/A       PSI         N/A       PSI         ATE OF COMPLIANC         ect and this	ating Pressure ating Pressure t Temp E <u>replaceme</u> repair or replac	# E452T-1-2) in acco ing WPCS 030485 W/A •F N/A •F ent confo	
7. Description 8. Tests Co We certify rules of the AS Type Code Syn Certificate of A	on Of Work <u>Replac</u> VAA63 nducted: N/A 2 34 <i>ior3(0</i> ) that the statements ME Code, Section 2 mbol Stamp	ed Dresser Vah 3. Also replaced Hydrostatic Other made in the report Made in th	Ve (ser# Hi piping and Pneumatic Pressure CERTIFIC ort are corre	246AAN) with Flowsee         elbow on ISO 1K3-12         c       Nominal Oper	ating Pressure ating Pressure t Temp E <u>replaceme</u> repair or replac	## E452T-1-2) In according WPCS 030485         Image: WPCS 04085         Image: WPCS 04085 <tr< td=""><td>ordance REA</td></tr<>	ordance REA
7. Description 8. Tests Co We certify rules of the AS Type Code Syn	on Of Work <u>Replac</u> VAA63 nducted: N/A 2 34 <i>ior3(0</i> ) that the statements ME Code, Section 2 mbol Stamp	ed Dresser Values	Ve (ser# Hi piping and Pneumatic Pressure CERTIFIC ort are corre	246AAN) with Flowsee         elbow on ISO 1K3-12         c       Nominal Oper	ating Pressure ating Pressure t Temp E <u>replaceme</u> repair or replac A ate	## E452T-1-2) In according WPCS 030485         Image: WPCS 04085         Image: WPCS 04085 <tr< td=""><td>ordance REA</td></tr<>	ordance REA
7. Description 8. Tests Co We certify rules of the AS Type Code Syn Certificate of A Signed	on Of Work <u>Replac</u> VAA63 nducted: N/A 2 34 <i>iof</i> 31/02 that the statements ME Code, Section 2 mbol Stamp withorization No.	ed Dresser Vah 3. Also replaced Hydrostatic Other made in the report made in the report S Designee, Title CEF id commission is	Ve (ser# Hi piping and Pneumatic Pressure CERTIFIC ort are corre	246AAN) with Flowse         elbow on ISO 1K3-12         c       Nominal Oper         N/APSI       Test         ATE OF COMPLIANCE         ect and this	ating Pressure ating Pressure t Temp E <u>repair or replaceme</u> repair or replace A ate 2 c d 2 CTION coller and Press	Image: sure Vessel Inspector	rms to the
7. Description 8. Tests Co We certify rules of the AS Type Code Syn Certificate of A Signed	on Of Work <u>Replac</u> VAA63 nducted: N/A 2 34 <i>or</i> 31/02 that the statements ME Code, Section 2 mbol Stamp withorization No. Withorization No.	ed Dresser Vah 3. Also replaced Hydrostatic Other made in the report made in the report france (I. Mage: Cerror (I.) S Designee, Title CER id commission is loyed by <u>H</u>	Ve (ser# Hi piping and Pneumatic Pressure CERTIFIC ort are corre	246AAN) with Flowse         elbow on ISO 1K3-12         c       Nominal Oper         N/APSI       Test         ATE OF COMPLIANCE         ect and this	ating Pressure ating Pressure t Temp E repair or replace A ate 2 c d 2 CTION coller and Press and Insurance	Image: sure Vessel Inspector	rms to the
7. Description 8. Tests Co We certify rules of the AS Type Code Syn Certificate of A Signed	on Of Work <u>Replac</u> VAA63 nducted: N/A 2 34 <i>jor3(jor3(jor3(jor3(jor3(jor3(jor3(jor3(</i>	ed Dresser Vah 3. Also replaced Hydrostatic Other made in the report made in the report made in the report made in the report Can C C s Designee, Title CEF id commission is loyed by <u>H</u> omponents desc that to the best	Ve (ser# Hi piping and Pneumatic Pressure CERTIFIC ort are corre	246AAN) with Flowsee         elbow on ISO 1K3-12         c       Nominal Oper         n       NA_PSI         PSI       Test         ATE OF COMPLIANCE         ect and this	ating Pressure ating Pressure t Temp E replaceme repair or replace ate 2 or 0 2 CTION coller and Press and Insurance ing the period pe Owner has p	Image: sure Vessel Inspector	rms to the s and the Stat of <u>Hartford</u> 6, 2003
7. Description 8. Tests Co We certify for rules of the AS Type Code Syn Certificate of A Signed I, the unders or Province of <u>Connecticut</u> h to <u>//-4_O</u> taken correction By signing the examinations	on Of Work <u>Replac</u> VAA63 nducted: N/A S JA <i>Cof310</i> that the statements ME Code, Section 7 mbol Stamp withorization No <u>Weat</u> Owner or Owner igned, holding a val <u>Georgia</u> and emp ave inspected the c masures descr is certificate, neith	ed Dresser Vah 3. Also replaced Hydrostatic Other made in the report made in the report that in the report bid commission is loyed by <u>H</u> omponents described that to the best ibed in this Ow where the Inspector sures described	Ve (ser# Hi piping and Preumatic Pressure CERTIFIC ort are corre VA A A A A A A A A A A A A A	A6AAN) with Flowsee         leibow on ISO 1K3-12         c       Nominal Oper         n/A       PSI         TE       PSI         ATE OF COMPLIANCE         ect and this	ating Pressure ating Pressure t Temp E replaceme repair or replace ate 2 c d 2 CTION coiler and Press and Insurance ing the period the owner has p h the requirence y warranty, e	m# E452T-1-2) in according WPCS 030485         ig WPCS 0506         ig WPCS 0506 </td <td>s and the Stat </td>	s and the Stat 
7. Description 8. Tests Co We certify for rules of the AS Type Code Syn Certificate of A Signed I, the unders or Province of <u>Connecticut</u> has to <u>II-4-05</u> taken correction By signing the examinations is be liable in a	on Of Work <u>Replac</u> VAA63 nducted: N/A S JA <i>Cof310</i> that the statements ME Code, Section 7 mbol Stamp withorization No <u>Weat</u> Owner or Owner igned, holding a val <u>Georgia</u> and emp ave inspected the c masures descr is certificate, neith	ed Dresser Vah 3. Also replaced Hydrostatic Other made in the report made in the report the report made in the report the report	Ve (ser# Hi piping and Pneumatic Pressure CERTIFIC ort are corre V/A A A A A A A A A A A A A A	246AAN) with Flowsee         (albow on ISO 1K3-12)         c       Nominal Oper         NA_PSI       Test         ATE OF COMPLIANCE         ect and this	ating Pressure ating Pressure t Temp E repair or replace repair or replace A ate 2.0.2 CTION Boiler and Press and Insurance ing the period be Owner has p the requirent by warranty, e ermore, neither s of any kind	m# E452T-1-2) in according WPCS 030485         ing WPCS 040485	rms to the rms to the s and the Stat of <u>Hartford</u> 6, 2003 ns and tests code, Section concerning s employer s nected with
7. Description 8. Tests Co We certify for rules of the AS Type Code Syn Certificate of A Signed I, the unders or Province of <u>Connecticut</u> has to <u>II-4-05</u> taken correction By signing the examinations is be liable in a	on Of Work <u>Replac</u> VAA63 nducted: N/A S J2 of 3102 that the statements ME Code, Section J mbol Stamp withorization No Well Owner or Owner' igned, holding a val <u>Georgia</u> and emp ave inspected the c measures descr is certificate, neith and corrective mea ny manner for any	ed Dresser Vah 3. Also replaced Hydrostatic Other made in the report made in the report the report made in the report the report	Ve (ser# Hi piping and Preumatic Pressure CERTIFIC ort are corre VA A A A A A A A A A A A A A	246AAN) with Flowsee         (albow on ISO 1K3-12)         c       Nominal Oper         NA_PSI       Test         ATE OF COMPLIANCE         ect and this	ating Pressure ating Pressure t Temp E repair or replace repair or replace A ate 2.0.2 CTION Boiler and Press and Insurance ing the period be Owner has p the requirent by warranty, e ermore, neither s of any kind	million       million         million       million         million       *F	s and the Stat of <u>Hartford</u> 6, 2003 ns and tests code, Section concerning s employer s nected with

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

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		• • • • •				Traveler #	•03083
1. Owne	s Southern Nuclear (	Operating Compan	v	Date		10/20/03	
<i>i</i>		Name	<u> </u>	• -			
	40 Inverness Cent		gnam, AL	Sheet	1	Or	3
2. Plant	Vogtle Electric Ger	nerating Plant		Unit		1	·
	Waynesboro, GA			MWO #		10300555	·
•		Address		•	•	rganization P.O. No., Jo	D NO., EIC.
· 3. Work	Performed by <u>Nuclear</u>	r Operations Mainte Name	enance	<del></del>		Plant Vogtle Address	<u> </u>
4. Ideni	ification Of System			1205 / Residual I	Heat Removal S	ystem	
	pplicable Construction oplicable Edition of Sec				nter 1977 9 (Code Case N	_Addenda, <u>N/A</u> -416-1)	Code Case
6. Ideni	ification Of Component	s Repairs Or Rep	lacement C	omponents			
NAME OF COMPONE	NAME OF NT MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED . (YES OR NO)
VALVE		E452T-1-1	N/A	1-1205-U4-022	2001	REPLACEMENT	YES
1205 PIPII SYSTEN		N/A	N/A	1K3-1205-007-05	1987	REPLACEMENT	YES 1
8. Test	Conducted: N/A	Hydrostatic	Pneumati Pressure		erating Pressurest Temp.	e X Code Case N-416- 	1.
,			CERTIFIC	ATE OF COMPLIANC	CE		
	ify that the statements r ASME Code, Section X		t are correc	t and this	REPLACEN repair or repla		ms to the
Type Code	Symbol Stamp			1	N/A		
Certificate	of Authorization No.	N	1/A_	Expiration	Dite	N/A	•••••••••••••••••••••••••••••••••••••••
Signed	1. A and	r's Designee, Title		Team Lead		10/20/200	<u>}</u>
[			RTIFICATE	OF INSERVICE INSP	ECTION		······································
L the unde	rsigned, holding a valid					cure useral increator	- and the State e
Province of	<u>Georgia</u> and	employed by <u>Hart</u>	ford Steam I	Boiler Inspection and I	nsurance Co, of	Connecticut of Hartford	<u>Connecticut</u> hav
inspected to <u>10-2</u> measures	the components 2.03 and state to described in this	hat to the best of	in th my knowle in acco	dge and belief, the C	Report duri Dwner has perfe requirements	ormed examinations an	<u>10/06/03</u> d taken correctiv de, Section X
and corre	this certificate, neither ctive measures desc n any manner for any	ribed in this C	Owners Re	port. Furthermoi	re, neither th	e inspector nor his	employer sha
44	Inspector's Signate	ure	Comm	issions <u>GA</u> Nationa		Province and Endorser	nents .
Date	10-22-03						

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Trave	ler	#	03	083	3
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Sheet 2 of 3.

#### FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR FUMPS OR VALVES" As Required by the Provisions of the ASME Code. Section III. Division 1

				Pg of
1. Manufactured and ce	initial by	coration, 701 First Street	a of M Castificate Moldad	
2. Menufactured for	corgia Power Company,	(neme and address of Pu	, GA. 30302.	<del></del>
	Plant Vogtle Generati	on. 7821 River Rd. Way	zneshora, GA, 30830.	
3. Location of installation		(name and	(address)	
4. Model No., Series No	T-Globe	'Drawing W86-224		CRNN/A
	10	86 -	2	N/A
5. ASME Code, Section	n III, Division 1:			(Code Case no.)
6. Pump or valve	Valve Nominal I		••••	2
• • • • • – – – – – – – – – – – – – – –		(in.)	0	in.]
7. Material: Body	A351-CF8M Bonnet -	N/A Disk	AMS-5387 Bot	ting <u>N/A</u>
_ (a) Cert.	(b)	(c) Sector	(d) Bonnet	(e) Disk
Holder's	Nat'l . Board	Body Serisi	Serial	Serial
Seriel No.	No.	No.	No.	No.
E452T-1-1	N/A		N/A	HT# 1907
<u>E4321-1-1</u>		<u></u>	10/1	<u></u>
				· · · · · · · · · · · · · · · · · · ·
	<del></del>		<b>****</b> ********************************	*
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\*Supplemental information in form of lists, statches, or drawings any be used provided [1] size is 8% × 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/68)

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

#### Traveler# 03083 Sheet 30f3

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	· 2735	. 680			1878
. Design conditions _		psi		une cless	
	(pressure)	(temperature)			
. Cold working pressure	•4507				
. Hydrostatic tast	6775 psi.	Disk differential test p	1858LFB	4958	psi
	<u></u>	CERTIFICATION O	F DESIGN		
		F.A. Bensinger		Ees m	PE31002E
Sesion Specification can	•	N/A	ana Felix (1640) ang		
Deelgn Report certified b	×		P.E. Statu		
	tion III, Dhvision 1.	NITIS			for construction
Certificate of Authoriz	andon No		Espir		
N Certificate of Authoriz	NameFlow	N1712 vserve Corporation I Centificate Holdert	Expir		
N Certificate of Authoriz Date <u>12-19-01</u> I, the undersigned, hold the Easte or Makinos of of <u> </u>	Sing a velici commi Boston, MA,	CERTIFICATE OF SHO Institution between the state CERTIFICATE OF SHO Institution between by the Nations State of the State State of the State of the State of the State State of the State of the State of the State State of the State of the State of the State State of the State of the State of the State State of the State of the State of the State State of the State of the State of the State of the State State of the State of the State of the State of the State State of the State of the State of the State of the State State of the State of the State of the State of the State State of the State of the St	Signed L Signed L P EVEPECTION Lional Board of Bollet arm and employed by Dected the outpo, or velve	d Pressure Vessel Construction Inline	Inspectors and in Ins. Co.
N Certificate of Authoriz Date <u>12-19-01</u> I, the undersigned, hold the Easts or Makinco of of <u>E</u> <u>10-11-01</u> constructed this pump, By signing this cartificer component described in	Ang a velic commission No	CERTIFICATE OF SHO ission issued by the Nat insylvania and state that to the be ance with the ASME Cod sector nor his employer of Furthermore, neither the	Signed K	4/15 DUKer arthorizad represent d Prezzare Vezzal commercial Unio a, described in this belief, the Certifi pressed or jappied, or shall be liable in	Inspectors and in Inspectors and in Ins. Co. Dets Report on igste Holder has

(1) For manually operated values only.

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

			•				Traveler #	03084
•	Owner	Southern Nuclear		any	Date	<u>.</u>	October 31, 2003	
		40 Inverness Cent		ingham, Al	L Sheet	1	of	1
2.	Plant	Vogtle Electric Ge	¥	<u> </u>	Unit		1	
		Waynesboro, GA	Plant 30830		MWO #		10202678	
			Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3.	Work Per	formed by <u>Nuclear</u>	Operations Main Name	itenance			lant Vogtle Iddress	<del></del>
4.	Identifica	tion Of System			1205 / Residual He			
	(a) Applic	able Construction (	Code ASME	E Section II	/ 1977 Edition, Or Replacements 19 <u>89</u>		77_Addenda, <u>N/A</u>	Code Cas
6.	Identifica	tion Of Component:	s Repairs Or Repl	acement C	omponents			
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	PIPE IPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1205-030-H006	1987	REPLACEMENT	YES
	Descriptio	nducted:	Hydrostatic 🔲	Pneumatio	s <u>cutout and rewelded</u> c  Nominal Opera	ting Pressure	: 🖸	
8. 	Tests Co	N/A ⊠ N/A ⊠	Hydrostatic   Other   made in the repo	Pneumatic Pressure CERTIFIC	c Nominal Opera	ting Pressure Temp replacem	ent confo	rms to the
8. J V rules	Tests Co Ve certify t s of the AS	N/A 🛛	Hydrostatic   Other   made in the repo	Pneumati Pressure CERTIFIC rt are corre	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE ct and this	ting Pressure Temp <i>replacem</i> epair or repla	ent confo	rms to the
8. / / rules Type	Tests Con Ve certify f s of the AS e Code Syr	nducted: N/A 🛛 that the statements ME Code, Section J	Hydrostatic Other made in the report	Pneumati Pressure CERTIFIC rt are corre	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE ct and this	ting Pressure Temp <i>replacem</i> epair or repla	ent confor	rms to the
8. _/  rules Type Certi	Tests Con Ve certify f s of the AS e Code Syr ificate of A	nducted: N/A 🖾 that the statements ME Code, Section J nbol Stamp	Hydrostatic Other made in the report (I. Ni Tean Lo	Pneumatic Pressure CERTIFIC rt are corre	c Nominal Opera	ting Pressure Temp <i>replacem</i> epair or repla	ent confo	rms to the
8. J rules Type	Tests Con Ve certify f s of the AS e Code Syr ificate of A	nducted: N/A 🛛 that the statements ME Code, Section ) mbol Stamp 	Hydrostatic Other made in the reported to	Pneumatie Pressure CERTIFIC nt are corre	c Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>r</u> N/AExpiration Da	ting Pressure Temp replacem epair or repla te	ent confo	rms to the
8. V rules Type Certi Sign I, t or Pr <u>Conr</u> to	Tests Con Ve certify is s of the AS e Code Syn ificate of A ed	Inducted: N/A Intat the statements ME Code, Section J mbol Stamp 	Hydrostatic Other made in the repord (I. Marchan Structure) Marchan Structure Marchan Structure Marchan Structure Marchan Structure Marchan Structure CER Marchan Structure Marchan Structure	Pneumatic Pressure CERTIFIC rt are corre /A TIFICATE ( ssued by the <i>intford Stea</i> ribed in this of my kno	c   Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>N/A</u> <u>Expiration Da</u> <u>e</u> <u>11/4/2</u>	ting Pressure Temp replaceme epair or repla te  TION Diler and Pres nd Insurance ng the period ovmer has	ent of conforcement of Conforcement of Conforcement of Conforce conforcement of Conforce conf	s and the State of <u>Hartford</u> 7, 2003 ns and tests an
8. Vrules Type Certi Sign I, t to taker By s exarr be li	Tests Con Ve certify f s of the AS e Code Syn ificate of A ed the unders rovince of <u>necticut</u> h 1/-4/- n correctiv signing th ninations a iable in an ection.	Inducted: N/A A Intat the statements ME Code, Section A mbol Stamp Authorization No. Market And Andrew Market And Andrew Market Andre	Hydrostatic Other made in the repord made in the repord Market in the repord Mark	Pneumatie Pressure CERTIFIC It are corre /A TIFICATE O ssued by the interford Stea ribed in this of my kno ners Repoi r nor his in this Ow or proper	C Nominal Opera	ting Pressure Temp epair or repla epair or repla te TION biler and Pres nd Insurance of Insurance of the period cowner has period of warranty, e more, neither of any kind	ent confor cement confor cement N/A N/A Sure Vessel Inspector Co of Connecticut October performed examinatio nents of the ASIME C expressed or implied, r the Inspector nor hi	s and the State 

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

								Trave	ier #	03085
1.	Owner	Southern Nuclear C	perating Compar	7 <i>y</i>	Date			10/20/	03	
		40 Inverness Cente	Name r Parkway, Birmir	ngham, AL	Sheet			Of		<u> </u>
2.	Plant	Vogtle Electric Gen	erating Plant		Unit	<del></del>		1		- <u></u> <u></u>
		Waynesboro, GA 3	30830		MWO #			103005	555	
			Address	<u> </u>		<u> </u>	Repair C	Organization P.	.O. No., Jo	b No., etc.
3.	Work Per	formed by <u>Nuclear</u>	<i>Operations Maint</i> Name	enance				<i>Plant Vogtle</i> Address	<u> </u>	
4.	Identificat	tion Of System		<u> </u>	1205 / Resid	lual He	at Removal S	System	··	
5.		able Construction C able Edition of Secti				Winte. 19 <u>89</u>	r 1977	_Addenda,	<u>N/A</u>	Code Ca
6.	Identificat	lion Of Components	Repairs Or Rep	lacement C	omponents					
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER	N	YEAR BUILT	REPAIR REPLACE REPLACE	EDOR	ASME CODE STAMPED (YES OR NO)
_	SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1205-012-H	_	1987	REPLACE		YES
7. 8.	Descriptio	ducted:	e- <u>direction_double</u> 1205-U4-021, Hydrostatic [] Other []	e acting plat Pneumati Pressure	c Nominal	Operat	ing Pressur Femp.	re[]	<u>g to facilita</u> _ °F	ate_replacemen
<b>8.</b>	Test Con	<u>valve 1-</u> ducted: N/A [X]	1205-U4-021, Hydrostatic [] Other []	Pneumati Pressure CERTIFIC	c Nominat <u>N/A</u> PSI ATE OF COMPLI	Operat Test ANCE	ing Pressur Femp	re	_ •F	
8. / W	Test Con	<u>valve 1-</u> ducted:	1205-U4-021, Hydrostatic [] Other []	Pneumati Pressure CERTIFIC	c Nominat <u>N/A</u> PSI ATE OF COMPLI	Operat Test <sup>-</sup> ANCE	ing Pressu	ne N/A	_ •F	nte replacement
8. W	Test Con	valve 1- ducted: N/A [X] at the statements ma E Code, Section XI.	1205-U4-021, Hydrostatic [] Other []	Pneumati Pressure CERTIFIC	c Nominat <u>N/A</u> PSI ATE OF COMPLI	Operat Test <sup>-</sup> ANCE	ing Pressur Femp <i>REPLACEN</i> pair or repla	ne N/A	_ •F	
8. W rules Type	Test Con le certify the of the ASM Code Symt	valve 1- ducted: N/A [X] at the statements ma E Code, Section XI.	1205-U4-021, Hydrostatic [] Other []	Pneumati Pressure CERTIFIC	c Nominat <u>N/A</u> PSI ATE OF COMPLI	Operat Test <sup>-</sup> ANCE rej N/A	ing Pressur Femp. REPLACEA	ne N/A	_ •F	
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8. W rules Type Certil	Test Con le certify the of the ASM Code Symt	valve 1- ducted: N/A X at the statements m E Code, Section XI. pol Stamp	1205-U4-021 Hydrostatic Other ade in the report	Pneumati Pressure CERTIFIC are correct	c Nominal N/A PSI ATE OF COMPLI t and this Expirat	Operat Test ANCE rej N/A ion Dat	ing Pressur Femp <i>REPLACEN</i> pair or repla e Date	AENT	_ •F confor	
8. W rules Type Certii Signe	Test Con	valve 1- ducted: N/A X at the statements ma E Code, Section XI. pol Stamp porization No. Owner or Owner's Owner or Owner's ed, holding a valid ceorgia and en e components	1205-U4-021.         Hydrostatic          Other          Other          ade in the report         ade in the report         N         S Designee, Title         CER         commission iss         nployed by Hartf         described         t to the best of f	Pneumati Pressure CERTIFIC are correct //A TIFICATE C ued by the ford Steam E in thi my knowled	c Nominal N/A PSI ATE OF COMPLI t and this Expirat Team Lead DF INSERVICE IN national Board Boiler Inspection a s Owner's dge and belief, th	Operat Test ANCE rej N/A ion Dat der ISPEC1 of boil nd Insu Rep ne Own	ing Pressur Femp REPLACEA pair or repla e Date FION er and Pres rance Co. of ort duri er has perfe	$\frac{e \Box}{N/A}$	- *F confor N/A 	and the State <u>Connecticut</u> h <u>10/06/03</u>
8. W rules Type Certil Signe Certil Signe I, the Provi inspe to _/ meas By signed and be lia	Test Con-	valve 1- ducted: N/A X at the statements ma E Code, Section XI. Sol Stamp Dorization No. Owner or Owner's Owner or Owner's Owner or Owner's Components , and state that ribed in this O ertificate, neither the measures descrift manner for any	1205-U4-021         Hydrostatic         Other         Other         ade in the report         ade in the report         ade in the report         Second in the report         Second in the report         CER         commission iss         nployed by Hartf         described         tt to the best of it         wners       Report         e Inspector nor         bed in this Opersonal Injury	Pneumati Pressure CERTIFICA t are correct t	C Nominal N/A PSI ATE OF COMPLI t and this Expirat Team Leau OF INSERVICE IN national Board Boiler Inspection a s Owner's dge and belief, th rdance with t rer makes any wa port. Further ty damage or a issions	Operat Test Test ANCE rej N/A ion Dat der ISPECI of boil nd Insu Rep ne Own he re arranty more, a loss	ing Pressur Femp. Pair or repla pair or repla e Date Date FION er and Pres rance Co. of ort duri er has perfe quirements , expressed neither th of any kir	AENT MENT Icement	- *F conform  N/A 2 2 spectors f <u>Hartford</u> period ations and SME Coo oncerning nor his m or con	and the State <u>Connecticut</u> h <u>10/06/03</u> I taken correct le, Section the examination employer so nected with the
8. W rules Type Certif Signe Certif Signe I, the Provi inspe to _/ meas By signed and be like inspe	Test Con-	valve 1- ducted: N/A X at the statements ma E Code, Section XI. Sol Stamp porization No. Owner or Owner's Owner or Owner's Owner or Owner's Components and state that ribed in this O ertificate, neither the measures descritt manner for any	1205-U4-021         Hydrostatic         Other         Other         ade in the report         ade in the report         ade in the report         Second in the report         Second in the report         CER         commission iss         nployed by Hartf         described         tt to the best of it         wners       Report         e Inspector nor         bed in this Opersonal Injury	Pneumati Pressure CERTIFICA t are correct t	C Nominal N/A PSI ATE OF COMPLI t and this Expirat Team Leau OF INSERVICE IN national Board Boiler Inspection a s Owner's dge and belief, th rdance with t rer makes any wa port. Further ty damage or a issions	Operat Test Test ANCE rej N/A ion Dat der ISPECI of boil nd Insu Rep ne Own he re arranty more, a loss	ing Pressur Femp. Pair or repla pair or repla e Date Date FION er and Pres rance Co. of ort duri er has perfe quirements , expressed neither th of any kir	AENT MENT Icement	- *F conform  N/A 2 2 spectors f <u>Hartford</u> period ations and SME Coo oncerning nor his m or con	and the State <u>Connecticut</u> hi <u>10/06/03</u> I taken correct le, Section the examinatic employer si nected with t

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

03086 Traveler # Owner Southern Nuclear Operating Company Date January 8, 2004 1. Name 40 Inverness Center Parkway, Birmingham, AL Sheet of Address Vogtle Electric Generating Plant 2. Plant Unit Plant 10200677 Waynesboro, GA 30830 MWO # Address Repair Organization P.O. No., Job No., etc. Work Performed by Nuclear Operations Maintenance Plant Vogtle Name Address Identification Of System 1305 / Condensate & Feedwater System 4. (a) Applicable Construction Code ASME Section III 1977 Edition, Winter 1977 Addenda, N/A **Code Case** 5. (b)Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989 6. Identification Of Components Repairs Or Replacement Components NAME NAME MANUFACTURER NATIONAL REPAIRED, ASME CODE SERIAL, BOARD OTHER YEAR REPLACED OR STAMPED OF OF COMPONENT MANUFACTURER NO. **IDENTIFICATION** BUILT REPLACEMENT (YES OR NO) NO. N/A 1305 PIPING PULLMAN N/A 1-1305-L4-087 1987 REPLACEMENT NO POWER PRODUCTS 7. Description Of Work Perform weld build-up on pipe restraint forging to facilitate the weld joint fit-up with upstream pipe elbow. 8. Tests Conducted: Hydrostatic 🔲 Pneumatic 🔲 Nominal Operating Pressure 🗍 N/A 🖾 Other Pressure N/A PSI Test Temp. ŧ۶ **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 N/A Expiration Date Signed Date 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 Boller Inspection and Insurance Co of Connecticut of Hartford Connecticut have inspected the components described in this Owner's Report during the period October 7, 2003 to 1-22-04, 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 Commissions GA 203 nonun Inspector's Signature National Board, State, Province and Endorsements Date -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 #	03087
1. Owr	er Southern Nuclea	r Operating Compar	ny	Date		11/03/03	· .
<u> </u>	40 Inverness Ce	Name nter Parkway, Birmir	ngham, AL	Sheet	1	Of	
2. Plat	t Vogtle Electric G	enerating Plant		Unit	<u></u>	11	
	Waynesboro, G			MWO #		10300059	
		Address			Repair O	rganization P.O. No., Jo	ob No., etc.
3. Woi	k Performed by <u>Nucle</u>	ear Operations Maint Name	enance	<u> </u>		Plant Vogtle Address	
4. Ider	tification Of System	<u></u>		1205 / Residual I	Heat Removal S	ystem	<u></u>
	Applicable Construction pplicable Edition of So				mmer 1972 9	Addenda,1649	Code Case
6. ider	tification Of Compone	nts Repairs Or Rep	lacement C	omponents			
NAME OF COMPONE	NAME OF MANUFACTURE	MANUFACTURER SERIAL R NO.	NATIONAL BOARD NO,	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED
PUMP		087729	511	1-1205-P6-002	1979	REPLACEMENT	(YES OR NO) YES
	·		· · · · ·			+	<u> </u>
			·		- <u> </u>	<u> </u>	
8. Tes	t Conducted: N/A []	Hydrostatic Other	Pneumati Pressure	c Nominal Ope <u>N/A</u> PSI Te	rating Pressure st Temp		. <u></u>
			CERTIFIC	ATE OF COMPLIANC	E.		
	ify that the statements ASME Code, Section		t are correct		REPLACEM repair or replace		ms to th <del>e</del>
Type Code	Symbol Stamp			· · · ·	V/A		<u></u>
Certificate	of Authorization No.	<u> </u>	I/A	Expiration	Date	N/A	
Signed	N.J. Gel Owner or Own	er's Designee, Title	- 	Team Leader	Date	1/4/200	3
	· ·	CER	TIFICATE	OF INSERVICE INSPE			
Province of inspected to //~4	the componen →03 , and state	l employed by <u>Harti</u> ts described that to the best of (	ford Steam E in thi my knowled	<u>Boiler Inspection and Ir</u> is Owner's f lge and belief, the O	nsurance Co. of Report duri wner has perfo	sure vessel inspectors <u>Connecticut</u> of <u>Hartford</u> , ing the period_ prmed examinations and of the ASME Co	<u>Connecticut</u> have //-4/-03 d taken corrective
and corre	ctive measures des n any manneg for ar	cribed in this O ay personal injury	wners Re	port. Furthermor ty damage or a lo ssions <u>GA</u> 20	e, neither the ss of any kine 23	or Implied, concerning e Inspector nor his d arising from or cor Province and Endorsen	employer shall nnected with this
Date	11-4-03						

As Required By The Provisions Of The ASME Code Section XI

1 0	Couthorn Musicor	Opporting Comp		Date		Traveler # October 18, 2003	03089
1. Owner	Southern Nuclear	Name	bany			October 18, 2003	
	40 Inverness Cent	ter Parkway, Birn	ningham, A	L Sheet	1	of	1
2. Plant	Vogtle Electric Ge			Unit		1	
	Warmacham CA	Plant				4020208	• •
	Waynesboro, GA	Address	·	MWO#	Repair Or	10302685 ganization P.O. No., Jo	b No., etc.
					•	-	•
3. Work Pe	rformed by <u>Nuclear</u>	<u>Name</u>	ntenance			lant Vogtle .ddress	
I. Identifica	ation Of System			1208 / Chemical & Vo	niume Control	System	
	· ·						
5. (a) Applie (b) Applie	cable Construction C	Code <u>ASM</u>	E Section II	1977 Edition, Dr Replacements 1989	Winter 19	77 Addenda, <u>N-249</u>	<u>9-1</u> Code Ca
•••			-	. –			
5. Identifica	ation Of Components	s Repairs Or Rep	lacement C	omponents	•		
NAME	NAME	MANUFACTURER				REPAIRED,	ASME CODE
OF OMPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
PIPE	PULLMAN	N/A	N/A	V1-1208-002-H050	1987	REPLACEMENT	YES
SUPPORT	POWER PRODUCTS						
. •	onducted:	Hydrostatic	Pneumati	replaced with AD-501, s	ting Pressure		testing.
. •	onducted:		Pneumatie Pressure	c 🔲 Nominal Opera <u>N/A</u> PSI Test	ting Pressure Temp		testing.
8. Tests Co	N/A 🛛	Hydrostatic [] Other []	Pneumati Pressure CERTIFIC	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE	ting Pressure Temp		testing.
B. Tests Co	N/A 🛛	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp replaceme	N/A °F	testing. mns to the
3. Tests Co We certify les of the As	N/A 🖾 N/A 🖾 that the statements SME Code, Section X	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c [] Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp <i>replacem</i> epair or replace	N/A °F	
3. Tests Co We certify les of the As	N/A 🛛	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp <i>replacem</i> epair or replace	N/A °F	
We certify We certify les of the As pe Code Sy ertificate of J	that the statements SME Code, Section X mbol Stamp	Hydrostatic [] Other [] made in the repo	Pneumati Pressure CERTIFIC	c [] Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp <i>replacem</i> epair or replac	N/A °F	
We certify We certify les of the As pe Code Sy ertificate of J	that the statements SME Code, Section X mbol Stamp	Hydrostatic [] Other [] made in the repo	Pneumatic Pressure CERTIFIC ort are corre	c [] Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this  	ting Pressure Temp replaceme epair or replace te	ent confor cement N/A	
We certify les of the As pe Code Sy	that the statements SME Code, Section X mbol Stamp	Hydrostatic Other made in the repo	Pneumation Pressure CERTIFIC ont are correct	c 🔲 Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Da	ting Pressure Temp replaceme epair or replace te	ent confor cement N/A	
We certify We certify les of the As pe Code Sy ertificate of J	that the statements SME Code, Section 2 mbol Stamp Authorization No.	Hydrostatic [] Other [] made in the repo (I. N Tean (e S Designee, Title	Pneumatic Pressure CERTIFIC ont are corre	c 🔲 Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Da	ting Pressure Temp replaceme epair or replac te 2 c 2 0 0	ent confor cement N/A	
We certify les of the As pe Code Sy ertificate of J gned	that the statements SME Code, Section 2 mbol Stamp Authorization No Gwner or Owner?	Hydrostatic Other made in the reported to	Pneumatic Pressure CERTIFIC ont are corre	c [] Nominal Opera N/A PSI Test ATE OF COMPLIANCE act and this N/A Expiration Da pe DF INSERVICE INSPEC	ting Pressure Temp replaceme epair or replac te 2 c 2 0 c STION	ent confor cement N/A	rms to the
We certify We certify les of the As pe Code Sy ertificate of J gned	Inducted: N/A IM that the statements SME Code, Section A mbol Stamp Authorization No. Support of Owner Owner or Owner Signed, holding a val	Hydrostatic Other made in the reported in	Pneumatin Pressure CERTIFIC ont are corre	c [] Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp replaceme epair or replacement te 2 of 2 o of TION biller and Press and Insurance of	ent °F ent confor cement N/A	rms to the
We certify We certify les of the As pe Code Sy ertificate of J gned	Inducted: N/A IM that the statements SME Code, Section A mbol Stamp Authorization No. Money or Owner Signed, holding a val <u>Georgia</u> and emp have inspected the co	Hydrostatic Other made in the reported in	Pneumation Pressure CERTIFIC ont are correct I/A CRTIFICATE Construction State of the state of t	c DF INSERVICE INSPEC	ting Pressure Temp epair or replace te 2 c 2 0 0 TION biler and Press te 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EIN/A °F ent confor cement N/A N/A Sure Vessel Inspectors Co of Connecticut October	rms to the s and the State of <u>Hartford</u> 8, 2003
We certify We certify les of the As pe Code Sy ertificate of J gned	that the statements SME Code, Section 2 mbol Stamp Authorization No. Signed, holding a val ( <u>Georgia</u> and emp have inspected the co	Hydrostatic Other made in the reported in	Pneumatin Pressure CERTIFIC ont are corre	c DF INSERVICE INSPEC	ting Pressure Temp epair or replace te 2 c 2 0 0 TION biler and Press of Insurance of ng the period		rms to the s and the State of <u>Hartford</u> 8, 2003 ns and tests a
We certify les of the As rpe Code Sy ertificate of J gned	that the statements SME Code, Section A mbol Stamp Authorization No Signed, holding a val <u>Georgia</u> and emp have inspected the co 2.3, and state ive measures description	Hydrostatic Other made in the repord. made in the repord. Mathematical States of the set of t	Pneumatin Pressure CERTIFIC ort are correct I/A RTIFICATE C ssued by th artford Stea ribed in this of my kno	c DF INSERVICE INSPEC Nominal Operation Data N/A PSI Test ATE OF COMPLIANCE act and this N/A Expiration Data por INSERVICE INSPEC the National Board of	ting Pressure Temp replaceme epair or replace te 2 c 2 0 0 STION biler and Press ind Insurance of the period covmer has p the requirement		rms to the s and the State of <u>Hartford</u> 8, 2003 ns and tests a code, Section
We certify We certify les of the As pe Code Sy ertificate of J gned	that the statements N/A Image: SME Code, Section A mbol Stamp Authorization No Signed, holding a value in <u>Georgia</u> and emp have inspected the code page, and state ive measures description of the sector of the sec	Hydrostatic Other made in the repord. made in the repord. M Transformation is besignee, Title CER id commission is components desc that to the best ibed in this Owner the Inspecto	Pneumatic Pressure CERTIFIC ort are corre	c DF INSERVICE INSPECtion and belief, the sowner's Report durin wiedge and belief, the remployer makes any	ting Pressure Temp replaceme epair or replaceme te 2 2 2 0 0 TTION biler and Press ind Insurance of the period the period the very the second the requirements of the second warranty, e		rms to the s and the State of <u>Hartford</u> 8, 2003 ns and tests a code, Section concerning t
8. Tests Co We certify les of the AS ype Code Sy ertificate of J gned J I, the unders Province of <u>onnecticut</u> f <u>Joar</u> ken correcti y signing th aminations	that the statements N/A Image: SME Code, Section A mbol Stamp Authorization No Signed, holding a value in <u>Georgia</u> and emp have inspected the code of a, and state ive measures descri- his certificate, neith and corrective measures	Hydrostatic Other made in the repord. made in the repord. M Transformation is besignee, Title CER id commission is loyed by <u>Ha</u> components desc that to the best ibed in this Owner the Inspector sures described	Pneumatic Pressure CERTIFIC ort are corre I/A RTIFICATE C ssued by th artford Stea ribed in this of my kno ners Report	c DF INSERVICE INSPEC Nominal Operation Data N/A PSI Test ATE OF COMPLIANCE act and this N/A Expiration Data por INSERVICE INSPEC the National Board of	ting Pressure Temp replaceme epair or replaceme te 2 2 2 0 0 TION biler and Press ad Insurance of the period the period the requirement warranty, e more, neither		rms to the s and the State of <u>Hartford</u> 8, 2003 ns and tests a code, Section concerning t s employer sh
8. Tests Co We certify les of the AS ype Code Sy ertificate of J gned J I, the unders Province of <u>onnecticut</u> f <u>Joar</u> ken correcti y signing th aminations	that the statements N/A that the statements SME Code, Section A mbol Stamp Authorization No Signed, holding a val <u>Georgia</u> and emp have inspected the co 23, and state ive measures descri- his certificate, neith and corrective measures and manner for any	Hydrostatic Other made in the repord. made in the repord. M Transformation is besignee, Title CER id commission is loyed by <u>Ha</u> components desc that to the best ibed in this Owner the Inspector sures described	Pneumatin Pressure CERTIFIC ont are correct and Part are correct and Part Part Part Part Part Part Part Part	c DF INSERVICE INSPECtion and belief, the mployer makes any mers Report. Further riny damage or a loss	ting Pressure Temp replaceme epair or replaceme te 2 2 2 0 0 TION biler and Press ad Insurance of the period the period the requirement warranty, e more, neither		rms to the s and the State of <u>Hartford</u> 8, 2003 ns and tests a code, Section concerning f s employer sh
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8. Tests Co We certify les of the AS ype Code Sy ertificate of J gned J I, the unders Province of <u>onnecticut</u> f <u>Joar</u> ken correcti y signing th aminations	that the statements SME Code, Section D mbol Stamp Authorization No Signed, holding a val <u>Georgia</u> and emp have inspected the co comment of the company is certificate, neither and corrective mean inspector's Signature	Hydrostatic Other made in the repord made in the repord M CER besignee, Title CER boyed by <u>Ha</u> components desc that to the best bed in this Owner the Inspector sures described personal injury	Pneumatin Pressure CERTIFIC ont are correct and Part are correct and Part Part Part Part Part Part Part Part	c DF INSERVICE INSPECtion and belief, the mologer makes any mers Report. Further ray damage or a loss ons	ting Pressure Temp replaceme epair or replaceme te 2 c 2 0 0 TION biler and Press of Insurance of the period cowner has p the requireme warranty, e more, neither of any kind	N/A °F      N/A °F      confor     cement     N/A      N/A      Sure Vessel Inspectors     Co of Connectlcut     October     performed examination     nents of the ASME C      xpressed or implied,     r the Inspector nor hi     arising from or con	rms to the s and the State of <u>Hartford</u> 8, 2003 ns and tests a code, Section concerning t s employer sh nected with th

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

						Traveler #	03091
. Owner	Southern Nuclear	Operating Comp	any	Date		October 18, 2003	•
	40 Inverness Cen	Name ter Parkway, Birm	ningham, Al	L Sheet	1	of	1
2. Plant	Vogtle Electric G	Address enerating Plant		Unit		<u> </u>	
		Plant		 MWO #		10301159	
	Waynesboro, GA	Address			Repair Or	ganization P.O. No., Jo	ob No., etc.
3. Work Per	formed by <u>Nuclea</u>	r Operations Mair	ntenance		P	lant Vogtie	
		Name			Į.	Address	
4. Identificat	tion Of System _			1208 / Chemical & 1	Volume Contro	ol System	
	able Construction ( able Edition of Sect			1 1977 Edition, br Replacements 1989		977 Addenda, <u>N-24</u>	9-1 Code Cas
6. Identificat	tion Of Component	s Repairs Or Repl	lacement C	omponents			
NAME	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMPONENT	MANUFACTURER	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1208-002-H035	1987	REPLACEMENT	YES
				]			
,	N/A 🖾	Other 🔲	Pressure	<u>N/A</u> PSI Tes	t Temp.	N/A °F	
ules of the AS ype Code Syr ertificate of A	that the statements ME Code, Section 2 mbol Stamp Authorization No	made in the repo	CERTIFIC	ATE OF COMPLIANC	E replacem repair or repla A	ent confo	rms to the
ules of the AS ype Code Syr ertificate of A	that the statements ME Code, Section 3 mbol Stamp	made in the repo XI. N Trank s Designee, Title	CERTIFIC	ATE OF COMPLIANC	E replacem repair or repla A pate	ent confo cement	rms to the
ules of the AS ype Code Syr ertificate of A igned	that the statements ME Code, Section 2 mbol Stamp Authorization No Muthorization No Gener or Owner Gener or Owner ageorgia_ and emp ave inspected the c	made in the repo	CERTIFIC It are corre	ATE OF COMPLIANC act and this Expiration D e C 20 DF INSERVICE INSPE e National Board of E im Boiler Inspection a s Owner's Report dur	E replacem repair or repla A Pate CTION Boiler and Pres and Insurance ing the period	ent confo cement N/A 	s and the State of <u>Hartford</u> 8, 2003
I, the undersi r Province of A <u>connecticut</u> his <u>connecticut</u> his <u>connecticut</u> his <u>connecticut</u> his <u>connecticut</u> his <u>connecticut</u> his	that the statements ME Code, Section 2 mbol Stamp uthorization No. <u>Jacoba</u> Owner or Owner igned, holding a va <u>Georgia</u> and emp ave inspected the c 0.3, and state ve measures descr	made in the report N N S Designee, Title CER N CER N CER N CER N S Designee, Title CER N S Designee, Title CER N S Designee, Title CER N S Designee, Title S Designee, S	CERTIFIC It are corre	ATE OF COMPLIANC act and this	replacem repair or repla A Date CTION Boiler and Pres and Insurance ing the period be Owner has the requirer	ent confo cement N/A N/A sure Vessel Inspector Co of Connecticut October performed examinatio nents of the ASME C	s and the State of <u>Hartford</u> 8, 2003 ns and tests ar Code, Section 3
I, the undersir r Province of A connecticut aken correction y signing th cartions a e liable in ar	that the statements ME Code, Section 2 mbol Stamp uthorization No <i>Guiner or Owner</i> igned, holding a va <u>Georgia</u> and emp ave inspected the c 0.3, and state ve measures descri- is certificate, neith and corrective mea	made in the repo	CERTIFIC rt are corre	ATE OF COMPLIANC act and this	replacem repair or repla A Date CTION Boiler and Pres and Insurance ing the period he Owner has h the requirer by warranty, comore, neithe	ent confo cement N/A N/A sure Vessel Inspector: Co of Connecticut October performed examinatio	s and the State of <u>Hartford</u> 8, 2003 ns and tests ar code, Section 3 , concerning the s employer sha
ules of the AS ype Code Syr certificate of A igned I, the undersi r Province of <u>connect/cut</u> his <u>connect/cut</u> his <u>connect/cut his <u>connect/cut his <u>connect/cut his <u>connect/cut his <u>c</u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>	that the statements ME Code, Section 2 mbol Stamp Authorization No. <u>J Guellan</u> wher or Owner igned, holding a va <u>Georgia</u> and emp ave inspected the c 0.3, and state ve measures desci is certificate, neith and corrective mea ny manner for any <u>Guennace</u>	made in the repo XI. N S Designee, Title CER Id commission is bloyed by <u>Ha</u> omponents descri- that to the best ribed in this Own her the Inspector sures described personal injury	CERTIFIC rt are corre	ATE OF COMPLIANC act and this	replacem repair or repla A pate CTION Boiler and Pres and Insurance ing the period be Owner has p the requirer by warranty, e ermore, neithers of any kind	ent confo cement N/A N/A concernent N/A concernent <u>Co of Connecticut</u> <u>October</u> performed examinatio nents of the ASME Contexpressed or implied, r the Inspector nor hill arising from or contexpressed or contex	s and the State of <u>Hartford</u> 8, 2003 ns and tests ar Code, Section 3 , concerning the is employer sha inected with the
Index of the AS Type Code Syr Certificate of A Signed I, the undersion or Province of <u>Connecticut</u> has or <u>IO-21-c</u> aken correction By signing this examinations as the liable in articipation	that the statements ME Code, Section 2 mbol Stamp Authorization No Miner or Owner owner or Owner ave inspected the c 0.3, and state ve measures descu is certificate, neith and corrective mea ny manner for any	made in the repo XI. N S Designee, Title CER Id commission is bloyed by <u>Ha</u> omponents descri- that to the best ribed in this Own her the Inspector sures described personal injury	CERTIFIC rt are corre	ATE OF COMPLIANC act and this	replacem repair or repla A pate CTION Boiler and Pres and Insurance ing the period be Owner has p the requirer by warranty, e ermore, neithers of any kind	ent confo cement N/A N/A confo confocut	s and the State of <u>Hartford</u> 8, 2003 ns and tests ar Code, Section ) concerning the semployer sha inected with the

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As Required By The Provisions Of The ASME Code Section XI

							Traveler #	03092
						•		03032
1.	Owner	Southern Nuclear	Operating Com	pany	Date		October 15, 2003	
1		40 Inverness Cent	Name ter Parkway, Birr	mingham, A	 L Sheet	1	of	1
2.	Plant	Vogtle Electric Ge	Address enerating Plant		Unit		11	
		Waynesboro, GA	Plant				10302711	
		Traynesboro, 6A	Address	<u> </u>		Repair Or	ganization P.O. No., Jo	ob No., etc.
3.	Work Per	formed by Nuclear	r Operations Mai	intenance		P	lant Vogtle	
			Name		_**		ddress	
4.	Identifica	tion Of System			1302 / Auxiliary F	eedwater Sy	stem ·	·
5.		able Construction C able Edition of Sect			<pre>//1977 Edition, Dr Replacements 1989</pre>	Winter 19	177_Addenda, <u>N-24</u>	9-1 Code Ca
6.		tion Of Components		•	· · ·			
	NAME	NAME	MANUFACTURER	NATIONAL	1. 1		REPAIRED,	ASME CODE
COP	OF MPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	PIPE JPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1302-108-H017	1987	REPLACEMENT	YES
				1				
				L.				
_	Descriptie Tests Co	nducted:	er AD-501, serial Hydrostatic [] Other []	Pneumati			: 🗆	lesting.
8. ; 	Tests Co	nducted: N/A 🖾 that the statements	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c Nominal Opera	ting Pressure Temp replacem	e [] •F •F	<u>testing.</u> rms to the
8. /  ules	Tests Co We certify s of the AS	nducted: N/A 🖾 that the statements ME Code, Section 2	Hydrostatic 🗍 Other 🗍 made in the repo	Pneumati Pressure CERTIFIC	c Nominal Opera	ting Pressure Temp <i>replacem</i> epair or repla	e [] •F •F	
8. / ules	Tests Co We certify s of the AS e Code Syn	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp	Hydrostatic [] Other [] made in the repo	Pneumati Pressure CERTIFIC ort are corre	c   Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>r(</u> N/A	ting Pressure Temp replacem epair or repla	entconfo	
8. V ules Serti	Tests Co We certify s of the AS e Code Syn	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp authorization No	Hydrostatic [] Other [] made in the report (].	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera	ting Pressure Temp <i>replacem</i> epair or repla te	e [] •F •F	
B. V ules ype	Tests Co We certify to s of the AS e Code Syn ificate of A	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp	Hydrostatic [] Other [] made in the report (].	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>r(</u> N/AExpiration Da	ting Pressure Temp <i>replacem</i> epair or repla te	entconfo	
8. V ules ype	Tests Co We certify to s of the AS e Code Syn ificate of A	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp authorization No	Hydrostatic [] Other [] made in the report (I. <u>the source of the source</u>	Pneumati Pressure CERTIFIC ort are corre	c Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>r(</u> N/AExpiration Da	ting Pressure Temp replacem epair or repla te 	entconfo	
8. Vules ign	Tests Co We certify is s of the AS e Code Syn ificate of A hec	nducted: N/A IMIN that the statements ME Code, Section 2 mbol Stamp 	Hydrostatic [] Other [] made in the report (]. Pachogalic s Designee, Title CEF	Pneumati Pressure CERTIFIC ort are corre	c D Nominal Opera	ting Pressure Temp epair or repla te TION iller and Pres	entconfo cernent confo	rms to the
8. Vules ign	Tests Co We certify is s of the AS e Code Syn ificate of A hec	Inducted: N/A Image: N/A Image:	Hydrostatic [] Other [] made in the report (]. Pac s Designee, Title CEF lid commission i loyed by	Pneumati Pressure CERTIFIC ort are corre N/A RTIFICATE ( issued by the lartford Steel	c Nominal Opera	ting Pressure Temp epair or repla te TION iller and Pres	ent °F ent confo cement N/A sure Vessel Inspector Co of Connecticut	rms to the
8. Vules Fype Serti iign I, t Coni	Tests Co We certify is s of the AS e Code Syn ificate of A heck and a the unders rovince of <u>necticut</u> h 10-21-00	Inducted: N/A S Ithat the statements ME Code, Section 2 mbol Stamp Authorization No. Owner or Owner's Owner or Owner's igned, holding a val <u>Georgia</u> and emp ave inspected the co	Hydrostatic [] Other [] made in the report (]. Bas s Designee, Title CEF lid commission i loyed by omponents desc that to the best	Pneumati Pressure CERTIFIC ort are corre N/A RTIFICATE issued by th <i>lartford Stea</i> cribed in thi t of my kno	c Nominal Opera	ting Pressure Temp epair or repla te TION iller and Pres <u>of Insurance</u> ng the period Owner has	ent °F ent confo cement N/A sure Vessel Inspector Co of Connecticut October performed examinatio	rms to the s and the State of <u>Hartford</u> 9, 2003 ns and tests an
ules ype Certi iign I, t or Pr <u>Cont</u> o aket	Tests Co Ne certify is s of the AS e Code Syn ificate of A nection the unders rovince of <u>necticut</u> h <u>10-31-0</u> n correctin	Inducted: N/A S Ithat the statements IME Code, Section S mbol Stamp Authorization No. Owner or Owner's igned, holding a val <u>Georgia</u> and emp ave inspected the co S, and state ve measures descr	Hydrostatic Other made in the reported in this owned in the	Pneumati Pressure CERTIFIC ort are corre N/A RTIFICATE ( issued by th lartford Stea cribed in thi t of my knowners Repo	c Nominal Opera	ting Pressure Temp replacem epair or repla te TION biler and Pres <u>ad Insurance</u> 0 Whe period Owner has i the requirer	ent°F entconfo cementconfo cementconf	rms to the s and the State of <u>Hartford</u> 9, 2003 ns and tests a code, Section 2
8. Vules Sype Certi Sign I, t Son Son Saker Sy s Sxan	Tests Co Ne certify f s of the AS e Code Syn ificate of A nection of A nection of A $loc_{J-}$ n correction signing the ninations a iable in an	Inducted: N/A S Ithat the statements ME Code, Section 2 mbol Stamp authorization No. Owner or Owner? Owner or Owner? igned, holding a val <u>Georgia</u> and emp ave inspected the co 3, and state we measures descr is certificate, neith and corrective mea	Hydrostatic Other Other made in the repord. made in the repord. made in the repord. Mathematical States of the set of the test of tes	Pneumati Pressure CERTIFIC ort are corre N/A Date RTIFICATE ( issued by the <i>lartford Stea</i> cribed in thi t of my knowners Repoints t in this Ow	c Nominal Opera	ting Pressure Temp replacem epair or repla te TION iller and Pres <u>od Insurance</u> og the period Owner has the requirer warranty, e more, neither	ent of conformed examination nents of the Inspector nor his sector	rms to the s and the State 
8. Vules Sype Certi Sign I, t Son Son Saker Sy s Sxan	Tests Co Ne certify is s of the AS e Code Syn ificate of A nection in the unders rovince of <u>necticut</u> h lo-al-onn correctinsigning the innations is	Inducted: N/A S Ithat the statements ME Code, Section 2 mbol Stamp authorization No. Owner or Owner? Owner or Owner? igned, holding a val <u>Georgia</u> and emp ave inspected the co 3, and state we measures descr is certificate, neith and corrective mea	Hydrostatic Other Other made in the repord. made in the repord. made in the repord. Mathematical States of the set of the test of tes	Pneumati Pressure CERTIFIC ort are corre N/A Date RTIFICATE issued by the fartford Stea Cribed in thi t of my know where Repo or nor his d in this Ow y or prope	c Nominal Opera	ting Pressure Temp replacem epair or repla te TION iller and Pres <u>od Insurance</u> og the period Owner has the requirer warranty, e more, neither	ent of conformed examination nents of the Inspector nor his sector	rms to the s and the State 
8. Vules ign I, t cr Pr con con con con con con con con con con	Tests Co Ne certify f s of the AS e Code Syn ificate of A nection of A nection of A $loc_{J-}$ n correction signing the ninations a iable in an	Inducted: N/A S Ithat the statements ME Code, Section 2 mbol Stamp authorization No. Owner or Owner? Owner or Owner? igned, holding a val <u>Georgia</u> and emp ave inspected the co 3, and state we measures descr is certificate, neith and corrective mea	Hydrostatic Other made in the reported in	Pneumati Pressure CERTIFIC ort are corre N/A Date RTIFICATE issued by the fartford Stea Cribed in thi t of my know where Repo or nor his d in this Ow y or prope	c Nominal Opera	ting Pressure Temp replacem epair or repla te TION biler and Pres of Insurance of Insurance of Insurance the period Owner has the requirer warranty, e more, neither of any kind	ent of conformed examination nents of the Inspector nor his sector	rms to the s and the State 
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As Required By The Provisions Of The ASME Code Section XI

1. Ow								· ·
	wner	Southern Nuclear	Operating Comp	oany	Date		October 15, 2003	
~		40 Inverness Cent	Name ter Parkway, Birn	ningham, A	 L Sheet	1	of	1
2. Pla	lant	Vogtle Electric Ge			Unit		1	
		Waynesboro, GA	Plant 30830		MWO #		10302710	
			Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3. Wa	ork Perf	ormed by <u>Nuclear</u>	<i>r Operations Mai</i> Name	ntenance			lant Vogtle Iddress	<u></u>
4. Ide	entificat	ion Of System			1204 / Safety In	jection Syste		
		able Construction C ble Edition of Sect			/ 1977 Edition, Dr Replacements 19 <u>89</u>	Winter 19	77 Addenda, <u>N-24</u>	-1 Code Ca
6. Ide	entificat	ion Of Components	s Repairs Or Rep	lacement C	omponents			
NAN OF COMPO	)F	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO
	PE	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1204-246-H001	1987	REPLACEMENT	YES
				<u>;                                    </u>				
	-	iducted:		Pneumati	placed with AD-43, ser c [] Nominal Opera NAPSI Test		: 🗆	<u>ting.</u>
	-	iducted:	Hydrostatic 🔲	Pneumati Pressure	c 🔲 Nominal Opera	ting Pressure Temp.	: 🗆	<u>ting.</u>
8. Te	ests Con	N/A 🛛 ·	Hydrostatic Other made in the repo	Pneumatic Pressure CERTIFIC	c [] Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp replacem	•  •F	<u>ting.</u> rms to the
8. Te	ests Con certify the ASI	N/A 🛛 ·	Hydrostatic Other made in the repo	Pneumatic Pressure CERTIFIC	c [] Nominal Opera N/A PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp <i>replacem</i> epair or repla	•  •F	
8. Te We c rules of Type Co	certify ti f the ASI	hducted: N/A 🛛 hat the statements ME Code, Section )	Hydrostatic Other made in the repo	Pneumatic Pressure CERTIFIC	c [] Nominal Operat <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this	ting Pressure Temp <i>replacem</i> epair or repla	•  •F	
8. Te We of rules of Type Co Certifica	certify the ASI	hat the statements ME Code, Section ) hool Stamp	Hydrostatic   Other  made in the report  .	Pneumatic Pressure CERTIFIC ort are corre	c [] Nominal Operat <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this re N/A	ting Pressure Temp <i>replacem</i> epair or repla	Printer Print	
8. Te We c rules of Type Co Certifica	certify the ASI	haducted: N/A 🛛 hat the statements ME Code, Section X nbol Stamp	Hydrostatic Other made in the reported to	Pneumatic Pressure CERTIFIC ort are corre	c [] Nominal Operat N/A PSI Test ATE OF COMPLIANCE ect and this N/AExpiration Dat e	ting Pressure Temp replacem epair or repla te 1_3	Printer Print	
8. Te We c rules of Type Co Certifica Signed	certify the ASI to the	haducted: N/A 🖾 hat the statements ME Code, Section ) hool Stamp uthorization No. Owner or Owner's	Hydrostatic Other made in the reported to	Pneumatic Pressure CERTIFIC ort are corre	C [] Nominal Operat N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Dat e DF INSERVICE INSPEC	ting Pressure Temp replacem epair or repla te T_3	entconfo cerpentconfo	rms to the
8. Te We of rules of Type Co Certifica Signed I, the o	certify the ASI to the	haucted: N/A 🖾 hat the statements ME Code, Section ) hool Stamp uthorization No. Coviner or Owner's Owner or Owner's Georgia_ and emp	Hydrostatic Other made in the reported in	Pneumatic Pressure CERTIFIC ort are corre	C [] Nominal Operat N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Dat e DF INSERVICE INSPEC we National Board of Board Source and Sour	ting Pressure Temp epair or repla te T_3 TION biler and Pres	ent •F ent confo cerpent N/A N/A sure Vessel Inspector: Co of Connecticut	rms to the
8. Te We c rules of Type Co Certifica Signed I, the t or Provi	certify the ASI code Sym	nducted: N/A 🖾 hat the statements ME Code, Section ) mbol Stamp uthorization No. Owner or Owner's Georgia_ and emp ave inspected the co	Hydrostatic Other made in the reported in	Pneumatic Pressure CERTIFIC ort are corre	C [] Nominal Operat N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Dat e DF INSERVICE INSPEC the National Board of Board Source of States of St	ting Pressure Temp epair or repla te, T 3 TION biler and Pres <u>ad Insurance</u> ng the period	ent •F ent confo cerpent confo N/A	rms to the s and the State _ of <u>Hartford</u> 9, 2003
8. Te We c rules of Type Co Certifica Signed Signed I, the to or Provi <u>Connect</u> to _/0-	certify the ASI code Sym	Aducted: N/A A hat the statements ME Code, Section ) abol Stamp withorization No. Owner or Owner's Georgia_and emp ave inspected the co 3, and state	Hydrostatic Other made in the reported in	Pneumatic Pressure CERTIFIC ort are corre	C [] Nominal Operat N/A PSI Test ATE OF COMPLIANCE ect and this N/A Expiration Dat e DF INSERVICE INSPEC we National Board of Board Source and Sour	ting Pressure Temp epair or repla te TION biler and Pres <u>of Insurance</u> og the period	ent •F ent confo cerpent N/A Sure Vessel Inspector Co of ConnecticutOctober performed examinatio	rms to the s and the State of <u>Hartford</u> 9, 2003 ns and tests a
8. Te We of rules of Type Co Certifica Signed Signed I, the of or Provit <u>Connect</u> to <u>10-</u> taken co By sign examina	certify the f the ASI ode Syn ate of Au contention contention corrective ning this	haucted: N/A hat the statements ME Code, Section A mbol Stamp uthorization No. Wher or Owner's gned, holding a val <u>Georgia</u> and emp ive inspected the co 3, and state re measures descr s certificate, neith nd corrective mea	Hydrostatic Other made in the repord. made in the repord. Mage S Designee, Title CEF lid commission i loyed by <u>H</u> omponents desc that to the best ibed in this Owner the Inspector sures described	Pneumatic Pressure CERTIFIC ort are corre V/A Dat RTIFICATE ( ssued by th <u>artford Stea</u> ribed in this t of my knowners Reports in this Ow	c [] Nominal Operat N/A PSI Test ATE OF COMPLIANCE ect and this TO N/A Expiration Dat e DF INSERVICE INSPEC the National Board of Bo the Boller Inspection and s Owner's Report during wledge and belief, the rt in accordance with employer makes any mers Report. Further	ting Pressure Temp replacem epair or repla te Tion te Tion biler and Pres <u>of Insurance</u> og the period owner has p the requirer warranty, e more, neithe		s and the State of <u>Hartford</u> 9,2003 ns and tests a code, Section concerning s employer sl
8. Te We of rules of Type Co Certifica Signed Signed I, the of or Provit <u>Connect</u> to <u>10-</u> taken co By sign examina	certify the f the ASI ode Syn ate of Au cince of <u>cricut</u> ha correctiv ning thi ations a le in an	Aducted: N/A A hat the statements ME Code, Section A mbol Stamp withorization No. When or Owner's gned, holding a val <u>Georgia</u> and emp ive inspected the co 3, and state re measures descr s certificate, neith and corrective mea by manner for any	Hydrostatic Other Other made in the repord. made in the repord. Mage S Designee, Title CEF lid commission i loyed by <u>H</u> omponents described that to the best ibed in this Owner the Inspector sures described personal injury	Pneumatic Pressure CERTIFIC ort are corre U/A Dat RTIFICATE O ssued by th artford Stea ribed in this of my knowners Report or nor his in this Owners	c       Nominal Operation         N/A       PSI       Test         ATE OF COMPLIANCE       Test         ect and this       Test	ting Pressure Temp replacem epair or repla te Tion te Tion biler and Pres <u>of Insurance</u> og the period owner has p the requirer warranty, e more, neithe		s and the State of <u>Hartford</u> 9,2003 ns and tests a code, Section concerning s employer sl
8. Te We of rules of Type Co Certifica Signed Signed I, the of or Provi <u>Connect</u> to <u>10-</u> taken co By sign examina be liable	certify the f the ASI f the ASI code Sym cate of Au code Sym code Sym cate of Au code Sym code Sym cate of Au code Sym cate of Au code Sym cate of Sym code Sy	haucted: N/A hat the statements ME Code, Section A mbol Stamp uthorization No. Wher or Owner's gned, holding a val <u>Georgia</u> and emp ive inspected the co 3, and state re measures descr s certificate, neith nd corrective mea	Hydrostatic Other made in the reporder the reporder of the	Pneumatic Pressure CERTIFIC ort are corre U/A Dat RTIFICATE O ssued by th artford Stea ribed in this of my knowners Report or nor his in this Owners	c       Nominal Operation         N/A       PSI       Test         ATE OF COMPLIANCE       Test         ATE OF COMPLIANCE       N/A         ect and this       Test         N/A       N/A         Expiration Date       N/A         OF INSERVICE INSPECtion and solver's Report during         Somer's Report during         wiedge and belief, the operation of the operating the operation of the operation of the operation of	ting Pressure Temp replacem. epair or repla te Tion biler and Press of Insurance of the period Owner has the requirer warranty, e more, neither of any kind		s and the State of <u>Hartford</u> 9, 2003 ns and tests a code, Section concerning s employer st nected with t

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

						Traveler #	03094
1. Owner	Southern Nuclear		any	Date		October 15, 2003	
	40 Inverness Cen		ningham, Al	L	1	of	1
2. Plant	Vogtle Electric G	Address enerating Plant		Unit		1	
	Waynesboro, GA	Plant 30830		 		10302697	
	<u></u>	Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3. Work Per	formed by <u>Nuclea</u>	r Operations Mair	ntenance		. P	lant Vogtle	
		Name			- F	Address	• —
4. Identifica	tion Of System		· · · · · · · · · · · · · · · · · · ·	1301 / Main	Steam Systen	n	
(b)Applic		ion XI Utilized Fo	•	r Replacements 1989		977Addenda, <u>8249</u>	<u>1</u> Code Ca
	tion Of Component			omponents		1 1	
NAME OF		MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMPONENT PIPE	MANUFACTURER PULLMAN	NO. N/A	NO. N/A	IDENTIFICATION V1-1301-176-H003	BUILT 1987	REPLACEMENT REPLACEMENT	(YES OR NO YES
SUPPORT	POWER PRODUCTS						
				· · · · · · · · · · · · · · · · · · ·			
7. Description 8. Tests Co			Pneumati	c 🗌 Nominal Oper			esting.
8. Tests Co	nducted: N/A 🖾	Hydrostatic 🗍 Other 🗍	Pneumatic Pressure CERTIFIC	c Nominal Oper	ating Pressure t Temp E	₽ [] •F	
8. Tests Co	nducted:	Hydrostatic [] Other [] made in the repo	Pneumatic Pressure CERTIFIC	c D Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this	ating Pressure	• [] 	e <u>sting.</u> ms to the
8. Tests Co	nducted: N/A 🖾 that the statements ME Code, Section 2	Hydrostatic [] Other [] made in the repo	Pneumatic Pressure CERTIFIC	c I Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this	ating Pressure t Temp E <u>replacem</u>	• [] 	
8. Tests Co We certify f rules of the AS Type Code Syn	nducted: N/A 🖾 that the statements ME Code, Section 2	Hydrostatic [] Other [] made in the repo	Pneumatic Pressure CERTIFIC	c I Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ect and this	ating Pressure t Temp E <u>replacem</u> repair or repla	• [] 	
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8. Tests Co We certify f rules of the AS Type Code Syn Certificate of A Signed	Inducted: N/A Ithat the statements ME Code, Section 2 mbol Stamp uthorization No. Wher or Owner Gwmer or Owner igned, holding a va <u>Georgia</u> and emp	Hydrostatic [] Other [] made in the repo KI. <u>N</u> <u>Ca</u> <u>s Designee, Title</u> CER lid commission is bloyed by <u>Ha</u>	Pneumation Pressure CERTIFIC ort are correction I/A CTIFICATE Consult Ssued by the artford Stea	C Nominal Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ATE OF COMPLIANC ATE OF COMPLIANC Explicit N/A Explicit N/A PSI Tes N/A PSI Tes PSI Tes	ating Pressure t Temp E <u>replacem</u> repair or repla A ate 203 2 CTION coller and Pres	e [] <u>N/A</u> •F <u>ent</u> confor cement <u>N/A</u> sure Vessel Inspectors Co of Connecticut	πs to the
8. Tests Co We certify trules of the AS Type Code Syn Certificate of A Signed	Inducted: N/A Inducted: N/A Inducted:	Hydrostatic [] Other [] made in the report Kl. <u>National Science</u> S Designee, Title CER lid commission is bloyed by <u>Ha</u> components desci- that to the best	Pneumatic Pressure CERTIFIC ort are corre	c       Nominal Oper         N/A       PSI       Tes         ATE OF COMPLIANC       State         ect and this       N/A         Expiration D       Expiration D         e       916/0         DF INSERVICE INSPE       Nominal Board of B         Im Boller Inspection a       s Owner's Report dur         wiedge and belief, th	ating Pressure t Temp E repair or repla ate 2 0 3 CTION coiler and Pres ing the period be Owner has	e [] <u>N/A</u> •F <u>ent</u> confor cement <u>N/A</u> ssure Vessel Inspectors <u>Co of Connecticut</u> <u>October 1</u> performed examination	ms to the and the State of <u>Hartford</u> 9, 2003 ns and tests a
8. Tests Co We certify fules of the AS Type Code Syn Certificate of A Signed	Inducted: N/A Inducted: N/A Inducted:	Hydrostatic [] Other [] made in the report Kl. <u>Name of the second</u> S Designee, Title CER bid commission is bloyed by <u>Ha</u> components descripted in this Own	Pneumatic Pressure CERTIFIC ort are corre	c       Nominal Oper         N/A       PSI       Tes         ATE OF COMPLIANC       Sect and this       N/A         ect and this       N/A       Sect and this         Expiration D       Expiration D       Sect and this         Expiration D       Sect and this       Sect and this         DF INSERVICE INSPE       Section al Board of B       Section al Board of B         So Owner's Report dur       Section and belief, the section all	ating Pressure t Temp E repair or repla ate 203 2 CTION coller and Pressure ing the period re Owner has h the requirer	e [] <u>N/A</u> •F ent confor cement N/A Sure Vessel Inspectors <u>Co of Connecticut</u> <u>October 1</u> performed examination ments of the ASME C	and the State of <u>Hartford</u> 9, 2003 ns and tests a ode, Section
8. Tests Co We certify fules of the AS Type Code Syn Certificate of A Signed	Inducted: N/A Ithat the statements ME Code, Section 2 mbol Stamp uthorization No. Georgia and emp ave inspected the co 23, and state we measures descri- is certificate, neith	Hydrostatic Other Other made in the reported in the repo	Pneumatic Pressure CERTIFIC ort are corre	c       Nominal Oper         N/A       PSI       Tes         ATE OF COMPLIANC       SCOMPLIANC         ect and this       N/A         Expiration D       Expiration D         e       91.6         DF INSERVICE INSPE       Nomer's Report dur         wledge and belief, the trip accordance with       employer makes an mers Report. Further	ating Pressure t Temp E replacem repair or repla ate 203 7 CTION coiler and Pres <u>and Insurance</u> ing the period the Owner has h the requirer y warranty, e	e [] <u>N/A</u> •F <u>ent</u> confor cement <u>N/A</u> ssure Vessel Inspectors <u>Co of Connecticut</u> <u>October 1</u> performed examination nents of the ASME C expressed or implied, r the Inspector nor his	and the State of <u>Hartford</u> 9, 2003 ns and tests a ode, Section concerning s employer sh
8. Tests Co We certify fules of the AS Type Code Syn Certificate of A Signed	Inducted: N/A Ithat the statements ME Code, Section 2 mbol Stamp uthorization No. Georgia and emp ave inspected the co 23, and state we measures descri- is certificate, neith	Hydrostatic Other Other made in the reported in the repo	Pneumatic Pressure CERTIFIC ort are corre	c       Nominal Oper         N/A       PSI       Tes         ATE OF COMPLIANC       Sect and this       N/A         ect and this       N/A         Expiration D       Expiration D         e       OF INSERVICE INSPE         e National Board of B       Boiler Inspection a         so Owner's Report dur       wledge and belief, the         rt in accordance with       employer makes an         mers Report. Further       further         rty damage or a los       so	ating Pressure t Temp E replacem repair or repla ate 203 7 CTION coiler and Pres <u>and Insurance</u> ing the period the Owner has h the requirer y warranty, e	e [] <u>N/A</u> *F ent confor cement N/A Sure Vessel Inspectors <u>Co of Connecticut</u> <u>October 3</u> performed examination ments of the ASME C expressed or implied,	and the State of <u>Hartford</u> 9, 2003 ns and tests a ode, Section concerning s employer sl
8. Tests Co We certify frules of the AS Type Code Syn Certificate of A Signed	Inducted: N/A Ithat the statements ME Code, Section 2 mbol Stamp uthorization No. Georgia and emp ave inspected the co 23, and state we measures descri- is certificate, neith	Hydrostatic Other made in the reported in	Pneumatic Pressure CERTIFIC ort are corre	c       Nominal Oper         N/A       PSI       Tes         ATE OF COMPLIANC       State         act and this       N/A	ating Pressure t Temp E repair or repla ate 200 ? CTION coiler and Press and Insurance ing the period be Owner has the requirer y warranty, e rmore, neithe s of any kind	e [] <u>N/A</u> •F <u>ent</u> confor cement <u>N/A</u> ssure Vessel Inspectors <u>Co of Connecticut</u> <u>October 1</u> performed examination nents of the ASME C expressed or implied, r the Inspector nor his	and the State of <u>Hartford</u> 9,2003 ns and tests a ode, Section concerning t s employer st nected with t
8. Tests Co We certify frules of the AS Type Code Syn Certificate of A Signed	Inducted: N/A N/A Ithat the statements ME Code, Section Inbol Stamp withorization No. Whorization No. Whorization No. Whorization No. Where or Owner igned, holding a va <u>Georgia</u> and emp ave inspected the co 23, and state we measures descu is certificate, neith and corrective mean ny manner for any Manuer	Hydrostatic Other made in the reported in	Pneumatic Pressure CERTIFIC ort are corre	c       Nominal Oper         N/A       PSI       Tes         ATE OF COMPLIANC       State         act and this       N/A	ating Pressure t Temp E repair or repla ate 200 ? CTION coiler and Press and Insurance ing the period be Owner has the requirer y warranty, e rmore, neithe s of any kind	e [] <u>N/A</u> •F <u>ent</u> confor cement <u>N/A</u> ssure Vessel Inspectors <u>Co of Connecticut</u> <u>October 3</u> performed examination ments of the ASME C expressed or implied, r the Inspector nor his d arising from or cont	ms to the and the State of <u>Hartford</u> 9,2003 ns and tests a ode, Section concerning s employer sl nected with t

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As Required By The Provisions Of The ASME Code Section XI Traveler # 03096 November 17, 2003 1. Owner Southern Nuclear Operating Company Date Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 1 of Address Vogtle Electric Generating Plant Unit 2. Plant Plant MWO# 10300058 Waynesboro, GA 30830 Address Repair Organization P.O. No., Job No., etc. 3. Work Performed by <u>Nuclear Operations Maintenance</u> **Plant Vogtle** Name Address 4. Identification Of System 1205 / Residual Heat Removal System (a) Applicable Construction Code ASME Section III Winter 1977 Addenda, 1977 Edition. N/A 5. Code Case (b)Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989 6. Identification Of Components Repairs Or Replacement Components NAME MANUFACTURER NATIONAL REPAIRED. NAME ASME CODE BOARD OF OF SERIAL OTHER YEAR REPLACED OR STAMPED MANUFACTURER **IDENTIFICATION** COMPONENT NO. NO. BUILT REPLACEMENT (YES OR NO) K661570/9/02 INGERSOLL-N/A 1N514 1999 REPLACEMENT Mechanical YES DRESSER Seal Gland 7. Description Of Work Replace Mechanical Seal Gland 8. Tests Conducted: Hydrostatic 🔲 Pneumatic 🔲 Nominal Operating Pressure 🔲 Pressure N/A PSI N/A 🖾 Other Test Temp. N/A 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 N/A N/A **Certificate of Authorization No. Expiration Date** ean 00 Date Signed *U* 11/110 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 Hartford Steam Boller Inspection and Insurance Co of Connecticut or Province of Georgia and employed by of Hartford Connecticut have inspected the components described in this Owner's Report during the period October 10, 2003 to \_//-/7-0.3\_\_\_\_, 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 Commissions GA 20.3 manan National Board, State, Province and Endorsements Inspector's Signature 11-17-03 Date

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

						Traveler #	03097
<b>^</b>	Southern Nuclear	Operating Com-	2017	Date		October 15, 2003	
. Owner	······	Name		Date			
	40 Inverness Cent	ter Parkway, Birn Address	ningham, AL	Sheet	1	of	1
2. Plant	Vogtle Electric Ge	enerating Plant	· · · · · · · · · · · · · · · · · · ·	Unit		1	- <u></u>
	Waynesboro, GA	Plant 30830		MWO #	•	10302733	
		Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3. Work Per	formed by Nuclear	r Operations Mail	ntenance		P	iant Vogtle	
		Name			A	ddress	
4. Identifica	tion Of System _	<u></u>		1301 / Main	Steam System	1	
(b)Applic	able Construction ( able Edition of Sect	ion XI Utilized Fo	-	r Replacements 1989	Winter 19	177_Addenda, <u>N-249</u>	<u>-1</u> Code (
NAME	NAME	MANUFACTURER				REPAIRED,	ASME COL
OF	OF '	SERIAL	BOARD	OTHER	YEAR	REPLACED OR	STAMPED
COMPONENT PIPE	MANUFACTURER PULLMAN	NO. N/A	NO. N/A	IDENTIFICATION V1-1301-108-H004	BUILT 1987	REPLACEMENT REPLACEMENT	(YES OR N YES
SUPPORT	POWER PRODUCTS				*		
						1	
		L			<u>_</u>		(
Ĵ	N/A 🖾	Other		Nominal Oper	ating Pressure		·
	N/A 🛛 that the statements GME Code, Section 3	Other	Pressure	<u>N/A</u> PSI Tes	t Temp	<u>N/A</u> °F	ms to the
rules of the AS	that the statements SME Code, Section 3	Other	Pressure	<u>N/A</u> PSI Tes	t Temp E replacem repair or repla	<u>N/A</u> °F	ms to the
rules of the AS Type Code Sy	that the statements SME Code, Section 3 mbol Stamp	Other made in the repo	Pressure CERTIFICA	<u>N/A</u> PSI Test ATE OF COMPLIANC ct and this 	t Temp E <i>replacem</i> repair or repla	<u>N/A</u> °F entconfor cement	ms to the
rules of the AS Type Code Sy Certificate of A	that the statements SME Code, Section 3	Other [] made in the repo	Pressure CERTIFICA ort are correct	N/A PSI Test ATE OF COMPLIANCE Ct and this N// Expiration D	t Temp E replacem repair or repla	<u>N/A</u> °F	ms to the
rules of the AS Type Code Sy Certificate of A	that the statements SME Code, Section 3 mbol Stamp Authorization No	Other	Pressure CERTIFICA ort are correct	<u>N/A</u> PSI Test ATE OF COMPLIANC ct and this N// Expiration D	t TempE  replacem repair or repla A ate d	<u>N/A</u> °F entconfor cement	ms to the

As Required By The Provisions Of The ASME Code Section XI

							Traveler #	03102
۰.	Owner	Southern Nuclear		any	Date		October 23, 2003	
		40 Inverness Cen		ningham, A	LSheet	1	of	1
2.	Plant	Vogtle Electric Ge			Unit		1	=
		Waynesboro, GA	Plant 30830		MWO #		10302743	
			Address			Repair Or	ganization P.O. No., Jo	ob No., etc.
3.	Work Per	formed by <u>Nuclear</u>	<u>r Operations Main</u> Name	ntenance	·		lant Vogtle	
4.	Identifica	tion Of System			1302 / Auxilliary	-		
		able Construction (		E Section II			) 77 Addenda, <i>N-24</i>	
9.					r Replacements 19 <u>89</u>		<u>111_</u> Addenda, <u>11-24</u>	
6.	Identifica	tion Of Component	s Repairs Or Rep	lacement C	omponents			
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.		YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	PIPE UPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V1-1302-108-H019	1987	REPLACEMENT	YES
					· · · · · · · · · · · · · · · · · · ·			
7. 8 <i>.</i>	Description Tests Co	nducted:	Hydrostatic 🔲	Pneumati	c 🔲 Nominal Opera	ting Pressure		testing.
	•	nducted:		Pneumati Pressure	c 🗌 Nominal Opera	nting Pressure	: []	testing.
8. /	Tests Co	nducted:	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE	nting Pressure	ent confo	<u>testing.</u> rms to the
8. / / ule:	Tests Co We certify s of the AS	nducted: N/A 🛛	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c  Nominal Opera N/A PSI Test ATE OF COMPLIANCE	ting Pressure Temp 	ent confo	
8. / ule:	Tests Co We certify s of the AS e Code Syn	nducted: N/A 🖾 that the statements ME Code, Section 3	Hydrostatic Other made in the repo	Pneumati Pressure CERTIFIC	c   Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>N/A</u> <u>Expiration Da</u>	ting Pressure Temp <i>replacem</i> epair or repla	ent confo	
8. / ule: ·yp	Tests Co We certify s of the AS e Code Syn	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp	Hydrostatic Other made in the repo XI. N <i>Team</i>	Pneumati Pressure CERTIFIC rt are corre	c   Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>N/A</u> <u>Expiration Da</u>	ting Pressure Temp 	ent confo	
8.	Tests Co We certify s of the AS e Code Syn lificate of A	nducted: N/A 🖾 that the statements ME Code, Section 2 mbol Stamp Authorization No. B Gueles	Hydrostatic Other made in the report XI. N S Designee, Title	Pneumatie Pressure CERTIFIC of are corre	c   Nominal Opera <u>N/A</u> PSI Test ATE OF COMPLIANCE ect and this <u>N/A</u> <u>Expiration Da</u>	ting Pressure Temp replacem epair or repla te 4/2 os 3	ent confo	
8. Tule: Fype Cert Sign I, 1 Dor Pi Con	Tests Co We certify s of the AS e Code Syn lificate of A necticate of A the unders rovince of <u>mecticut</u> h	nducted: N/A that the statements iME Code, Section 2 mbol Stamp Authorization No. Money or Owner where or Owner where or Owner where or Owner ave inspected the code of the code of the co	Hydrostatic Other made in the reporder the repord of the repord of the reporder the reporder the reporder the reporder the reporder to the reporder the reporder to the repord of the reporder to the repo	Pneumatii Pressure CERTIFIC Int are corre	c       Nominal Opera         N/A       PSI       Test         ATE OF COMPLIANCE       ATE OF COMPLIANCE         ect and this	ting Pressure Temp epair or repla te <u>4/2.cs_3</u> CTION biler and Pres <u>nd Insurance</u> ng the period cowner has	ent °F confo cement confo	rms to the s and the State of <u>Hartford</u> 12, 2003 ns and tests a
8. Tule: Fype Cert Sign I, 1 or P Con ake By :: Sar	Tests Co We certify s of the AS e Code Syn dificate of A nection the unders rovince of <u>mecticut</u> h $\frac{10-27-0}{10}$ in correcti signing the ninations	nducted: N/A hat the statements ME Code, Section 2 mbol Stamp Authorization No. Mener or Owner winer or Owner winer or Owner winer or Owner ave inspected the c 3, and state we measures describing a variant is certificate, neith and corrective mean ny manner for any	Hydrostatic Other Other made in the report made in the report N S Designee, Title CER biologed by <u>Ha</u> components desc that to the best ribed in this Own her the Inspecton sures described	Pneumatic Pressure CERTIFIC of are corre	c       Nominal Opera         N/A       PSI       Test         ATE OF COMPLIANCE       ATE OF COMPLIANCE         ect and this       n	ting Pressure Temp replacem epair or repla the <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u> <u>the</u>	ent°F entconfo cement N/A sure Vessel Inspector Co of ConnecticutOctober performed examinatio	rms to the s and the State of <u>Hartford</u> 12, 2003 ns and tests a code, Section s employer sh
8. Tule: Typ: Cert Sign I, 1 Con Con L, 2 Con Con Con Con Con Con Con Con	Tests Co We certify s of the AS e Code Syn lificate of A necticut of A mecticut of A D = 27 - C n correcti signing the ninations i iable in a	nducted: N/A hat the statements ME Code, Section 2 mbol Stamp Authorization No. Mener or Owner winer or Owner winer or Owner winer or Owner ave inspected the c 3, and state we measures describing a variant is certificate, neith and corrective mean ny manner for any	Hydrostatic Other made in the report made in the report N S Designee, Title CER bio commission is components desc is that to the best ribed in this Ow her the Inspecto is ures described y personal injury	Pneumatic Pressure CERTIFIC of are corre	c       Nominal Opera         N/A       PS1       Test         ATE OF COMPLIANCE       ATE OF COMPLIANCE         ect and this       r	ting Pressure Temp epair or repla epair or repla the <u>cTION</u> biler and Press <u>ind Insurance</u> ing the period cowner has the requirer warranty, e more, neither of any kind	e  N/A °F  ent confo cement N/A  sure Vessel Inspector Co of Connecticut Cotober performed examinatio nents of the ASME Ce expressed or implied, r the Inspector nor hi	rms to the s and the State of <u>Hartford</u> 12, 2003 ns and tests a code, Section concerning t is employer sh inected with th

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## ORIGINAL

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

			•			Traveler #_0310	)3
. Owner	Southern Nuc	lear Operating Co	ompany	Date	<u> </u>	10/18/03	
	40 Inverness Cent	Name er Parkway, Birmir	ngham, Ala.	Sheet	1	Of	1
2. Plant	Vogtle Elec	ctric Generating F	Plant	Unit		1	
	Wayne	<u>sboro, GA 30830</u> Address	)	MWO #	Repair Org	10302744 janization P.O. No., Jo	b No., etc.
3. Work P	erformed by <u>Nucle</u>	ear Operations Ma Name	intenance	·		ant Vogtle Address	<u>_</u>
4. Identif	ication Of System	<del></del>		1208 / Cl	harging System		
(b)App	Dicable Constructi licable Edition of S ication Of Compon	Section XI Utilized	·	Or Replacements 19	<u>Winter 77</u> Ado <u>39</u>	denda, <u>N-249-1</u>	Code Case
NAME	NAME	MANUFACTURER				REPAIRED,	ASME CODE
	the second s	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
PIPE SUPPORT	Pullman Power Products	N/A	N/A	1-1208-011-H045	1987	REPLACEMENT	YES
N/A	N/A	N/A	N/A	N/A	N/A	N/A ·	N/A
rules of the	N/A X hat the statements ASME Code, Secti Symbol Stamp			CATE OF COMPLIAN	t Temp CE <i>REPLACEME</i> Repair or replace N/A		rms to the
	f Authorization No		N/A	Expiration D	······································	N/A	
Signed	1 Geseld	TeanCea er's Designee, Tit	Date Date	; (		3 18 UBC 101	20/03
			CERTIFICATE	OF INSERVICE INSP	ECTION		· · · ·
Province of the compo to <u>10-21</u> corrective t By signing examination	<u>Georgia</u> and en nents described <u>-03</u> , and measures describ this certificate, r and corrective	mployed by <u>Hartf</u> in this Owner state that to the ed in this Own neither the Inspe measures descrit any personal in	ord Steam B 's Report of best of my ers Report ector nor his bed in this O	oiler Inspection and I during the period_ knowledge and belie in accordance with s employer makes a owners Report. Furth perty damage or a lo ons GA 203	nsurance Co. o -08/05/03- 1 ef, the Owner h the requirement any warranty, en hermore, neither bass of any kind	Sure vessel inspectors 1 <u>Hartford, Connerticu</u> 0/12/03 AF3 A as performed examin nts of the ASME C expressed or implied r the Inspector nor hi I arising from or con	thave inspected <u>2/4/</u> ations and taken ode, Section XI. , concerning the is employer shall inected with this
Date	10-21-	19 <i>_0_3</i>				<u></u>	

## FORM NIS-2 OWNER'S REPORT FOR MEDIACEMENTS

As Required By The Provisions Of The ASME Code Section XI

								Traveler #	03104
	1.	Owner	Southern Nuclear		any	Date		December 8, 2003	
$\smile$			40 Inverness Cent		ningham, Al	Sheet	1	of	1
	2.	Plant	Vogtle Electric Ge			Unit		1	
			Waynesboro, GA			MWO #		10302652	
				Address			Repair Or	ganization P.O. No., Jo	b No., etc.
	3.	Work Per	formed by <u>Nuclear</u>	r Operations Mair Name	ntenance	<u></u>		lant Vogtle Address	
	4.	Identifica	tion Of System		···	1305 / CONDE	NSATE SYST	EM	
	5.					1977 Edition, r Replacements 19 <u>89</u>		977_Addenda, <u>N/A</u>	Code Case
	6.	Identifica	tion Of Component	s Repairs Or Rep	lacement C	omponents			
Γ		NAME OF			BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
ŀ	130	MPONENT 5 PIPING YSTEM	MANUFACTURER PULLMAN POWER PRODUCTS	NO. N/A	NO. N/A	IDENTIFICATION 1K5-1305-062-02	<u> </u>	REPLACEMENT REPLACEMENT	(YES OR NO) YES
f				· · ·					· ·
		Tests Co	,	_	Pneumatio	anges on line 1-1305- :		_	
~	8. 	Tests Co	nducted: N/A ⊠ Ihat the statements	Hydrostatic   Other   made in the repo	Pneumatio Pressure CERTIFIC	INOMINALOPER <u>N/A</u> PSI Tes ATE OF COMPLIANC Ct and this	ating Pressure t Temp E replacem	N/A °F	rms to the
- (	8. V rule:	Tests Co We certify s of the AS	nducted: N/A 🛛	Hydrostatic Other made in the repo	Pneumatio Pressure CERTIFIC	INOMINALOPER <u>N/A</u> PSI Tes ATE OF COMPLIANC Ct and this	ating Pressurd t Temp E <u>replacem</u> repair or repla	N/A °F	rms to the
-	8. V rule: Type	Tests Co We certify s of the AS e Code Syn	nducted: N/A 🖾 that the statements ME Code, Section 3	Hydrostatic 🔲 Other 🗋 made in the repo XI.	Pneumatio Pressure CERTIFIC	Nominat Oper. <u>N/A</u> PSI Tes ATE OF COMPLIANC ct and this	ating Pressure t Temp E <u>replacem</u> repair or repla	N/A °F	rms to the
	8. V rule: Type	Tests Co We certify s of the AS e Code Syn ificate of A	nducted: N/A 🖾 Ihat the statements :ME Code, Section 2 mbol Stamp	Hydrostatic $\Box$ Other $\Box$ made in the repo	Pneumatic Pressure CERTIFIC ort are corre	Nominat Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ct and this N/	ating Pressure t Temp E <u>replacem</u> repair or repla	N/A °F	rms to the
	8. V rule: Type Certi	Tests Co We certify s of the AS e Code Syn ificate of A	Inducted: N/A 🛛 Ihat the statements SME Code, Section 2 mbol Stamp Authorization No.	Hydrostatic $\Box$ Other $\Box$ made in the repo XI. $Te_{a}$ $Le_{a}$ s Designee, Title	Pneumatic Pressure CERTIFIC ort are corre	Nominat Oper <u>N/A</u> PSI Tes ATE OF COMPLIANC ct and this N/	ating Pressure t Temp E replacem repair or repla A ate ate	N/A °F	rms to the
ן אין אין דיזו פיזו איז אין	8. V rules Type Certi Sign I, 1 Con to P <u>Con</u> take By s exan be f	Tests Co Ne certify s of the AS e Code Syn ificate of <i>I</i> here $I_{-5}$ n correcti signing th ninations	Inducted: N/A Image: N/A Image:	Hydrostatic Other Other made in the reporded to the repo	Pneumatic Pressure CERTIFIC ort are corre	Nominal Oper <u>N/A</u> PSI Tesi ATE OF COMPLIANCE ATE OF COMPLIANCE Ct and this <u>N/A</u> Expiration D Expiration D Expiration D Expiration D Source's Report dur wledge and belief, the t in accordance with employer makes an ners Report. Further ty damage or a los Source's CA 203	ating Pressure t Temp E replacem repair or repla A ate GTION Boiler and Pres and Insurance ing the period be Owner has h the require by warranty, ermore, neithers of any kine	<u>N/A</u> °F	s and the State of <u>Hartford</u> 14, 2003  ns and tests and code, Section XI concerning the s employer shal nected with this

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

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				AS REQUIECU L	y meriovi	SIONS OF THE ASME	Code Section 7	Traveler #	03105
	1.	Owner	Southern Nuclear	Operating Comp	any	Date		November 11, 2003	
$\smile$			40 Inverness Cent	Name er Parkway, Birm	ningham, AL	Sheet	1	of	1
	2	Plant	Vogtle Electric Ge	Address		—		1	
	<b>£</b> .	Tian		Plant		_			
			Waynesboro, GA	Address		MWO #	Repair Org	10300260 anization P.O. No., Jo	b No., etc.
	3.	Work Per	formed by <u>Nuclear</u>	Operations Mair	ntenance		Pi	ant Vogtie	
				Name			A	ddress	•
	4.	Identifica	tion Of System			1201 / Reacto	r Coolant Syste	<u>m</u> ·	
	5.	(a) Applic (b)Applic	able Construction ( able Edition of Sect	Code <u>ASMI</u> ion XI Utilized Fo	E Section III r Repairs Or			77_Addenda, <u>N/A</u>	Code Case
	6.	Identifica	tion Of Components	s Repairs Or Repl	lacement Co	mponents			
1		NAME	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	со	MPONENT	MANUFACTURER	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
		STUD	VITCO NUCLEAR PRODUCTS	N/A	N/A	ΑΤΥ	1991	REPLACEMENT	YES
-								· · ·	
			[]		1			<u>I</u>	
	7.	Descripti	on Of Work <u>Replac</u>						
	8.	Tests Co	nducted:	Hydrostatic	Pneumatic	Nominal Ope	rating Pressure		
			N/A 🖾	Other	Pressure _	N/A PSI Te	st Temp.	<u>N/A</u> •F	
$\bigcirc$		·····			CERTIFICA	TE OF COMPLIANC	E		
•		•	that the statements ME Code, Section 3		rt are correc	ct and this	replaceme repair or replac		rms to the
	Тур	e Code Sy	mbol Stamp			N	/A		
	Cer	tificate of A	uthorization No.	N	VA /	Expiration	Date	N/A	
194 s	Sigi	ned	Buner or Owner	s Designee, Title	Cal CBate		2007	<u> </u>	
14				CER		F INSERVICE INSPI	ECTION	<u> </u>	
	1.	the unders	signed, holding a va	lid commission i	ssued by the	National Board of	Boiler and Press	sure Vessel Inspector	s and the State
	or P	rovince of	<u>Georgia</u> and emp ave inspected the c	loyed by <u>H</u>	artford <u>Stea</u> l	m Boiler Inspection	and Insurance (		of <u>Hartford</u>
	to	11-19-0	3, and state	that to the best	of my know	wledge and belief, t	he Owner has p	berformed examination ments of the ASME C	ns and tests and
	exa be	minations	and corrective meany manner for any	sures described / personal injury	in this Ow	ners Report. Furth ty damage or a lo	ermore, neither ss of any kind	xpressed or implied, the Inspector nor hi arising from or con	s employer shall
	-4		Inspector's Signati	ure	•			Province and Endorse	ements
	Da	te//	-19-03						

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

. 03106 Traveler # 1. Owner Southern Nuclear Operating Company January 12, 2004 Date Name 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1 Address Plant Vogtle Electric Generating Plant Unit Plant 10200677 Waynesboro, GA 30830 MWO # Address Repair Organization P.O. No., Job No., etc. **Plant Vogtle** Work Performed by Nuclear Operations Maintenance 3. Name Address Identification Of System 1305 / Condensate System ASME Section III (a) Applicable Construction Code Winter 1977 Addenda, 5. 1977 Edition. N/A Code Case (b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989 6. Identification Of Components Repairs Or Replacement Components MANUFACTURER NATIONAL NAME NAME REPAIRED. ASME CODE OF SERIAL BOARD OTHER YEAR REPLACED OR STAMPED OF COMPONENT MANUFACTURER NO. NO. **IDENTIFICATION** BUILT REPLACEMENT (YES OR NO) 1K5-1305-058-01 1987 1305 PIPING PULLMAN N/A N/A REPLACEMENT NO SYSTEM POWER PRODUCTS 7. Description Of Work <u>Replace studs and nuts at 4" blind flange on plping line 1305-060.</u> 8. Tests Conducted: Hydrostatic 🔲 Pneumatic 🔲 Nominal Operating Pressure 🗍 N/A 🖾 Other N/A PSI Test Temp. N/A Pressure ٩F **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. **Expiration Date** N/A Signed 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 14, 2003 1-22-04, 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 Commissions <u>GA 203</u> Kanman Inspector/s Signature National Board, State, Province and Endorsements 1-22-04 Date

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

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							Traveler #	03109
	1. Owner	Southern Nuclear (	Operating Compan	y	Date		10/31/03	
- i -	<b>.</b> .	40 Inverness Cente	Name er Parkway, Birmir	igham, AL	Sheet	1	Of	3
	2. Plant	Vogtle Electric Ger	nerating Plant	<u> </u>	Unit _		1	
		Waynesboro, GA	30830		MWO #	- 1	0302794 and 10302795	5
			Address			and the second se	ganization P.O. No., J	
	3. Work Pe	rformed by <u>Nuclear</u>	Operations Maint	enance		P	lant Vogtle	
			Name			A	ddress	
	4. Identifica	ation Of System _		1	2420 / Instru	ument Air System	<u> </u>	<del></del>
	(b)Applic		tion XI Utilized Fo	or Repairs O	9 <u>74</u> Edition, <u>Sun</u> r Replacements 19 <u>8</u>		Addenda, <u>N/A</u> 416-1	Code Case
•	6. Identifica	ation Of Component	s Repairs Or Rep	lacement C	omponents			
	NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	COMPONENT	MANUFACTURER	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
	VALVE	FLOWSERVE CORP.	E798A-1-3	N/A	1-2420-U4-049	1999	REPLACED	YES
	VALVE	ROCKWELL INTERNATIONAL CORP.	86ABV	N/A	1-2420-U4-049	1989	REPLACEMENT	YES
Ĵ.	8. Test Col	nducted: N/A	Hydrostatic		N/A PSI Te	st Temp. <u>N</u>	X Code Case N-416 VA •F	rms to the
٨.	rules of the ASA	IE Code, Section XI				repair or replac		
MAX.	Type Code Sym			<u> </u>		1/A		
¥31 03	Certificate of Au Signed	1. J. Con	01	/A	Expiration I		N/A	3
	r		CER	TIFICATE	F INSERVICE INSPE			
	Province of inspected the to	<u>Georgia</u> and e ne components , and state th	commission iss mployed by <u>Hartf</u> described at to the best of a owners Report	ued by the ford <u>Steam B</u> in this my knowled in accord	national Board of b <u>over Inspection and In</u> Owner's Rep ge and belief, the O dance with the	oiler and Press <u>surance Co. of C</u> port during wner has perfor requirements	ure vessel inspector <u>connectcut</u> of <u>Hartforg</u> the period med examinations an of the ASME Co or implied, concerning	<u>Connecticut</u> have <u>10/17/03</u> d taken corrective de, Section XI.

#### ROCKWELL RALEIGH MIR 89 0 0.6 GORREGTED COPY FORM NPY-1-CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPSIOR VALVES!

As Required by the Provisions of the ASME Code: Section III, Division 1 SIN .... Pa 

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ockwell International Corp 1. Manufactured and certified by 1900: S. Saunders, St., Raileigh, NC 27603 Ineme and address of N Celtificate Holderi 12.0 Magulacioned ton Georgia Power Colt, Pro: Box 2821 Waynesboro; GA 30830 iname and address of Purchaser or Owners 対対応法律 Location of installation - Georgia Power, Co., Alvin Vogtle Plant, Vogtle, GA ineme and address 47 Mbdel No, Seleal No. or Tyre \_\_\_\_\_\_CRN\_\_\_Drawing C-31607480 Rev. \_\_\_\_\_CRN\_\_\_\_CRN\_\_\_\_CRN\_\_\_\_ 6. ASME Code: Section III. Division II. 6. ASME Code: Section III. Division II. 6. Pamp of veive: Valve Nominatinity size 2. 7. Matellel' Body SA-182Gr 7:316 Bonne: SA-47957 17316

101 id to (0) (c) Disk Cert NIL Body Bonnet loider a Seriel ZiBoald. Serial Seriel 3. No el(el No No. No 86ABV NYASYA NZS-10146 18385-55 FF (G1601) 87ABV N/A NZ5-2 13385-56 CIFE (G1601) SEABY . N/A NZ5=8 13385-57 SFF (G1601) Transfer States ULFRED STREET HE ALFY DESIGNED preserved and **公开关系在关系的**公式的

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TISTES OF ISOLOGIES Stends & GREEK MA 2.1.1.1.1.1.1.1.1 SUSSESSMENT STOLEN 1016110116425-1270 MUSAL PARAMETERS CERT CALLS AND A SALE A CHARTER SHE 出的基础的研究于和原 学行者的世纪的代表54 A CONTRACTOR OF A CONTRACT SHARE HARDEN **这些这些关系,并且**在这个 Links Methods Intern 10.1315/11/09/07/07/07 Revenue and the 间相关的运输。而在在其上在这些新 

ALALY MARINE Service and the States of the AND REAL PROPERTY OF Supplemental information in form of fasts Stelches of diswings may be used provided [1] site is 8 % ... 11/[2] information of items (1) though ( on this Date Report Stinduded on each sheet. (1) parh sheet is numbered and the number of absensit (acordon at the top of this form (2) [] if sh 4 12 261 Thas farm (EOOD371 may be obtained from the Order Dept, ASME 22 Law Drive, Box 230C: Farrield: NJ 07007-2300

Triveler # 03109

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FORM NPV-1 (back) Check Valve

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ios gr. Specification constitue by <u>Surrendra K. Cupta</u> - p.E. Sible <u>GAL</u> Built of <u>13717</u> as gr. Specification constitue by <u>Surrendra K. Cupta</u> - p.E. Sible <u>GAL</u> Built of <u>13717</u> as grant as constitue by <u>Ricky E. Spears</u> - <u>13717</u> as grant as constitue by <u>Surrendra K. Cupta</u> - <u>13717</u> bits Sible <u>Sible</u> <u>GAL</u> Built of <u>13717</u> as grant as constitue by <u>Sible</u> <u>13717</u> as grant as constitue by <u>Sible</u> <u>13717</u> as grant as constitue by <u>Sible</u> <u>13717</u> bits <u>Sible</u> <u>13717</u> <u>1</u> 

CERTIFICATE OF SHOP COMPLIANCE See to the superior of expression as botto ervice conforms to the dies for const Alter Section J. Descont <u>N-156?</u> <u>Intervention of the sector of the sec</u>

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1.1.1.1.1.1 SEL CEPTIFICATE OF SHOP INSPELTION

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Traveler HBC Sheet 304 Page 2 of 2 MIR. 8.9 3 5 0 0.0.6 

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

				· .					Traveler #	031	110
	1.	Owner	Southern Nuclear C	perating Company	<b>/</b>	Date			10/22/03		
$\bigcirc$			40 Inverness Cente	Name er Parkway, Birmin	gham, AL	Sheet	<u>.                                    </u>	1	of		1
	2.	Plant	Vogtle Electric Gen	erating Plant		Unit			1		
			Waynesboro, GA	30830		MWO #		·	<del>1</del> 0203672		
				Address				Repair Org	janization P.O. No	., Job N	o., etc.
	3.	Work Per	formed by <u>Nuclear</u>	Operations Mainte Name	enance				<i>ant Vogtle</i> Idress		
	4.	Identifica	tion Of System			1201/1	Reactor (	Coolant System	n		
	5.	(a) Applic (b)Applic	able Construction ( able Edition of Sect	Code <u>ASME S</u> ion XI Utilized Fo		9 <u>77</u> Edition, r Replacement	<i>Winter</i> s 19 <u>89</u>	r 1977	Addenda, <u>N</u>	<u>/A</u>	Code Case
	6.	Identifica	tion Of Component	s Repairs Or Rep	lacement C	omponents					•
[	1	NAME	NAME OF	MANUFACTURER SERIAL	BOARD	OTHER		YEAR	REPAIRED, REPLACED OR		ASME CODE STAMPED
		SUPPORT	PULLMAN	NO. N/A	NO.	IDENTIFICATI V1-1201-030-F		BUILT 1987	REPLACEMENT REPLACEMEN		YES OR NO) YES
			POWER PRODUCTS							· .	
					:						•
L			1 <u>.                                    </u>	l	· · · · · ·	l					
	7.	Descripti	on Of Work <u>A load</u>	pin was replaced r		_			-	<u>/ UR# 2</u>	003003142.
	8.	Test Cor	iducted: N/A 🗶	Hydrostatic	Pneumati Pressure		•	ing Pressure Temp		•	
[				· · ·	CERTIFIC	ATE OF COMP	LIANCE	•			
$\cup$			at the statements n IE Code, Section XI		are correc	t and this	re	REPLACEME		nforms	to the
	Type	Code Sym	bol Stamp				N/A				
		-	thorization No.	N	 /A	Expira	ation Dat	te .	N/		
and l		hr		1					120/200	2	
Pu-103	Signe		Owner or Owner	's Designee, Title	1	Team Le	ader	Date 0	<u>x 0/200</u>	<u> </u>	
141				CER		OF INSERVICE	INSPEC	TION			
	i the	undersion	ned, holding a valio	commission iss	ued by the	national Boar	d of boi	ler and Press	ure vessel inspec	tors an	d the State or
	Provi	nce of	<u>Georgia</u> and e	mployed by <u>Hart</u>	ford Steam	Boiler Inspection	and Insu	irance Co. of C	Connecticut of Har	ford, Co	onnecticut have
	inspe to <u>1</u>	1-10-03	he components , and state the cribed in this the second state the second state the second state the second state state s	hat to the best of	in th my knowle in acco	dge and belief,	Rep the Owr	her has perfor	med examination	od <u>10/</u> s and ta Code	ken corrective
				-							
	and	corrective	certificate, neither f	ibed in this C	wners Re	port. Furth	ermore,	neither the	Inspector nor	his er	mployer shall
		able in an ection	iy manner for any	personal injury	or prope	rty damage o	'a loss	of any kind	l arising from or	conne	cted with this
	-	TYIS	Inspector's Signatu	<u> </u>	Comm		A 203		rovince and Endo	rsemen	te
	_					140		ouru, otatoj f			
	Da	ate_ <u>//-</u>	10-03	<u></u>			<u> </u>				<u> </u>

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

		· ·		:	•	Traveler #	03129
1. Owner	Southern Nuclear	Operating Comp	any	Date	<u>.</u>	March 25, 2004	
	40 Inverness Cen	Name ter Parkway, Birm Address	ningham, AL	Sheet	1	of	. 1
2. Plant	Vogtle Electric Ge	enerating Plant		Unit		1	
	Waynesboro, GA	Plant 30830	·	MWO #	•	10303008	•
•		Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3. Work Pe	erformed by Nuclear	r Operations Mair	ntenance		F	Plant Vogtle	
		Name				Address	
4. Identific	ation Of System			1302 / Auxili	lary Feedwate	r	
	icable Construction ( icable Edition of Sect					977_Addenda, <u>N/A</u>	Code Ca
6. Identific	ation Of Component	s Repairs Or Rep	lacement Co	mponents			
NAME	NAME	MANUFACTURER				REPAIRED,	ASME CODE
OF COMPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO
Valve	Fisher	7854058	N/A	1-HV5132	1977	REPLACEMENT	NO
		·	╞╼╼╼╼╉				
						· · ·	
	tion Of Work <u>Replac</u> onducted:	Hydrostatic	Pneumatic	•		_	
			Pneumatic Pressure _	N/A PSI Tes	t Temp	_	
8. Tests C	onducted: N/A 🖾	Hydrostatic [] Other []	Pneumatic Pressure _ CERTIFICA	N/A PSI Tes	t Temp	<u>N/A</u> •F .	
8. Tests C	onducted:	Hydrostatic [] Other [] made in the repo	Pneumatic Pressure _ CERTIFICA	N/A PSI Test TE OF COMPLIANC	t Temp	N/A ºF	rms to the
8. Tests C We certif rules of the A	onducted: N/A 🖾 y that the statements	Hydrostatic [] Other [] made in the repo	Pneumatic Pressure _ CERTIFICA	N/A PSI Tes	t Temp E <u>replacem</u> repair or repla	N/A ºF	rms to the
8. Tests C We certif rules of the A Type Code S	onducted: N/A 🖾 y that the statements SME Code, Section 1	Hydrostatic [] Other [] made in the repo	Pneumatic Pressure _ CERTIFICA	N/A PSI Tes	t Temp E <u>replacem</u> repair or repla	N/A ºF	rms to the
8. Tests C We certif rules of the A Type Code S	onducted: N/A 🖾 y that the statements ASME Code, Section is ymbol Stamp Authorization No.	Hydrostatic [] Other [] made in the repo XI.	Pneumatic Pressure _ CERTIFICA ort are correc	N/A PSI Test TE OF COMPLIANC and this N// Expiration D	t Temp E <u>replacem</u> repair or repla	N/A °F eent confo acement N/A	rms to the
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8. Tests C We certificate of the A Type Code S Certificate of Signed	onducted: N/A ⊠ y that the statements SME Code, Section ymbol Stamp Authorization No. Owner or Owner rsigned, holding a va of <u>Georgia</u> and em have inspected the o	Hydrostatic [] Other [] made in the report XI.	Pneumatic Pressure CERTIFICA ort are correct I/A C Date RTIFICATE O ssued by the artford Stear ribed in this of my know	N/A PSI Test TE OF COMPLIANCE and this Expiration D  F INSERVICE INSPE National Board of B <u>n Boller Inspection a</u> Owner's Report dur viedge and belief, th	t Temp E repair or repla A ate CTION Boiler and Pres and Insurance ing the period be Owner has	N/A °F	s and the State of <u>Hartford</u> 10, 2003 ns and tests a
8. Tests C We certificate of the A Type Code S Certificate of Signed	onducted: N/A ⊠ y that the statements SME Code, Section ymbol Stamp Authorization No. Owner or Owner rsigned, holding a va of <u>Georgia</u> and emp have inspected the o 24; and state this certificate, neit s and corrective mea	Hydrostatic Other Other made in the reporded to the repord to the	Pneumatic Pressure CERTIFICA ort are correct //A //A //A //A //A //A //A //	N/A PSI Test TE OF COMPLIANCE and this	t TempE replacem repair or repla A bate CTION Boiler and Present and Insurance ing the period be Owner has h the require by warranty, be ermore, neither	N/A °F	s and the State of <u>Hartford</u> 10, 2003 ns and tests a code, Section concerning s employer sl
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8. Tests C We certif rules of the A Type Code S Certificate of Signed I, the unde or Province C <u>Connecticut</u> to <u>4-5-6</u> taken correct By signing examinations be liable in	onducted: N/A ⊠ y that the statements SME Code, Section ymbol Stamp Authorization No. Owner or Owner rsigned, holding a va of <u>Georgia</u> and emp have inspected the of this certificate, neit s and corrective mea any manyer for an	Hydrostatic Other other made in the report made in the report the report of the report of th	Pneumatic Pressure CERTIFICA ort are correct //A //A //A //A //A //A //A //	N/A PSI Test TE OF COMPLIANCE thand this Expiration D  F INSERVICE INSPE National Board of B <u>m Boller Inspection a</u> Owner's Report dur viedge and belief, the in accordance with employer makes and hers Report. Further by damage or a los ons GA 203	t TempE replacem repair or repla A ate CTION Boiler and Pres and Insurance ing the period be Owner has h the require by warranty, ermore, neither so f any kind	N/A °F	s and the State of <u>Hartford</u> 10, 2003 ns and tests a Code, Section concerning s employer sl inected with t
8. Tests C We certif rules of the A Type Code S Certificate of Signed I, the unde or Province C <u>Connecticut</u> to <u>4-5-6</u> taken correct By signing examinations be liable in	onducted: N/A ⊠ y that the statements ASME Code, Section is ymbol Stamp Authorization No. Owner or Owner of <u>Georgia</u> and emp have inspected the of CH; and state this certificate, neit is and corrective measures any manner for any Inspeptor's Signat	Hydrostatic Other other made in the report made in the report the report of the report of th	Pneumatic Pressure CERTIFICA ort are correct //A / Date //A / Date /	N/A PSI Test TE OF COMPLIANCE thand this Expiration D  F INSERVICE INSPE National Board of B <u>m Boller Inspection a</u> Owner's Report dur viedge and belief, the in accordance with employer makes and hers Report. Further by damage or a los ons GA 203	t TempE replacem repair or repla A ate CTION Boiler and Pres and Insurance ing the period be Owner has h the require by warranty, ermore, neither so f any kind	N/A °F	s and the State of <u>Hartford</u> 10, 2003 ns and tests a Code, Section concerning s employer sl inected with t

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

(b)Applicable Edition of Section XI Utilized for Repairs or Replacements 1989         6. Identification Of Components Repaired or Replaced and Replacement Components         Name of       National Board         Name of       Manufacturer         Board       Other         Year       Replaced, Stamped		• .	As Required By 1	The Provisio	ns Of The ASME Code S	Section XI	Traveler #04	122
40 Inveness Center Parkwy, Bimingham, AL       Sheet       1       1         2. Plant       Vogile Electric Generating Plant       Unit       1         Waynesboro, GA 30830       WOM 1030329       Repair Organization P.0.003, Job No., etc.         3. Work Performed by       Maintenance Department       Type Code Symbol Stemp       N/4	1. Owner	Southern Nuclear O	perating Company	,	Date		03/25/05	
2. Plant       Vogile Electric Generating Plant       Unit       1         Name       Name       Wolf 1203328         Work Performed by       Maintenance Department       Type Code Symbol Stamp       NA         1. Work Performed by       Maintenance Department       Type Code Symbol Stamp       NA         2. Work Performed by       Maintenance Department       Type Code Symbol Stamp       NA         2. Identification of System       1208 / Chemical and Volume Control System       NA         3. Work Performed by       Maintenance Department       19 77 Edition, Winter 1977 Addenda, NA       NA         4. Identification of System       1208 / Chemical and Volume Control System       Code Case         5. (a) Applicable Edition of Section XI Utilized for Replaced and Replacement Components       Replaced, Stamped       Stamped         6. Identification of Components Repaired or Replaced and Replacement Components       Bail No.       1987       Replaced, Stamped       Stamped         7. Description of Work Stubler AD-73, serial #186 was replaced with a Lisega Type 30 stubber serial #03015870/105 and stubber State Phace Mith a Lisega Type 30 stubber serial #03015870/105 and stubber State Phace Mith a Lisega Type 30 stubber serial #03015870/105 and stubber State Phace Mith a Lisega Type 30 stubber serial #03015870/105 and stubber State Phace Mith a Lisega Type 30 stubber serial #03015870/105 and stubber State Phace Mith a Lisega Type 30 stubber serial #03015870/105 and stubber State Phace Mith	4	40 Inverness Cente		ham, AL	Sheet	1	 of	1
Waynesboro, GA. 30830       Work Performed by       Madress       Repair Organization P.O. No., Job No., etc.         3.       Work Performed by       Maintenance Department       Type Code Symbol Stamp       NA	2. Plant				Unit		1 .	
3. Work Performed by <u>Maintenance Department</u> Type Code Symbol Stamp <u>N/A</u>	· .	Waynesboro, GA 3				W	O# 10303329	
Name       Authorization No.       Na         Plant Vogite       Expiration Date       N/A         Address       1208 / Chemical and Volume Control System         5. (a) Applicable Construction Code       ASME SEC III       19 77 Edition,       Winter 1977       Addreas,       N/A       Code Case         (b) Applicable Construction Code       ASME SEC III       19 77 Edition,       Winter 1977       Addreas,       N/A       Code Case         (b) Applicable Edition of Section XI Utilized for Replaced and Replacements Tomponents       Replaced,       ASME Cod         Name of       Name of       Manufacturer       National       Other       Year       Replaced,       ASME Cod         Component       Manufacturer       Serial No.       No.       Identification       Built       or Replaced,       ASME Cod         SUPPORT       PULLMAN POWER       N/A       N/A       VI-1208-039-H601       1987       REPLACEMENT       YES         SUPPORT       RODUCTS       N/A       N/A       VI-1208-039-H601       1987       REPLACEMENT       YES         SUPPORT       RODUCTS       N/A       N/A       VI-1208-039-H601       1987       REPLACEMENT       YES         SUPPORT       RODUCTS       N/A       VI-1208-039-H60		4	ddress		Repair (	Organization	P.O. No., Job No., e	tc.
Plant Vogite       Expiration Date       N/A         4. Identification of System       1208 / Chemical and Volume Control System         5. (a) Applicable Construction Code       ASME SEC III       19 77 Edition,       Winter 1977 Addenda,       N/A       Code Case         (b) Applicable Construction Code       ASME SEC III       19 77 Edition,       Winter 1977 Addenda,       N/A       Code Case         (b) Applicable Edition of Section XI Utilized for Repaires or Replacement Tomponents       Identification Of Components Repaired or Replaced and Replacement Components       ASME Cod         Name of       Name of Section XI Utilized for Repaires or Replaced with a Usega Type 30 subter serial #036158770/05 and snubber PS/SUPPORT       PluLMAN POWER       N/A       VI-1208-039-H601       1987       REPLACEMENT       YES         3. Description of Work       Snubber AD-73, serial #166 was replaced with a Usega Type 30 snubber serial #036158770/05 and snubber PS/SUS is serial #35366 was replaced with a Usega Type 30 snubber serial #036158770/05 and snubber PS/SUS is serial #35366 was replaced with a Usega Type 30 snubber serial #036158770/05 and snubber PS/SUS is serial #35366 was replaced with a Usega Type 30 snubber serial #036158770/05 is and snubber PS/SUS is serial #35366 was replaced with a Usega Type 30 snubber serial #036158770/05 is and snubber PS/SUS is and snubber PS/SUS is and PS/SUS is and P	3. Work Pe	rformed by <u>Mai</u>		ent	•• •	amp		
4. Identification of System       1208 / Chemical and Volume Control System         5. (a) Applicable Construction Code       ASME SEC III       19 77 Edition, Winler 1977       Addenda, N/A       Code Case         (b)Applicable Edition of Section XI Utilized for Repairs or Replacements 1988       6.       Identification Of Components Repaired or Replaced and Replacement Components         Name of       Name of Manufacturer       Board       Other       Year       Replaced, ASME Cod         Component       Manufacturer       Serial No.       No.       Unitiation       Built       Or Replaced, ASME Cod         SupPORT       PULLMAN POWER       N/A       V1-1200-039-H601       1397       REPLACEMENT       YES         SupPORT       FUDUCTS       N/A       N/A       V1-1200-039-H601       1397       REPLACEMENT       YES         7.       Description of Work       Snubber AD-73, serial #186 was replaced with a Lisega Type 30 snubber serial #03615870033 in accordance with DCP 59-VAN0033.       8.       Test Conducted:       Hydrostatic       Pressure       N/A       PSI         8.       Test Conducted:       Hydrostatic       Pressure       N/A       PSI       Test Temp.       N/A       YA         9.       Remarks       See Item 7       Applicable Manufacturer's Data Reports to be attached       CERTIFICAT			ant Vogtle	•	_	······		
(b)Applicable Edition of Section XI Utilized for Replaced and Replacement Components         6. Identification Of Components Repaired or Replaced and Replacement Components         Name of Name of Manufacturer Serial No.       Other Year Replaced, Stamped (Yea or Neplaced, Stamped (Yea or Neplaced, Stamped (Yea or Neplacement)         PIPE       PULLMAN POWER N/A       N/A       V1-1208-039-H601       1987       REPLACEMENT       YES         SUPPORT       POULTS       N/A       N/A       V1-1208-039-H601       1987       REPLACEMENT       YES         7. Description of Work Subber AD-73, serial #186 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/X, serial #036386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/X, serial #03615870/105 and snubber PS/X, serial #03615870/105 and snubber PS/X, serial #03615870/0093 in accordance with DCP 99-VAN0033.         8. Test Conducted:       Hydrostatic       Pneumatic       Nominal Operating Pressure       MA       *F         9. Remarks       See litem 7       Applicable Manufacturer's Data Reports to be attached       CERTIFICATE OF COMPLIANCE       conforms to the rules of th replacement         N/A       CERTIFICATE OF COMPLIANCE       N/A       N/A       Conforms to the rules of th replacement         N/A       CERTIFICATE OF INSERVICE INSPECTION       N/A       Certificate of Blog and benegoed by Hard Sizega Diple Sizega Diple Sizega Diple Sizega Diple Sizega Diple Sizega Diple Sizeg	4. Identifica		ddress	12	208 / Chemical and Volum	ne Control Sys	stem	
Name of Component         Name of Manufacturer         Manufacturer         Board Serial No.         Other         Year         Replaced, or Replacement         Stamped (Yes or No)           PIPE         PULLMAN POWER RODUCTS         N/A         VI-1208-039-H601         1987         REPLACEMENT         YES           3UPPORT         RODUCTS         N/A         VI-1208-039-H601         1987         REPLACEMENT         YES           7.         Description of Work Snubber AD-73, serial #186 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/ M, serial #35386 was replaced with a Lisega Type 30 snubber serial #03615870/033 in accordance with DCP 99-VAN0033.         Remarks           8.         Test Conducted:         Hydrostatic         Pneumatic         Nominal Operating Pressure         M/A         *F           9.         Remarks         See liam 7         Applicable Manufacturer's Data Reports to be attached         CERTIFICATE OF COMPLIANCE         conforms to the rules of tha SME Code, Section XI.         N/A         Expiration Date         N/A         M/A         Signed         N/A         Signed         N/A         Signed         Signed         N/A         Signed         Signe	(b)Applic	cable Edition of Secti	on XI Utilized for	Repairs or F	eplacements 19 <u>89</u>		enda, <u>N/A</u>	Code Case
Component       Manufacturer       Serial No.       No.       Identification       Built       or Replacement       (Yes or No.)         PIPE       PULLMAN POWER       N/A       N/A       V1-1208-039-H601       1987       REPLACEMENT       YES         SUPPORT       RODUCTS       N/A       V1-1208-039-H601       1987       REPLACEMENT       YES         3UPPORT       RODUCTS       N/A       V1-1208-039-H601       1987       REPLACEMENT       YES         7.       Description of Work       Snubber AD-73, serial #186 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A       N/A		1		National		I	Repaired,	ASME Code
PJPE SUPPORT       PULLMAN POWER RODUCTS       N/A       N/A       V1-1208-039-H601       1987       REPLACEMENT       YES         7.       Description of Work       Snubber AD-73, serial #186 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ¼, serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ¼, serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ¼, serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ¼, serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ¼, serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ¼, serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ¼, serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ¼, serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS/A ½         8.       Test Conducted: N/A       Hydrostatic Pressure       N/A       Y         9.       Remarks       See Item 7       Applicable Manufacturer's Data Reports to be attached         CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this replacement       Insplace       N/A         Type Code Symbol Stamp       N/A       Expiration Date       N/A         Certificate of Authorization No.       N/A       Expiration Date       N/A         Signed <td< td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>Stamped (Yes or No)</td></td<>					-			Stamped (Yes or No)
7. Description of Work Subber AD-73. serial #186 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS// K, serial #3386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS// K, serial #3386 was replaced with a Lisega Type 30 snubber serial #03615870/105 and snubber PS// NA S         8. Test Conducted:       Hydrostatic       Pneumatic       Nominal Operating Pressure       N/A         9. Remarks       See Item 7       Applicable Manufacturer's Data Reports to be attached         CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this	PIPE		N/A	N/A	V1-1208-039-H601	1987	· · · · · · · · · · · · · · · · · · ·	
<u>4. serial #36386 was replaced with a Lisega Type 30 snubber serial #03615870/093 in accordance with DCP 99-VAN0033.</u> 8. Test Conducted:       Hydrostatic       Pneumatic       Nominal Operating Pressure		1000010						
We certify that the statements made in the report are correct and this	9. Remarks	See Item 7	App	licable Manu	Ifacturer's Data Reports	to be attach		. <u></u>
Signed       Team Leader       Date       JLPON         CERTIFICATE OF INSERVICE INSPECTION         Inspected, holding a valid commission issued by the national Board of Boiler and Pressure Vessel Inspectors and the Star         Inspected the components described in this Owner's Report during the period	ASME Code, So	ection XI.			nd this <u>repla</u> repair of			he rules of the
Owngfor Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         the undersigned, holding a valid commission issued by the national Board of Boller and Pressure Vessel Inspectors and the Star Province of			N/A		Expiration Date	<u> </u>	N/A	
the undersigned, holding a valid commission issued by the national Board of Boller and Pressure Vessel Inspectors and the Star r Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co. of Connecticut</u> <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>07/22/04</u> o <u>4-1-C5</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and tak corrective measures described in this Owners Report in accordance with the requirements of the ASME Code, Section is By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning to xaminations and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer she to liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with the nspector. Inspector's Signature Commissions <u>CA 203</u> National Board, State, Province and Endorsements	Signed	Owng or Owner's	Designee, Title	Team Lead	er Date 3/2	dos-		
· · · · · · · · · · · · · · · · · · ·	or Province of <u>Hartford, Conr</u> o <u>4-1-C5</u> corrective mean By signing the examinations a be liable in an inspectiop.	<u>Georgia</u> <u>necticut</u> have inspec- , and state t asures described in his certificate, neither and corrective measure by manner for any p <u>a <i>Chapment</i></u> Inspector's Signature	commission issu and emp ted the compor hat to the best of this Owners R er the Inspector tres described in personal injury o	ed by the n loyed by of my know leport in ac nor his em this Owner or property of	ational Board of Boiler <u>Hartford Steam Boiler In</u> bed in this Owner's I ledge and belief, the C ccordance with the re- ployer makes any wa 's Report. Furthermore damage or a loss of a	and Pressu <u>nspection and</u> Report durin Dwner has p quirements rranty, expra- r, neither the any kind aris	<u>I Insurance Co. of Co</u> ing the period erformed examination of the ASME Coo essed or implied, of e Inspector nor his sing from or connection	onnecticut o 07/22/04 ions and take de, Section X concerning th employer sha ected with thi
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FORM NIS-2	<b>OWNER'S</b>	REPORT	FOR	REPAIRS	OR F	REPLAC	EMENTS

As Required By The Provisions Of The	e ASME Code Section XI
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1.	_	· · · · · ·			-			124
1.	Owner	Southern Nuclear C	Dperating Company Name	<u> </u>	. Date		04/06/05	<u></u>
2			er Parkway, Birmingl	ham, AL	Sheet	1	of	1
2.	Plant	Vogtle Electric Gen	Address herating Plant		Unit	•	1	
			Name				•	
		Waynesboro, GA	Address	<u> </u>	Repair C		<i>0# 10303318</i> P.O. No., Job No., e	tc.
•	Work Bor	formed by 1/a	intenance Departme	ot	Type Code Symbol Sta	-	N/A	
3.	WORK Per	formed by <u>Ma</u>	Name	<u></u>	Authorization No.	p	N/A	
		the second division of	ant Vogtle Address		Expiration Date		N/A	
4.	Identifica	tion of System		12	208 / Chemical and Volum	e Control Sy	stem	
	(b)Applic		ion XI Utilized for F	Repairs or F	77 Edition, <u>Wint</u> Replacements 19 <u>89</u> eplacement Component	<u>er 1977</u> Add s	lenda, <u>N-249-1</u>	Code Ca
			· · · · · · · · · · · · · · · · · · ·	National		· · · · · · · · · · · · · · · · · · ·	Repaired,	ASME Co
	me of	Name of	Manufacturer	Board	Other Identification	Year	Replaced,	Stampe
	ponent PIPE	Manufacturer PULLMAN POWER	Serial No. N/A	No. N/A	V1-1208-011-H045	Built 1987	or Replacement REPLACEMENT	(Yes or N YES
SUP	PPORT	RODUCTS	<b> </b>					
		•	1				[ · ]	
						cement	conforms to t	ne rules of
		at the statements m	•				int	
ASME	Code, Se	ction XI.			-	n Teplaceme	•	
ASME Type (	Code, Se Code Sym							
ASME Type ( Certifi	Code, Se Code Sym cate of Au	ction XI. bol Stamp	NA	Team Lead	N/A Expiration Date	1/2a	N/A	
ASME Type ( Certifi	Code, Se Code Sym cate of Au	ction XI. bol Stamp thorization No.	N/A s Designee, Title		N/A Expiration Date	1/200	N/A 5-	
ASME Type C Certifi Signed the L	Code, Se Code Sym cate of Au d	ction XI. bol Stamp thorization No. Support Owner or Owner's ed, holding a valid	N/A s Designee, Title CERTIF commission issue	ICATE OF I ed by the n	N/A Expiration Date ler Date 4/2 NSERVICE INSPECTION national Board of Boiler	and Pressu	S- re Vessel Inspectors	
ASME Type C Certifi Signed the L r Prov Hartfo	Code, Se Code Sym cate of Au d	ction XI. bol Stamp thorization No. Owner or Owner's ed, holding a valid <u>Georgia</u>	N/A S Designee, Title CERTIF commission issue and employed cted the component	ICATE OF I ed by the n oyed by ents descri	N/A Expiration Date ler Date 4	and Pressu spection and Report durin	re Vessel Inspectors <u>I Insurance Co. of Co</u> ing the period	onnecticut 07/22/04
ASME Type ( Certifi Signed , the L or Prov	Code, Se Code Sym cate of Au d	ction XI. bol Stamp thorization No. Owner or Owner's ed, holding a valid Georgia -	N/A s Designee, Title CERTIF commission issue and empl	ICATE OF I ed by the n oyed by	N/A Expiration Date ler Date NSERVICE INSPECTION national Board of Boiler Hartford Steam Boiler In	and Pressu	re Vessel Inspectors	nnecticut

## ORIGINAL

		•				FOR REPAIRS (		CEMENTS	
		•	•		THE FTOVISIO	is of the Asmit Gode	Section XI	Traveler #04	125
	1.	Owner	Southern Núclear O			Date		03/25/05	
. L	<u> </u>		40 Inverness Center	Name Parkway, Birming	ham, AL	Sheet	1	of	1
	2.	Plant	A Vogtle Electric Gene	ddress erating Plant		Unit		1	
				Name		· · ·		D# 10303317	
•				ddress	 ,	Repair		P.O. No., Job No., e	tc.
•	3.	Work Per	rformed by Mai	ntenance Departm	ent	Type Code Symbol S	Stamp	N/A	
•	•		· <u> </u>	Name		Authorization No. Expiration Date		N/A	
			A	<u>nt Vogtle</u> ddress		•			
·	.4.	Identifica	tion of System		12	208 / Chemical and Volu	ime Control Sys	tem	
	5.		cable Construction C				nter 1977 Add	enda, <u>N/A</u>	Code Case
		(b)Applic	able Edition of Secti	on XI Utilized for	Repairs or F	leplacements 19 <u>89</u>			
	6.	Identifica	tion Of Components	Repaired or Rep	laced and R	eplacement Compone	nts		
1					National			Repaired,	ASME Code
1		ame of aponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped . (Yes or No)
		PIPE PPORT	PULLMAN POWER RODUCTS	N/A	N/A	V1-1208-008-H025	1987	REPLACEMENT	YES
	30	FFORT			<u>├───</u> -}				
						· · ·		I	l
•	7.	Descripti	ion of Work <u>Snubber</u>	PSA-1/2, serial #1	1983 <u>1 was</u> re	placed with a Lisega Ty	pe 30 snubber	serial #03615870/10	1 in accordance
		with DCI	P 99-VAN0033.						·
	8:	Test Con			neumatic ressure	] Nominal Operating <u>V/A</u> PSI Test Ter	Pressure [] npN/	4 °F	
	9.	Remarks	See Item 7		licoble Men	Jacturer's Data Repor	to to be attach		
,									
	W	e certify th	at the statements ma			OF COMPLIANCE	placement	conforms to t	he rules of the
		E Code, Se				•	r or replaceme	nt ·	
		-	bol Stamp			N/A Expiration Date	t		·
DX 2		6				·	1. 7		
21500	Signe		' Owner or Owner's	Designee, Title	Team Lead	<u>er</u> Date	2905	·	
- 1 -						·· <u>···································</u>			
			ad balding a valid			NSERVICE INSPECTIC		Necest lacester	a and the State
		undersign				ational Board of Boile <u>Hartford Steam Boiler</u>			
						bed in this Owner's			07/22/04
	to correc	<u>4-/-0</u> ctive mea				ledge and belief, the ccordance with the			
	By s	sianina th	is certificate, neithe	r the Inspector	nor his en	nployer makes any w	varranty, expre	essed or implied,	concerning the
	exami	nations a	nd corrective measu	res described in	this Owner	s Report. Furthermo	re, neither the	Inspector nor his	employer shall
		tion	n n n er for any p	ersonal injury o		damage or a loss of	any kino are	sing from or conne	ected with this
		7/1/5	Inspector's Signature		Commissi	ons <u>GA203</u> National Boar	d. State, Provi	nce and Endorseme	ints
	· Dat		- 1 - 05				_,		
		··· <u>···</u> ····				·			
	į					•			

							Traveler #041	29
1.	Owner	Southern Nuclear (	Operating Company		Date		March 22, 2005	
		·	Name er Parkway, Birmingl	ham Al	Sheet	1	of	1
~	Diant	••••	Address	<u>, , , , , , , , , , , , , , , , , , , </u>	,			- <u>-</u>
2.	Plant	Vogtle Electric Gei	Name		Unit			·
		Waynesboro, GA		<u> </u>		103033		
		•	Address		Kepair C	Jiganization	P.O. No., Job No., et	с.
3.	Work Per	formed byM	laintenance Departm	ent	Type Code Symbol Sta	imp	N/A	
		ŀ	Name Plant Vogtle		Authorization No Expiration Date	· · · · · · ·	N/A	
			Address		4000 (Observice) and Vic			*******
4. 5.		tion of System	Code ASME SE	C III	1208 / Chemical and Vo 77 Edition, Winter 1	······································	lenda. N-249-1	Code Cas
6.	(b)Applica	able Edition of Sec	tion XI Utilized for F	Repairs or Re		<u></u> Au	icilua, <u>11-2-5-1</u>	
			<u></u>	National			Repaired,	ASME Cod
	ame of nponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No
<b>PE</b> S	SUPPORT	PULLMAN POWER	N/A	N/A	V1-1208-040-H603	1987	REPLACEMENT	YES
		· · ·	1	<u> </u>				
7. 8.	Description	/AN0033.	Hydrostatic 🔲 I	Pneumatic	ed with snubber Lisega 30 ] Nominal Operating P V/A PSI Test Temp	ressure	615870/095 in accord	ance with
	DCP-99V	/AN0033.	Hydrostatic [] I Other [] F	Pneumatic		ressure [] N	<u>// •F</u>	lance with
8. 9. We ASME	DCP-99V Test Con Remarks e certify the E Code, See	ducted: N/A 🖾 See Item 7 at the statements n	Hydrostatic [] I Other [] F Apj	Pneumatic	Nominal Operating P         V/A       PSI       Test Temp         ufacturer's Data Reports         OF COMPLIANCE         d this       replaction         repair of	ressure [] N	/A •F ed conforms to th	
8. 9. We ASME Type	DCP-99V Test Cone Remarks e certify the E Code, See Code Sym	ducted: N/A 🖾 See Item 7 at the statements n	Hydrostatic [] I Other [] F App	Pneumatic [ Pressure plicable Manu CERTIFICATE re correct an	Nominal Operating P         V/A       PSI       Test Temp         ufacturer's Data Reports         OF COMPLIANCE         d this       replate	to be attach	/A •F ed conforms to th	
8. 9. We ASME Fype Certif	DCP-99V Test Cont Remarks e certify the E Code, Set Code Sym	AN0033. ducted: N/A 🔯 See Item 7 at the statements n ction XI. bol Stamp Ahorization No.	Hydrostatic I I Other I F App nade in the report a	Pneumatic [ Pressure plicable Manu CERTIFICATE re correct an	Nominal Operating P         V/A       PSI       Test Temp         ufacturer's Data Reports         E OF COMPLIANCE         d this       replay         repair o         N/A         Expiration Date	to be attach	/A •F ed conforms to th	
8. 9. We ASME Fype Certif	DCP-99V Test Cont Remarks e certify the E Code, Set Code Sym	AN0033. ducted: N/A 🔯 See Item 7 at the statements n ction XI. bol Stamp Ahorization No.	Hydrostatic I I Other I F App nade in the report an N/A 's Designee, Title	Pneumatic [ Pressure plicable Manu CERTIFICATE re correct an <u>Team Leader</u>	Nominal Operating P         V/A       PSI         Test Temp         ufacturer's Data Reports         OF COMPLIANCE         d this       replay         repair o         N/A        Expiration Date	to be attach	/A •F ed conforms to th	
8. 9. Wo ASME Type Certif Signe Certif Signe Drovin Conne Co	DCP-99V Test Cont Remarks e certify the E Code, Ser Code Sym ficate of Au ed undersigne code Sym ficate of Au ed undersigne ficate of undersigne ficate of undersi undersigne ficate of under	AN0033. ducted: N/A X See Item 7 at the statements n ction XI. bol Stamp Ahorization No. Owner or Owner ed, holding a valid <u>Georgia</u> ve inspected the , and state the cribed in this certificate, neither measures descr	Hydrostatic I I Other I F App App App App App App App App App Ap	Pneumatic Pressure // Pressure // Pressure // Pressure // Pressure // Precorrect and Precorret	Nominal Operating P         V/A       PSI         Test Temp         ufacturer's Data Reports         OF COMPLIANCE         d this       replay         repair o         N/A            Date       3	ressure to be attach to be attach cement r replaceme Pressure V and Insurant og the perior as performe ements of pressed or in her the In	<pre>//A •F //A •F //A //A //A //A //A //A //A //A //A //</pre>	the state ofaken correct aken correct s Section me examination
8. 9. Wo ASME Type Certif Signe Certif Signe Drovin Conne Co	DCP-99V Test Control Remarks e certify the E Code, Sec Code Sym Tricate of Au ed Undersigne ticate br>Au ed Undersigne ticate Au ed Undersigne ticate Au ed Undersigne ticate Au ed Undersigne ticate Au ed Undersigne ticate Au ed Undersigne ticate Au ed Undersigne ticate Au ed Undersigne ticate Au ed Undersigne Au ed Undersigne ticate Au ed Undersigne ticate Au ed Undersigne ticate Au ed Au ed Au ed Au ed Au ed Au ed Au ed Au A	AN0033. ducted: N/A X See Item 7 at the statements n ction XI. bol Stamp Ahorization No. Owner or Owner ed, holding a valid <u>Georgia</u> ve inspected the , and state the cribed in this certificate, neither measures descr	Hydrostatic I I Other I F App nade in the report an N/A 's Designee, Thie CERTI commission issued and employed I components descri at to the best of m Owners Report the Inspector nor h ibed in this Ow personal injury of	Pneumatic Pressure // Pressure // Pressu	Nominal Operating P VA PSI Test Temp ufacturer's Data Reports OF COMPLIANCE d this repair o N/A Expiration Date Date Date Somer's Report durin and belief, the Owner ha nce with the require makes any warranty, exp t. Furthermore, neitid damage or a loss of a ons CA 2C3	ressure to be attach to be attach cement r replaceme 30/Le Pressure V and Insurant og the period as performe ements of pressed or in her the ind any kind ar	<pre>//A •F //A •F //A //A //A //A //A //A //A //A //A //</pre>	the state of <u>Hartra</u> of <u>Hartra</u> aken correct , Section he examination employer si ected with t

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			As Required By The Provision	ons Of The ASME C	Code Section XI	 Traveler #	04130		
1.	Owner	Southern Nu	clear Operating Company	· Date		03/25/05			
÷			Name s Center Parkway, Birmingham, AL	Sheet		of			
		40 11100111053	Address	Sheet		01			
2.	Plant	Vogtle Elect	nc Generating Plant	Unit		1			
	Name Waynesboro, ĜA 30830					WO# 10303319	•	. •	
	Address			Repair Organization P.O. No., Job No., etc.					
З.	Work Performed by _		Maintenance Department	Type Code Symbol Stamp Authorization No.		N/A			
			Name			N/A			
		•	Plant Vogtle	Expiration Date		N/A			
			Address						

4. Identification of System

5. (a) Applicable Construction Code <u>ASME SEC III</u> 19 77 Edition, <u>Winter 1977</u> Addenda, <u>N/A</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

1208 / Chemical and Volume Control System

6. Identification Of Components Repaired or Replaced and Replacement Components

·				National			Repaired,	ASME Code				
	Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)				
	PIPE SUPPORT	PULLMAN POWER RODUCTS	N/A	N/A	V1-1208-068-H002	1987	REPLACEMENT	YES				
					·		· · · · · ·					
	7. Description of Work <u>Snubber PSA-1/2</u> , serial #10703 was replaced with a Lisega Type 30 snubber serial #03615870/094 in accordance with DCP 99-VAN0033,											
	8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N/A N/A Other Pressure N/A PSI Test Temp. N/A °F											
	9. Remarks <u>See Item 7</u> Applicable Manufacturer's Data Reports to be attached											
	CERTIFICATE OF COMPLIANCE         We certify that the statements made in the report are correct and this											
$\mathbf{x}$		uthorization No.	/ N/A	·······	Expiration Date		N/A					
部にし	Signed <u>Jack Team Leader</u> Date <u>3/2.8/05</u>											
1												
	I, the undersigned, holding a valid commission issued by the national Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co. of Connecticut</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>07/22/04</u> to <u>4-1-05</u> , 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       Hannan       Commissions       CA203         Inspector's Signature       National Board, State, Province and Endorsements         Date       H-1-05											
l	Date <u>-1-05</u>											
$\cup$	$\lor$											
					-							

# FORM NIS-2 OWNER'S REPORT FOR REPLACEMENTS

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-11. 12-11 12-11

	•			As Required By	The Provisio	ns Of The ASME Code S	ection XI	Traveler #041	31
	1.	Owner	Southern Nuclear C	perating Company		Date	I	March 22, 2005	
5	<b></b>		40 Inverness Cente	r Parkway, Birmingl	ham, AL	Sheet	_ 1	of	1
	2.	Plant	Vogtle Electric Gen	Address erating Plant		Unit		1	
		·	Waynesboro, GA 3	Name 80830			103033	327	
				Address		Repair	Organization	P.O. No., Job No., et	ic.
	3.	Work Per	formed by <u>Ma</u>	intenance Departm	ent	Type Code Symbol Sta		N/A	
			P	Name ant Vogtle		Authorization No	<u> </u>	N/A 	
•	· 4.	Identifica	tion of System	Address		1301 / Main Steam	System		
	• 5. 6.	(b)Applic	able Construction C able Edition of Secti tion Of Components	on XI Utilized for F	Repairs or Re	74 Edition, <u>Winter</u> placements 19 <u>89</u> placement Components	<u>1975</u> Add	lenda, <u>N-249-1</u>	Code Case
		ame of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped
	the state of the s	nponent SUPPORT	Manufacturer PULLMAN	Serial No.	<u>No.</u>	Identification V1-1301-015-H007	Built 1987	or Replacement	(Yes or No) YES
			POWER			v 1-130 1-010411001	. 1507		
		·							
C	/ 8. 9.	Test Con Remarks		Other [] F	Pneumatic		. <u> </u>		
I	,			(	CERTIFICATE	OF COMPLIANCE	· · · ·	-	
	ASMI	e certify th E Code, Se Code Sym		ade in the report a	re correct an		<u>cement</u> pr replaceme	conforms to the conforms to the conforms to the conformation of the conformation	ne rules of the
<u>.</u>		_	thorization No.	DVA		Expiration Date		N/A	······································
μs	Signe		Owner or winer's	s Designee, Title	Team Leader	Date <u>'</u>	30/200	<u>بر</u>	
ī				CERT		NSERVICE INSPECTION			
	Provin <u>Conne</u> to	nce of <u>ecticut</u> ha <u>H-1-C5</u>	<u>Georgia</u> ve inspected the c , and state tha	commission issued and employed l components descri- t to the best of my	d by the natio by <u>Hartfor</u> ribed in this y knowledge	onal Board of Boiler and <u>d Steam Boiler Inspection</u> Owner's Report durin and belief, the Owner hace with the require	Pressure V <u>and Insuran</u> og the perio as performe	ce Co. of Connecticut odJuly 21, 200 d examinations and 1	of <u></u> 04 laken corrective
	and be lia	corrective ble in an	measures descri	bed in this Ow personal injury o	ners Report		her the In any kind ar	spector nor his	employer shall ected with this
	Dat 	le		 	•				

			ORI	GINAL					
				FOR REPAIRS OI					
	·· ·	• • •		•.		Traveler #04	133		
1. Owner	Southern Nuclear O	perating Company	,	Date		03/26/05			
· · ·	40 Inverness Center	Sheet	1	of	1				
2. Plant	A Vogtle Electric Gene	Unit		1	·				
	Waynesboro, GA 3	Name 0830			w	O# 10303326			
		ddress		Repair C		P.O. No., Job No., e	etc.		
3. Work Pe	rformed by <u>Mai</u>	ntenance Departm	ent	Type Code Symbol Sta	mp				
	· Pla	Name ant Vogtle		Authorization No.		<u> </u>			
	the second se	ddress		· · · · · ·					
4. Identifica	ation of System	<u> </u>		1301 / Main Steam	System				
Name of	Name of	Manufacturer	National Board	eplacement Component: Other	Year	Repaired, Replaced,	ASME Code Stamped		
Component PIPE	Manufacturer PULLMAN POWER	Serial No	No.	Identification V1-1301-105-H005	Built 1987	or Replacement	(Yes or No) YES		
SUPPORT	RODUCTS	18/25		V1+1301-103-F1003	1907		123		
	· · ·						· · ·		
	ion of Work <u>Snubber</u> P 99-VAN0033.	AD-5501, serial #2	229 was repla	aced with a Lisega Type 3	10 snubbe <u>r s</u> i	erial #04616450/053 i	n accordance		
8. Test Con			Pneumatic Pressure/	] Nominal Operating P <u>N/A</u> PSI Test Temp		<u>∕A</u> °F.			
9. Remarks	See Item 7			·			•		
		Арр	licable Manu	ufacturer's Data Reports	to be attach	ned			
We certify th	nat the statements ma				<i>cement</i> r replaceme		he rules of the		
ype Code Sym				N/A	t tepiaconi	int .			
	uthorization No.	N/A		Expiration Date	·	N/A			
	1.67	0 1	· · · ·				<u> </u>		

**CERTIFICATE OF INSERVICE INSPECTION** 

Owner or Owner's Designee, Title

I, the undersigned, holding a valid commission issued by the national Board of Boiler and Pressure Vessel Inspectors and the State and employed by \_\_\_\_\_Hartford Steam Boiler Inspection and Insurance Co. of Connecticut or Province of Georgia of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 07/22/04 to <u>3-3i-05</u>, 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. happenda Commissions GA203 National Board, State, Province and Endorsements Inspector's Signature Date 3-31-05

### GEPARS REPLACEMENTS FORM NIS-2 OWNER'S RE

A	s Required	By The	Provisions (	Of The A	SME Code	Section XI	

			As required by	- <i>:</i>			Traveler #041	39	
1.	Owner	Southern Nuclear Operating Company			Date		April 5, 2005		
		Name 40 Inverness Center Parkway, Birmingham, AL		ham, AL	Sheet	1	of	1	
2.	Plant	Vogtle Electric Ge	Address nerating Plant		· Unit		1		
			Name Waynesboro, GA 30830			10402518			
			Address		Repair	Organization	P.O. No., Job No., et	tc.	
3.	Work Per	formed by N	ent	Type Code Symbol Stamp N/A			·•		
				Authorization No.		N/A			
				Expiration Date			· · ·		
4.	Identificat	tion of System	Address		: 1201 / Reactor Cool	ant System			
5.		able Construction able Edition of Sec	Code <u>ASME SE</u> tion XI Utilized for F		7 Edition, <u>Winter</u> placements 19 <u>89</u>	<u>1977</u> Add	lenda, <u>N/A</u>	Code Case	
6.	Identificat	lion Of Component	ts Repaired or Repl	aced and Rep	lacement Components	· ·		•	
N	lame of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped	
	mponent	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)	
	SUPPORT	PULLMAN	N/A	N/A	1-1201-029-H024	1987	REPLACEMENT	YES	

Description of Work Snubber PSA-3, serial #28351 was replaced with snubber PSA-3, serial #28765 to support surveillance testing. 7.

**Test Conducted:** 8.

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L

Hydrostatic Pneumatic Other Pressure <u>N/A</u> Nominal Operating Pressure N/A PSI Test Temp. N/A

N/A 🔯

Remarks See Item 7 9.

Applicable Manufacturer's Data Reports to be attached

	CERTIFICATE OF COMP	PLIANCE	
	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 Expire	ation Date	N/A
; ;5	Signed Team Leader Dat	te 4/7/05	

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the national E	loard of Boiler and Pressure Vessel Inspectors and the State of
	am Boiler Inspection and Insurance Co. of Connecticut of Hartford
Connecticut have inspected the components described in this Owr	ner's Report during the period July 28, 2004
to $\underline{-4-8-05}$ , and state that to the best of my knowledge and k	pelief, 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 make and corrective measures described in this Owners Report. It be liable in any manner for any personal injury or property dama inspection <u>Commissions</u> Inspector's Signature Date <u>4-8-05</u>	Furthermore, neither the Inspector nor his employer shal ge or a loss of any kind arising from or connected with this

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

							140
1. Owner	Southern Nuclear O		, 	Date		03/29/05	
<i>)</i> .	40 Inverness Cente	Name <u>r Parkway, Birming</u> ddress	ham, AL	Sheet	1	of	1
2. Plant	Vogtle Electric Gen	erating Plant	·	Unit		1	
	Waynesboro, GA 3	Name 0830			W	O# 10402519	
	· · ·	ddress		Repair	Organization	P.O. No., Job No., e	tc.
3. Work Po	erformed by <u>Mai</u>	ntenance Departm	ent	Type Code Symbol S	tamp	N/A	
		Name ant Vogtle		Authorization No.		N/A	
4. Identific	A ation of System	ddress		1201 / Reactor Coc	lant System	•	
(b)Appli	icable Construction C cable Edition of Secti	on XI Utilized for	Repairs or F		nter 1977 Add	denda, <u>N/A</u>	Code Cas
			National			Depolered	ASME Cod
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other  Identification	Year Built	Repaired, Replaced, or Replacement	ASME Coo Stamped (Yes or No
 SUPPORT	PULLMAN POWER RODUCTS	N/A	N/A	V1-1201-042-H003	1987	REPLACEMENT	YES
							·
	_l		<u> </u>	· · ·	_{		
	nducted:	lydrostatic 🗌 P	103 was repl Pneumatic Pressure		Pressure	ipport surveillance tes 	ting
8. Test Co 9. Remark We certify t	nducted: H N/A X C s <u>See Item 7</u> that the statements ma	Hydrostatic P Dther P App	Pneumatic Pressure / licable Manu ERTIFICATE	Nominal Operating         V/A       PSI       Test Terr         ufacturer's Data Report         OF COMPLIANCE         nd this       reputation	Pressure		
8. Test Co 9. Remark	nducted: H N/A X C s <u>See Item 7</u> that the statements ma section XI.	Hydrostatic P Dther P App	Pneumatic Pressure / licable Manu ERTIFICATE	Nominal Operating         V/A       PSI       Test Terr         ufacturer's Data Report         OF COMPLIANCE         nd this       reputation	Pressure	//A ⁰F hedconforms to t	
8. Test Co 9. Remark We certify t ASME Code, S Type Code Syn	nducted: H N/A X C s <u>See Item 7</u> that the statements ma section XI.	Hydrostatic P Dther P App	Preumatic Pressure licable Manu ERTIFICATE are correct a	Nominal Operating         V/A       PSI       Test Tem         ufacturer's Data Report         OF COMPLIANCE         nd this       repair         N/A         Expiration Date	Pressure	//A ⁰F hed conforms to th ent N/A	· · · · · · · · · · · · · · · · · · ·
8. Test Co 9. Remark We certify t ASME Code, S Type Code Syn	nducted: H N/A X C s <u>See Item 7</u> that the statements ma section XI. mbol Stamp	Hydrostatic P Pother P Appl C ade in the report a N/A	Preumatic Pressure licable Manu ERTIFICATE are correct a	Nominal Operating         V/A       PSI       Test Tem         ufacturer's Data Report         OF COMPLIANCE         nd this       repair         N/A         Expiration Date	Pressure	//A ⁰F hed conforms to th ent N/A	
8. Test Co 9. Remark We certify t ASME Code, S Type Code Syn Certificate of A	nducted: H N/A X C s <u>See Item 7</u> that the statements ma section XI. mbol Stamp Authorization No.	Hydrostatic P Pother P Appl C ade in the report a N/A Designee, Title	Preumatic Pressure licable Manu ERTIFICATE are correct a <u>Team Lead</u>	Nominal Operating         V/A       PSI       Test Tem         ufacturer's Data Report         OF COMPLIANCE         nd this       repair         N/A         Expiration Date	Pressure $N$	//A ⁰F hed conforms to th ent N/A	
8. Test Co 9. Remark We certify t ASME Code, S Type Code Syn Certificate of <i>J</i> Signed , the undersig or Province of <u>Hartford, Com</u> o <u>3-3(-05</u> )	nducted: H N/A X C s <u>See Item 7</u> that the statements ma section XI. mbol Stamp Authorization No. Owner Owner's owner owner's ned, holding a valid <u>Georgia</u> necticut have inspec	Appleter App	Preumatic Pressure licable Manu ERTIFICATE are correct a <u>Team Lead</u> FICATE OF II red by the na loyed by hents descri of my knowl	Nominal Operating         V/A       PSI       Test Terr         ufacturer's Data Report         OF COMPLIANCE         Ind this       repair         N/A	Pressure N np. N ts to be attack dacement or replacement 2.9/2cco N r and Pressu Inspection and Report durin Owner has p	VA°F hedconforms to th entconforms to th entN/A	s and the S onnecticut 07/28/04 ons and ta
8. Test Co 9. Remark We certify the ASME Code, S Type Code Syncertificate of A Signed I, the undersigned I, the undersi	nducted: H N/A X C s <u>See Item 7</u> that the statements ma section XI. mbol Stamp Authorization No. Owner Owner's owner Owner's ned, holding a valid <u>Georgia</u> <u>necticut</u> have inspec , and state the asures described in his certificate, neither	Apple Apple Apple Apple Apple Apple Apple Cade in the report a N/A Designee, Title CERTIF commission issue and empleted the component to the best of this Owners Report of the component in the present of the sector the sector for th	Pressure Pressure licable Manu ERTIFICATE are correct a Team Leade FICATE OF II red by the national loyed by for knowl eport in action nor his emithis Owner r property contents	Nominal Operating <u>VA</u> PSI Test Terr Ufacturer's Data Report E OF COMPLIANCE and this <u>rep</u> repair <u>NA</u> Expiration Date <u>er</u> Date <u>P</u> NSERVICE INSPECTIO ational Board of Boile <u>Hartford Steam Boiler</u> bed in this Owner's ledge and belief, the cordance with the r apployer makes any we s Report. Furthermondamage or a loss of ons <u>CA205</u>	Pressure N p. N is to be attack dacement or replacement 29/2005 N r and Pressur <i>Inspection and</i> Report durin Owner has p equirements arranty, expr re, neither th any kind ari	VA°F hedconforms to th entconforms to th entN/A	s and the St onnecticut 07/28/04 ons and ta le, Section concerning employer s ected with
8. Test Co 9. Remark 9. Remark We certify the ASME Code, S Type Code Syn Certificate of A Signed I, the undersigned I, the undersigned I	nducted: H N/A X C s <u>See Item 7</u> that the statements ma fection XI. mbol Stamp Authorization No. Owner Owner's owner Owner's need, holding a valid <u>Georgia</u> necticut have inspection asures described in this certificate, neither and corrective measures of any panner for any p <u>Character</u>	Apple Apple Apple Apple Apple Apple Apple Cade in the report a N/A Designee, Title CERTIF commission issue and empleted the component to the best of this Owners Report of the component in the present of the sector the sector formation of the sector of the sector formation of the sector of th	Pressure Pressure licable Manu ERTIFICATE are correct a Team Leade FICATE OF II red by the national loyed by for knowl eport in action nor his emithis Owner r property contents	Nominal Operating <u>VA</u> PSI Test Terr Ufacturer's Data Report E OF COMPLIANCE and this <u>rep</u> repair <u>NA</u> Expiration Date <u>er</u> Date <u>P</u> NSERVICE INSPECTIO ational Board of Boile <u>Hartford Steam Boiler</u> bed in this Owner's ledge and belief, the cordance with the r apployer makes any we s Report. Furthermondamage or a loss of ons <u>CA205</u>	Pressure N p. N is to be attack dacement or replacement 29/2005 N r and Pressur <i>Inspection and</i> Report durin Owner has p equirements arranty, expr re, neither th any kind ari	VA°F hedconforms to the set of the ASME Code encoded or set of the set	s and the S <u>onnecticut</u> <u>07/28/04</u> ons and ta le, Section concerning employer s

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

1. Owne	r South	em Nuclear (	Operating Company		Date		April 5, 200	5	
$\checkmark$	 40 Inv	Name 40 Inverness Center Parkway, Birmingham, AL		nam Al	 Sheet	. 1	· of		1
2. Plant			Address nerating Plant	<u></u>	Unit				
Z. Fidin			Name					<u> </u>	
	Wayn	esboro, GA	30830 Address			104 epair Organizat	02526	ob No. et	
						epan Organizat	1011 F.O. 140., JU	50 NO., et	L.
3. Work Performed by <u>Maintenance Department</u> Name		ent	Type Code Sym Authorization No	· _		N/A			
					Expiration Date		<u></u>	N/A	<u> </u>
•			Address						
4. ident	fication of	System _	<u> </u>		1201 / Reactor	r Coolant Systen	<u>, .</u>		
		onstruction lition of Sect	Code <u>ASME SE</u> tion XI Utilized for F			Vinter 1977 V	Addenda, <u>N</u>	1-249-1	Code Ca
6. Identi	fication Of	Component	s Repaired or Repla	aced and Rej	placement Compor	nents			
Name				National	<u></u>		Repai		ASME Co
Name of Component		lame of nufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replace or Replace		Stamped (Yes or N
PIPE SUPPO	RT PU	ULLMAN POWER	N/A	N/A	V1-1201-051-H0				YES
·	Conducted			175 was repla	] Nominal Opera	erial #406 to sup ating Pressure Temp.		e testing.	
- 8. Test	Conducted	: /A 🔯	Hydrostatic [] I Other [] F	Pneumatic [[ Pressure	] Nominal Opera N/A PSI Test	ating Pressure[ Temp	• <u>///4</u> •		
- 8. Test	Conducted N	: /A 🔯	Hydrostatic [] I Other [] F App	Pneumatic [[ Pressure plicable Man	] Nominal Opera N/A PSI Test ufacturer's Data Re	ating Pressure[ Temp	• <u>///4</u> •		
8. Test 9. Rema	Conducted N rks <u>See</u>	i: /A 🔯 Item 7	Hydrostatic [] I Other [] F App	Pneumatic [[ Pressure plicable Man ERTIFICATI	Nominal Opera N/A PSI Test ufacturer's Data Re E OF COMPLIANCE d this	ating Pressure Temp eports to be atta REPLACEMENT	N/A •	F	e rules of th
8. Test 9. Rema We certif ASME Code	Conducted N rks <u>See</u> y that the s Section X	i: /A 🔯 //A 🖾 //A statements m	Hydrostatic [] F Other [] F App	Pneumatic [[ Pressure plicable Man ERTIFICATI	Nominal Opera N/A PSI Test ufacturer's Data Re E OF COMPLIANCE d this <u>F</u>	ating Pressure[ Temp eports to be atta REPLACEMENT epair or replace	N/A •	F	e rules of th
8. Test 9. Rema We certif ASME Code Type Code	Conducted N rks <u>See</u> y that the s Section X Symbol Sta	: /A 🔯 //A talements m 1.	Hydrostatic [] F Other [] F App nade in the report an	Pneumatic Pressure Dicable Man ERTIFICATI re correct an	Nominal Opera N/A PSI Test ufacturer's Data Re E OF COMPLIANCE d this re N/A	ating Pressure Temp eports to be atta REPLACEMENT epair or replace	Ached conforment	F orms to th	e rules of th
8. Test 9. Rema We certifi ASME Code Type Code S Certificate o	Conducted N rks <u>See</u> y that the s Section X Symbol Sta	: /A 🔯 //A talements m 1.	Hydrostatic [] F Other [] F App	Pneumatic Pressure Dicable Man CERTIFICATI re correct an	Nominal Opera <u>N/A</u> PSI Test ufacturer's Data Re E OF COMPLIANCE d this <u>F</u> re <u>N/A</u> Expiration Da	ating Pressure Temp eports to be atta REPLACEMENT epair or replace A	N/A °i	F	e rules of th
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8. Test 9. Rema We certifi ASME Code Type Code S Certificate o	Conducted N rks <u>See</u> that the s Section X Symbol Sta	ttem 7	Hydrostatic I F Other I F App nade in the report an N/A	Pneumatic Pressure Dicable Man ERTIFICATI re correct an Team Leade	Nominal Opera <u>N/A</u> PSI Test ufacturer's Data Re E OF COMPLIANCE d this <u>F</u> re <u>N/A</u> Expiration Da	ating Pressure[ Temp eports to be atta REPLACEMENT epair or replace A ate A	N/A °i	F orms to th	e rules of th
8. Test 9. Remains We certificate of Certificate of Signed	Conducted N rks <u>See</u> y that the s Section X Symbol Sta Symbol Sta Symbol Sta Generation Own	ttem 7	Hydrostatic I F Other App App nade In the report an N/A 's Designee, Title CERTI commission issued	Pneumatic Pressure Dicable Man ERTIFICATI re correct an FICATE OF I by the nation by Hartfor ibed in this y knowledge	Nominal Opera N/A PSI Test ufacturer's Data Re E OF COMPLIANCE d this Expiration Da r Date INSERVICE INSPEC onal Board of Boiler onal Board of Boiler s Owner's Report and belief, the Ow	ating Pressure Temp eports to be atta REPLACEMENT epair or replace A ate A CTION er and Pressure ection and Insur during the p ymer has perform		F prms to th <u>N/A</u> ctors and <u>nnecticut</u> <u>27, 200</u> ons and to	the State of <u></u> M4 aken correc
8. Test 9. Remains We certific ASME Code Type Code S Certificate of Signed	Conducted N rks <u>See</u> y that the s Section X Symbol Sta ymbol Sta	tem 7 tem 7 tatements m tatemonts m tation No. orgia ding a valid orgia pected the and state th in this of cate, neither ures descr	Hydrostatic I F Other App App nade in the report an N/A 's Designee, Title CERTI commission issued and employed t components descr at to the best of my	Pneumatic [] Pressure Dicable Man ERTIFICATI ECOTRECT an Team Leade FICATE OF I by the national by <u>Hartfor</u> ibed in this y knowledge in accordantis employer ners Report	Nominal Opera N/A PSI Test ufacturer's Data Re E OF COMPLIANCE d this Expiration Da r Date INSERVICE INSPEC onal Board of Boiler rd Steam Boiler Insp s Owner's Report and belief, the Own nce with the r makes any warran t. Furthermore,	ating Pressure Temp. aports to be attant aports to be attant <i>REPLACEMENT</i> epair or replace A <i>A</i> <i>A</i> <i>CTION</i> er and Pressure <i>bection and Insur</i> during the p mer has perform requirements ty, expressed of neither the		F prms to th N/A ctors and <u>nnecticut</u> <u>v</u> 27, 200 ons and ta E Code, cerning th or his e	the State of <u></u> aken correct , Section the examination
8. Test 9. Remains We certificate of ASME Code Type Code S Certificate of Signed	conducted N rks <u>See</u> y that the s Section X Symbol Sta ymbol Sta	ttem 7	Hydrostatic I F Other I F App App ade In the report at N/A 's Designee, Title CERTI commission issued and employed to components descr at to the best of my Owners Report in the Inspector nor hr ibed in this Ow personal injury of	Pneumatic [] Pressure Dicable Man ERTIFICATI ECOTRECT an Team Leade FICATE OF I by the national by <u>Hartfor</u> ibed in this y knowledge in accordantis employer ners Report	Nominal Opera NA PSI Test ufacturer's Data Re E OF COMPLIANCE d this F C Expiration Dat T Date Date NSERVICE INSPEC onal Board of Boile <i>d Steam Boiler Insp</i> s Owner's Report and belief, the Own nce with the r makes any warran t. Furthermore, damage or a loss ons CA 20	ating Pressure Temp. aports to be attant REPLACEMENT epair or replace A ate A CTION er and Pressure bection and Insure during the power has perform requirements aty, expressed of a neither the s of any kind		F ctors and <u>nnecticut</u> <u>77, 200</u> ons and t E Code, cerning th or his e or conne	the State of <u>Harth</u> aken correc , Section e examinati mployer s ected with
8. Test 9. Remains the second	conducted N rks <u>See</u> y that the s Section X Symbol Sta ymbol Sta	ttem 7	Hydrostatic I F Other I F App App ade In the report at N/A 's Designee, Title CERTI commission issued and employed to components descr at to the best of my Owners Report in the Inspector nor hr ibed in this Ow personal injury of	Pneumatic [] Pressure Dicable Man ERTIFICATI re correct an Team Leade FICATE OF I I by the nation y Hartfor ibed in this y knowledge in accordan is employer ners Repor r property	Nominal Opera NA PSI Test ufacturer's Data Re E OF COMPLIANCE d this F C Expiration Dat T Date Date NSERVICE INSPEC onal Board of Boile <i>d Steam Boiler Insp</i> s Owner's Report and belief, the Own nce with the r makes any warran t. Furthermore, damage or a loss ons CA 20	ating Pressure Temp. aports to be atta REPLACEMENT epair or replace A ate A CTION er and Pressure ection and Insur during the p mer has perform requirements ty, expressed co neither the s of any kind 3		F ctors and <u>nnecticut</u> <u>77, 200</u> ons and t E Code, cerning th or his e or conne	the State of <u>Harth</u> aken correc , Section e examinati mployer s ected with

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

			•			Traveler#	04146
1.	Owner	Southern Nu	clear Operating Company	Date	· ·	April 4, 2005	
			Name		<u> </u>		
		40 Inverness	Center Parkway, Birmingham, AL	Sheet	1	of	.1
		•	Address				
2.	Plant	Vogtle Electr	ic Generating Plant	Unit .		1	
			Name	-		•	
		Waynesboro	, GA 30830		10402	520	·
		·	Address	R	epair Organizatio	n P.O. No., Job I	No., etc.
3.	Work Per	rformed by	Maintenance Department	Type Code Sym	e Symbol Stamp N/Aion No. N/A		
			Name	Authorization N			
		·	Plant Vogtle	Expiration Date			/A
		<u></u>	Address				
4.	Identifica	tion of Syster	n	1204 / Safety	Injection System	•	

5. (a) Applicable Construction Code <u>ASME SEC III</u> 19 77 Edition, <u>Winter 1977</u> Addenda, <u>N/A</u> Code Case (b)Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification Of Components Repaired or Replaced and Replacement Components

	Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	PIPE SUPPORT	PULLMAN POWER	N/A	N/A	V1-1204-124-H014	1987	REPLACEMENT	YES
							· .	
	7. Descript	ion of Work <u>Snub</u>	ber PSA -35, serial #	11503 was re	eplaced with PSA-35, seria	l #12264 to si	upport surveillance tes	ting
	·							
C	) 8. Test Coi	nducted: N/A 🔯		Pneumatic[[ Pressure	Nominal Operating F		/ <u>A</u> •F	
	9. Remarks	See Item 7	Apr	licable Man	ufacturer's Data Reports	to be attach	ed	
1					E OF COMPLIANCE			
	We certify th ASME Code, Se	nat the statements me			nd thisREPLA	CEMENT	conforms to the	ne rules of the
	Туре Code Syn							
.	Certificate of A	uthorization No.	N/A		Expiration Date		N/A	
5	Signed M	Durolan Owner or Owner	's Designee, Title	Team Leade	pr Date 4/4	2005		
• •						·		
	Province of Connecticut has to <u>4-7-05</u>	Georgia ive inspected the , and state the	commission issued and employed b components descr at to the best of my	by the nation <u>Hartfo</u> by <u>Hartfo</u> ibed in this knowledge	INSERVICE INSPECTION ional Board of Boiler and <u>rd Steam Boiler Inspection</u> s Owner's Report durin and belief, the Owner h ince with the require	l Pressure V and Insuran ng the perio as performe	ce Co. of Connecticut odJuly_25,_200 d examinations and t	of <u>Hartford</u> 04 aken corrective
	and corrective	measures descr y manner for any	ibed in this Own	ners Repo r property	makes any warranty, ex rt. Furthermore, neit damage or a loss of ions <i>CA 203</i>	her the In	spector nor his	employer shall
		Inspector's Signatu	re			, State, Provi	ince and Endorseme	nts
C	,	<u> </u>		•	·		<u> </u>	

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

Traveler # 04151 Southern Nuclear Operating Company Date March 22, 2005 1. Owner Name • 40 Inverness Center Parkway, Birmingham, AL Sheet 1 of 1 Address 2. Plant -Vogtle Electric Generating Plant Unit 1 Name 10402514 Waynesboro, GA 30830 Repair Organization P.O. No., Job No., etc. Address Type Code Symbol Stamp N/A 3. Work Performed by Maintenance Department Authorization No. N/A Name Plant Vogtle **Expiration Date** N/A Address 4. Identification of System 1206 / Containment Spray System

5. (a) Applicable Construction Code <u>ASME SEC III</u> 19 74 Edition, <u>Winter 1975</u> Addenda, <u>N/A</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification Of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
IPE SUPPORT	PULLMAN POWER	27598	N/A	1-1206-005-H010	1987	REPLACEMENT	YES
7. Descriptio	on of Work <u>Snubl</u>	ber PSA-3, serial #24	1698 was repla	aced with snubber PSA-3,	serial #2759	8 to support surveilland	e testing.
		·			<u></u>	·····	·
8. Test Con	N/A 🔀			Nominal Operating I //A PSI Test Temp		<u>″A</u> ⁰F	
9. Remarks	See Item 7	Apr	licable Manu	facturer's Data Reports	to be attact	ned	
ype Code Symi ertificate of Au igned	thorization No	N/A s Designee, Title	/ Team Leader	Expiration Date	730/2		
				NSERVICE INSPECTION			
rovince of	Georgia	and employed t	by <u>Hartfor</u>	nal Board of Boiler and <u>Steam Boiler Inspection</u>	and Insuran	ce Co. of Connecticut	of <u></u>
4-1-05	, and state the	at to the best of my	/ knowledge	Owner's Report durin and belief, the Owner h ace with the require	as performe	d examinations and t	aken correct
nd corrective	measures descri	ibed in this Ow	ners Report	makes any warranty, ex t. Furthermore, neit damage or a loss of a	her the lr	spector nor his	employer s
YNB	Chapman		Commissio	ons <u>CA2C3</u>	v Ctoto Drovi		
	nspector's Signatu	re		National Board	State, Prov	ince and Endorseme	แร
Date 4-1	-15						

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		•	· ·		ns Of The ASME Code S		Traveler #04	153
1. Ow	ner	Southern Nuclear O	perating Company		Date		03/26/05	
$\checkmark$	-	40 Inverness Center	Name Parkway, Birming	iham, AL	Sheet	1	of	1
2. Pla			ddress	. <u></u>				
<b>_</b> , , , , ,			Name					
	•	Waynesboro, GA 30	.ddress		Repair C		<i>0# 10402523</i> P.O. No., Job No., e	tc.
3. Wo	rk Perf	ormed by Maïr	ntenance Departm	ent	Type Code Symbol Sta	mp	N/A	
•		· · · · ·	Name Int Vogtle		Authorization No.		N/A N/A	
•••		A	ddress	·	•			
4. Idei	ntificati	ion of System			1301 / Main Steam	System	· 	
		ble Construction Construction Construction Construction				er 1977 Add	enda, <u>N/A</u>	Code Ca
4(0)	фриса	Die Edition of Section	on XI Gunzed for	nepairs or n	ieplacements 19 <u>09</u>		•	
6. Ider	ntificati	ion Of Components	Repaired or Rep	laced and Re	eplacement Components	S		
	.			National	011		Repaired,	ASME Co
Name o Compon		Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stampe (Yes or N
PIPE SUPPO		PULLMAN POWER RODUCTS	· N/A	N/A	V1-1301-104-H005	1987	REPLACEMENT	YES
30770	<u>"</u>		<u></u>	╏╾───╂			<u> </u>	
<u>wit</u> 8 Tes	h DCP t Cond	99-VAN0033. lucted: H N/A X C	lydrostatic 🗍 F		olaced with a Lisega Type Nominal Operating P V/A PSI Test Temp	Pressure		in accorda
<u>wit</u> 8 Tes	h DCP t Cond	99-VAN0033	lydrostatic	Pneumatic Pressure	Nominal Operating P	Pressure [] b N/	<u>⁄/ </u> ۴	in accorda
<u>wit</u> 8 Tes	h DCP t Cond	99-VAN0033. lucted: H N/A X C	Hydrostatic  F Dther  F App	Pneumatic Pressure /	] Nominal Operating P <u>V∕A</u> PSI Test Temp	Pressure [] b N/	<u>⁄/ </u> ۴	in accordar
<u>wit</u> 8 Tes 9. Rer We cer	t Cond narks	99-VAN0033. lucted: H N/A X C See Item 7 t the statements ma	iydrostatic ] F Dther ] F App C	Pneumatic Pressure / licable Manu	Nominal Operating P <u>VA</u> PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE nd this <u>repla</u>	to be attach	<pre>/// ℃F</pre> <pre>/// ℃F</pre> <pre> conforms to to</pre>	
<u>wit</u> 8 Tes 9. Rer We cer ASME Cod	h DCP t Cond narks tify tha de, Sec	99-VAN0033. Iucted: H N/A [X] C See Item 7 	iydrostatic ] F Dther ] F App C	Pneumatic Pressure / licable Manu	Nominal Operating P         V/A       PSI       Test Temp         Ifacturer's Data Reports         OF COMPLIANCE         nd this       repla         repair of	to be attach	<pre>/// ℃F</pre> <pre>/// ℃F</pre> <pre> conforms to to</pre>	
wit 8 Tes 9. Rer We cer ASME Cod	t Cond narks tify tha de, Sec e Symb	99-VAN0033. Iucted: H N/A [X] C See Item 7 	iydrostatic ] F Dther ] F App C	Pneumatic Pressure licable Manu ERTIFICATE are correct a	Nominal Operating P <u>VA</u> PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE nd this <u>repla</u>	to be attach	<pre>/// ℃F</pre> <pre>/// ℃F</pre> <pre> conforms to to</pre>	
<u>wit</u> 8 Tes 9. Rer ASME Cod Type Code Certificate	t Cond narks tify tha de, Sec e Symb	99-VAN0033. Iucted: H N/A [X] C See Item 7 to the statements ma tion XI. pol Stamp	iydrostatic [] F Other [] F App C ade in the report a	Pneumatic Pressure licable Manu ERTIFICATE are correct a	Nominal Operating P VA PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE nd this <u>repla</u> repair o N/A Expiration Date	to be attach	<u>// </u> •F ned conforms to t <i>N/A</i>	
<u>wit</u> 8 Tes 9. Rer We cer ASME Cod	t Cond narks tify tha de, Sec e Symb	99-VAN0033. Iucted: H N/A [X] C See Item 7 to the statements ma tion XI. pol Stamp	App App Ade in the report a	Pneumatic Pressure licable Manu ERTIFICATE are correct a	Nominal Operating P VA PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE nd this <u>repla</u> repair o N/A Expiration Date	to be attach	<u>// </u> •F ned conforms to t <i>N/A</i>	
wit 8 Tes 9. Rer ASME Cod Type Code Certificate	t Cond narks tify tha de, Sec e Symb	99-VAN0033. Iucted: H N/A X C See Item 7 It the statements mathematical tool Stamp Inorization No. I Green	iydrostatic [] F Dther [] F App ade in the report a N/A Designee, Title	Pneumatic Pressure licable Manu ERTIFICATE are correct a Team Lead	Nominal Operating P         VA       PSI         Test Temp         ifacturer's Data Reports         OF COMPLIANCE         nd this       repla         repair of         N/A        Expiration Date         er       Date         2	$ressure \square N$ to be attach <u>cement</u> or replaceme	<u>// </u> •F ned conforms to t <i>N/A</i>	
wit 8 Tes 9. Rer 9. Rer ASME Coo Type Code Certificate Signed	t Cond narks tify that de, Sec e Symb	99-VAN0033. Iucted: H N/A X C See Item 7 It the statements manual thorization XI. bol Stamp thorization No.	iydrostatic [] F Dther [] App App ade in the report a N/A Designee, Title CERTI commission issue	Preumatic Pressure licable Manu ERTIFICATE are correct a <u>Team Lead</u> FICATE OF I	Nominal Operating P         VA       PSI         Idacturer's Data Reports         OF COMPLIANCE         nd this       repair of         N/A         Expiration Date         er       Date         NSERVICE INSPECTION         ational Board of Boiler	to be attach <u>cement</u> <u>replaceme</u> <u><u>q</u>/2 <u>ce</u> and Pressure</u>	<pre>/A °F ned conforms to t mt N/A</pre>	he rules of
wit 8 Tes 9. Rer 9. Rer ASME Cod Certificate Signed I, the under or Provinc	t Cond narks tify that e, Sec e Symb of Aut	99-VAN0033. Iucted: H N/A X C See Item 7 It the statements mathematical statematical statematical statements mathematical s	iydrostatic [] F Dther [] App App ade in the report a N/A Designee, Title CERTI commission issu and emp	Preumatic Pressure licable Manu ERTIFICATE are correct a <u>Team Lead</u> FICATE OF I hed by the n loyed by	Nominal Operating P VA PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE nd this <u>repair</u> of N/A Expiration Date er Date <u>3</u> NSERVICE INSPECTION ational Board of Boiler Hartford Steam Boiler In	to be attach cement or replaceme 9/200 and Pressur	<pre>/A °F ned conforms to t int N/A</pre>	he rules of
wit 8 Tes 9. Rer 9. Rer ASME Cod Certificate Signed I, the under or Provinc <u>Hartford</u> to <u>3 - 3</u>	t Cond narks tify tha de, Sec Symb of Aut ersigne e of	99-VAN0033. Iucted: H N/A X C See Item 7 It the statements matter the statements matter thorization No. Compared of the statements matter See Item 7 Compared of the statements matter thorization No. Compared of the statements matter See Compared of the statements matter thorization No. Compared of the statements mat	App App App Ade in the report a N/A Designee, Title CERTI commission issue and emport ted the comport to the best of	Preumatic Pressure licable Manu ERTIFICATE are correct a <u>Team Lead</u> FICATE OF I hed by the n loyed by hents descri of my know	Nominal Operating P         VA       PSI       Test Temp         Itacturer's Data Reports         OF COMPLIANCE         nd this       repair of         NXA        Expiration Date         er       Date         Date       2         NSERVICE INSPECTION         ational Board of Boiler         Hartford Steam Boiler In         bed in this Owner's F         ledge and belief, the O	to be attach cement or replaceme 9/200 and Pressur Report durin owner has p	<pre>//A °F ned conforms to t int N/A re Vessel Inspector d Insurance Co. of Co ing the period performed examinat</pre>	he rules of s and the s onnecticut 07/22/04 ions and t
wit 8 Tes 9. Rer 9. Rer ASME Cod Certificate Signed I, the under or Provinc <u>Hartford</u> to <u>3 - 3</u>	t Cond narks tify tha de, Sec Symb of Aut ersigne e of	99-VAN0033. Iucted: H N/A X C See Item 7 It the statements matter the statements matter thorization No. Compared of the statements matter See Item 7 Compared of the statements matter thorization No. Compared of the statements matter See Compared of the statements matter thorization No. Compared of the statements mat	App App App Ade in the report a N/A Designee, Title CERTI commission issue and emport ted the comport to the best of	Preumatic Pressure licable Manu ERTIFICATE are correct a <u>Team Lead</u> FICATE OF I hed by the n loyed by hents descri of my know	Nominal Operating P         VA       PSI         Test Temp         Idacturer's Data Reports         OF COMPLIANCE         nd this       repla         repair of         N/A            Expiration Date         er       Date         NSERVICE INSPECTION         ational Board of Boiler         Hartford Steam Boiler In         bed in this Owner's F	to be attach cement or replaceme 9/200 and Pressur Report durin owner has p	<pre>//A °F ned conforms to t int N/A re Vessel Inspector d Insurance Co. of Co ing the period performed examinat</pre>	he rules of s and the S onnecticut 07/22/04 ions and ta
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wit 8 Tes 9. Rer 9. Rer ASME Cod Type Code Certificate Signed ( Signed ( I, the under or Province <u>Hartford,</u> to <u>3-3</u> corrective By signine	t Cond narks tify that de, Sec Symb of Aut ersigne e of <u>Conne</u> <u>Conne</u> <u>n</u> eas ng this	99-VAN0033. lucted: H N/A X C See Item 7 the statements mathematical for the state statements mathematical for the state statements mathematical for the state statements mathematical for the statements mathematical for	App App Cade in the report a N/A Designee, Title CERTI COmmission issues and emport this Owners R this Owners R or the Inspector res described in	Preumatic Pressure // Pressure // Pressure // Pressure // Pressure // Pressure // ERTIFICATE are correct a Team Lead FICATE OF I Pred by the n loyed by Ficate description of my known eport in ac nor his em this Owner	Nominal Operating P VA PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE nd this <u>repla</u> repair o N/A Expiration Date er Date <u>2</u> NSERVICE INSPECTION ational Board of Boiler Hartford Steam Boiler In bed in this Owner's F ledge and belief, the O ccordance with the re- ployer makes any war s Report. Furthermore damage or a loss of a	to be attach <u>cement</u> or replaceme <u>q/2</u> and Pressur <u>spection and</u> Report durin <u>bwner has p</u> quirements pranty, expre-	A °F  ned conforms to t int N/A re Vessel Inspector d Insurance Co. of Co ing the period performed examinat of the ASME Coo essed or implied, of e Inspector nor his	he rules of s and the S <u>onnecticut</u> <u>07/22/04</u> ions and ta de, Section concerning employer s
wit 8 Tes 9. Rer 9. Rer ASME Cod Type Code Certificate Signed C I, the unde or Province <u>Hartford</u> to <u>3-3</u> corrective By signine examination	t Cond narks tify tha de, Sec Symb of Aut ersigne e of <u>Conse</u> meas in any	99-VAN0033. Iucted: H N/A X C See Item 7 At the statements mathematical statements mathematical statements mathematical statements mathematical statements mathematical statements mathematical statements and state the security have inspective measures described in securificate, neither discorrective measures manner for any p	App App App C ade in the report a N/A Designee, Title CERTI CERTI COmmission issues and emp ted the compor this Owners R or the inspector res described in personal injury o	Preumatic Pressure // Pressure	Nominal Operating P VA PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE Ind this <u>repla</u> repair o N/A Expiration Date er Date <b>3</b> /2 NSERVICE INSPECTION ational Board of Boiler Hartford Steam Boiler In bed in this Owner's F ledge and belief, the O ccordance with the re- apployer makes any war s Report. Furthermore damage or a loss of a ons CA 2C 3	to be attach <u>cement</u> or replaceme <u>q/2</u> and Pressur <u>report durin</u> wher has p quirements rranty, expre- , neither the my kind aris	A °F  ned conforms to t int N/A re Vessel Inspector d Insurance Co. of Co ing the period performed examinat of the ASME Coo essed or implied, of e Inspector nor his	he rules of s and the S <u>onnecticut</u> <u>07/22/04</u> ions and ta de, Section concerning employer s ected with
wit 8 Tes 9. Rer 9. Rer ASME Cod Type Code Certificate Signed C I, the unde or Province <u>Hartford</u> to <u>3-3</u> corrective By signine examination	t Cond narks tify tha de, Sec Symb of Aut ersigne e of <u>Conne</u> <u>neas</u> in any <u>In</u>	99-VAN0033. Incred: H N/A X C See Item 7 At the statements matching XI. For Stamp thorization No. Compared of the state of	App App App C ade in the report a N/A Designee, Title CERTI CERTI COmmission issues and emp ted the compor this Owners R or the inspector res described in personal injury o	Preumatic Pressure // Pressure	Nominal Operating P VA PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE Ind this repla repair o N/A Expiration Date er Date 3/2 NSERVICE INSPECTION ational Board of Boiler Hartford Steam Boiler In bed in this Owner's F ledge and belief, the O ccordance with the re- apployer makes any war s Report. Furthermore damage or a loss of a ons CA 2C3	to be attach <u>cement</u> or replaceme <u>q/2</u> and Pressur <u>report durin</u> wher has p quirements rranty, expre- , neither the my kind aris	A °F	he rules of s and the s <u>onnecticut</u> <u>07/22/04</u> ions and ta de, Section concerning employers ected with
wit 8. Tes 9. Rer 9. Rer ASME Cod Type Code Certificate Signed & I, the unde or Province <u>Hantford,</u> to <u>3-3</u> corrective By signific examination be liable inspection	t Cond narks tify tha de, Sec Symb of Aut ersigne e of <u>Conne</u> <u>neas</u> in any <u>In</u>	99-VAN0033. Incred: H N/A X C See Item 7 At the statements matching XI. For Stamp thorization No. Compared of the state of	App App App C ade in the report a N/A Designee, Title CERTI CERTI COmmission issues and emp ted the compor this Owners R or the inspector res described in personal injury o	Preumatic Pressure // Pressure	Nominal Operating P VA PSI Test Temp Ifacturer's Data Reports OF COMPLIANCE Ind this repla repair o N/A Expiration Date er Date 3/2 NSERVICE INSPECTION ational Board of Boiler Hartford Steam Boiler In bed in this Owner's F ledge and belief, the O ccordance with the re- apployer makes any war s Report. Furthermore damage or a loss of a ons CA 2C3	to be attach <u>cement</u> or replaceme <u>q/2</u> and Pressur <u>report durin</u> wher has p quirements rranty, expre- , neither the my kind aris	A °F	he rules of s and the S <u>onnecticut</u> <u>07/22/04</u> ions and ta de, Section concerning employer s ected with

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

		•	• • •			Traveler#	04154	
1.	Owner	Southern Nu	clear Operating Company	Date		April 4, 2005		
	•	40 Inverness	Name S Center Parkway, Birmingham, AL	Sheet	1	of	1.	
2.	Plant	Vogtle Electr	Address ic Generating Plant	Unit		1		
		Waynesbord	Name b, GA 30830		· 10402	2529		
		<u></u>	Address	· F	Repair Organizatio	n P.O. No., Job N	lo., etc.	
	Work Pe	rformed by	Maintenance Department	Type Code Syn	nbol Stamp	N	4	
		-	Name	Authorization N	ło	N/	A .	
			Plant Vogtle	Expiration Date	; <u> </u>	N/	4	
8.	· Identific:	ation of Syster	Address	1301 / Main	Steam System			

5. (a) Applicable Construction Code <u>ASME SEC III</u> 19 77 Edition, <u>Winter 1977</u> Addenda, <u>N-249-1</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification Of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE SUPPORT	PULLMAN POWER	N/A	N/A	V1-1301-106-H003	1987	REPLACEMENT	YES
			·	· · ·			
7. Description	on of Work <u>Snub</u>	ber AD -12501, seria	l #30 was rep	vaced with AD-12501, seri	al #52 to supp	port surveillance testing	g
				······································		······	
8. Test Con	ducted: N/A 🔯		Pneumatic	Nominal Operating Nominal Operating Nominal Operating N/A PSI Test Tem		/A •F	
9. Remarks	See Item 7		-				<u></u>
			plicable Man	ufacturer's Data Reports	s to be attach		
		C náde in the report a		E OF COMPLIANCE Ind this <u>REPLA</u>	ACEMENT	conforms to t	he rules of the
ASME Code, Se				•	or replaceme	ent -	
Type Code Sym			•·······	N/A			
Certificate of Au	nnorization No.	N/A		Expiration Date	<u> </u>	N/A	
Signed W.	Owner or Owner	's Designee, Title	Team Leade	Date 4	4/20	<u></u>	
	,,,,,,,,	CERT	FICATE OF	INSERVICE INSPECTION	<u> </u>		
the undersign	ed, bolding a valid			onal Board of Boiler and		essel inspectors and	the State
province of	Georgia	and employed I	by <u>Hartfo</u> l	rd Steam Boiler Inspectior	<u>and Insuran</u>	ce Co. of Connecticut	of
				s Owner's Report duri and belief, the Owner h			
				nce with the requir			
and corrective	measures descr	ibed in this Ow	mers Repor	makes any warranty, ex rt. Furthermore, nei damage or a loss of	ther the Ir	spector nor his	employer sh

be	liable	in	any	manner	for	any	F
ins	pection	n.	÷.	nll			
	· <i>YI</i>	11	31	Jus	ua	m	-

Commissions Inspector's Signature

CA203 \* National Board, State, Province and Endorsements

4-8-05 Date

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## ORIGINAL

FORM NIS-2 OWNER'S	<b>5 REPORT FOR REPAIRS</b>	OR REPLACEMENTS

	• •		As Required By Th	he Provisio	ons Of The ASME Code S	Section XI	Traveler #04	156
	1. Owne	r Southern Nuclear C	perating Company		Date	<u>.</u>	03/26/05	
L.			Name er Parkway, Birmingt	nam, AL	Sheet	1	of	1
	2. Plant	Vogtle Electric Ger	Address erating Plant		Unit		· 1 ·	
		Waynesboro, GA	Name 30830			W	O# 10402524	• •
			Address	<u></u>	Repair (	Organization	P.O. No., Job No., e	tc.
	3. Work	Performed by <u>Ma</u>	intenance Departme Name	ent	Type Code Symbol Sta Authorization No.	imp		
			ant Vogtle		Expiration Date		N/A	
	4. Identi	fication of System	Address		1301 / Main Stean	n System	. <u> </u>	
	(b)Ap	plicable Construction ( plicable Edition of Sect fication Of Component	ion XI Utilized for F	Repairs or I		<u>er 1977</u> Add s	enda, <u>N-249-1</u>	Code Case
	Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped
	Componen PIPE SUPPORT	PULLMAN POWER	Serial No. N/A	<u>No.</u> N/A	Identification V1-1301-111-H004	Bullt 1987	or Replacement REPLACEMENT	(Yes or No) YES
					,,,,,,,			
	ASME Code Type Code S	y that the statements m , Section XI. Symbol Stamp	CE	RTIFICATI		ito be attach	conforms to t	ne rules of the
Parts	Signed	Owner Wowner's	last	Team Lead		9/20.		
1	<u> </u>		CERTIF		INSERVICE INSPECTION	1		
	or Province <u>Hartford, Co</u> to <u>3-37</u>	of <u>Georgia</u> onnecticut have inspe -05, and state t	and emploind employed the component of the best	oyed by ents descr my know	ational Board of Boiler <u>Hartford Steam Boiler II</u> ibed in this Owner's I ledge and belief, the C ccordance with the re	nspection and Report durin Owner has p	<u>I Insurance Co. of Co</u> og the period erformed examinati	onnecticuto 07/28/04 ons and take
•	examination	any manner for any B Chammerer	ures described in t personal injury or	this Owner		e, neither the any kind ari	Inspector nor his	employer sha ected with thi
	Date <u>3</u>	Inspector's Signatur	e . 		wadonai Board,	State, Provi	nce and Endorseme	1115
ب ا	L					·		
$\sim$	/						•	
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					•			

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

Traveler # 04160 Owner Southern Nuclear Operating Company Date March 22, 2005 1. Name 1 1 40 Inverness Center Parkway, Birmingham, AL Sheet of Address Plant Vogtle Electric Generating Plant Unit 2. 1 Name Waynesboro, GA 30830 10402543 Repair Organization P.O. No., Job No., etc. Address . . Type Code Symbol Stamp N/A 3. Work Performed by Maintenance Department Authorization No. N/A Name Plant Vogtle **Expiration Date** N/A Address Identification of System 1301 / Main Steam System 4.

5. (a) Applicable Construction Code <u>ASME SEC III</u> 19 77 Edition, <u>Winter 1977</u> Addenda, <u>N-249-1</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification Of Components Repaired or Replaced and Replacement Components

1

	ame of mponent	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	N/A	N/A	V1-1301-230-H005	1987	REPLACEMENT	YES
7.	Descripti	on of Work <u>Snub</u>	ber AD-501, serial #1	35 was repla	ced with a rigid strut in ac	cordance with	DCP 04-V1N0003	<u>.</u>
				······				
<b>8.</b>	Test Con	N/A 🔀			Nominal Operating I		<u>//A</u> •F	
э.	Remarks	See Item 7	App	olicable Man	ufacturer's Data Reports	to be attach	ned	
ASM Type	E Code, Se Code Sym	ction XI. bol Stamp	nade in the report a	re correct an	repair o N/A	or replaceme	· .	he rules of the
Certi	ficate of Au	$\frac{1}{2}$	N/A		Expiration Date		N/A	
Sign در	ed	Owner or Owner	's Designee, Title	Team Leade	r Date 3/	30/20	ng -	
			CEPTI		INSERVICE INSPECTION			
Provi <u>Conn</u> to	nce of ecticut hav	Georgia ve inspected the of th	commission issued and employed b components descri at to the best of my	by the nation by <u>Hartfo</u> ibed in this knowledge	onal Board of Boiler and rd <u>Steam Boiler Inspection</u> Owner's Report durin and belief, the Owner h nce with the require	l Pressure V and Insuran og the perio as performe	<u>ce Co. of Connecticut</u> d <u>August 3, 20</u> d examinations and 1	of <u>Hartford.</u> 04 taken corrective
and be lia	corrective	measures descr	ibed in this Ow	ners Repoi r property	makes any warranty, ex rt. Furthermore, neit damage or a loss of	her the In	spector nor his	employer shall
	22713	nspector's Signatu	<u>сс</u>	Commissi	ons <u>GA203</u> National Board	* State Provi	ince and Endorseme	
Da		1-05				, State, F 10V		
							<u> </u>	· · · · · · · · · · · · · · · · · · ·

## ORIGINAL

			As Required By T	EPORT F he Provision	s Of The ASME Code S			• •
						•••••	Traveler # 050	058
<b>1.</b> .	Owner	Southern Nuclear O			Date		04/05/05	
,		40 Inverness Center	Name r Parkway, Birmingi	ham, AL	Sheet	1	of	1
2.	Plant		ddress		Unit ·			
∠.	Plant		Name	·	Unit ·		7	
		Waynesboro, GA 3	0830 Address		Bensir (		<u>)# 10400496</u> P.O. No., Job No., e	
		-			•	-		IC.
3.	Work Pe	formed by <u>Main</u>	ntenance Departme Name	ent	Type Code Symbol Sta Authorization No.	imp		
			ant Vogtle		Expiration Date		N/A	
4.	Identifica	A A A A A A A A A A A A A A A A A A A A	ddress		1201 / Reactor Coold	ant System		
5.	(b)Applic	cable Construction C able Edition of Secti tion Of Components	on XI Utilized for I	Repairs or R		<u>er 1972</u> Add	enda, <u>N</u> ⁄A	Code Case
···						<u></u>	•	
N:	ame of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped
	nponent	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
'	PUMP	WESTINGHOUSE ELECTRIC CORP.	1-9744D35G01	23	1-1201-P6-001	1986	REPLACEMENT	YES
	•							
8.	number 2 reactor co Test Con	eseal housings are util polant pumps. Current ducted: H N/A	lized as rotating spa serial number infor Hydrostatic 🌅 P	ares (part of s rmation was c neumatic	V 1778 was originally sup eal cartridge assembly) btained under ATVF# 04 Nominal Operating F VA PSI Test Temp	and may be ii 4041. Pressure X	nstalled on any of the	
9.	Hemarks	See Item 7	Appl	licable Manu	facturer's Data Reports	to be attach	ed	
ASMI Type	E Code, Se Code Sym	at the statements me ection XI. bol Stamp uthorization No.				acement or replaceme		he rules of the
ASMI Type	E Code, Se Code Sym ficate of Ar	ection XI. bol Stamp	ade in the report a		nd this <u>replay</u> repair on <i>N/A</i> Expiration Date		nt .	he rules of the
ASMI Type Certi	E Code, Se Code Sym ficate of Ar	ection XI. ubol Stamp uthorization No	ade in the report a N/A Designee, Title	Team Leade	nd this <u>replay</u> repair on <i>N/A</i> Expiration Date	or replaceme	nt .	he rules of the

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

As Required By The Provisions Of The ASME Code Section XI	

			As Required By T	he Provision	s Of The ASME Code	Section XI	Traveler # 050	059
1.	Owner	Southern Nuclear O			Date	·	04/05/05	
		40 Inverness Center		ham, AL	Sheet	1 .	of	1
2.	Plant	A Vogtle Electric Gene	ddress erating Plant		Unit	•	1	
		Waynesboro, GA 3	Name	•			O# 10400679	•
		and the second s	ddress	<del>_</del>	Repair		P.O. No., Job No., e	tc.
3.	Work Po	formed by Mai	ntenance Departme	ont	Type Code Symbol Si	amo	· • • • • • • • • • • • • • • • • • • •	
	11011176	Tornied bymail	Name	<u></u>	Authorization No.		N/A	<u> </u>
			nt Vogtle		Expiration Date		N/A	
4.	Identifica	ition of System	ddress		1201 / Reactor Coo	lant System		
5. `6.	(b)Applic	cable Construction C able Edition of Secti	on XI Utilized for I	Repairs or R	eplacements 19 <u>89</u>	<u>ter 1972</u> •Add	lenda, <u>N/A</u>	Code Case
ь. 		tion Of Components	Repaired or Repl		placement Componen			
	ame of nponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	PUMP	WESTINGHOUSE ELECTRIC CORP.	2-9744D35G01	24	1-1201-P6-002	1986	REPLACEMENT	YES
		ELECTRIC CONT.						· .
- 8. 9.	Test Con Remarks		Dther D P	ressure	VA PSI Test Terr	npN	,	
	·		Appl	licable Manu	facturer's Data Report	s to be attack	ned	
ÀSMI Type	E Code, Se Code Sym	ibol Stamp	ade in the report a			lacement or replaceme	conforms to t	he rules of the
Certi	ficate of A	uthorization No.	N/A		Expiration Date		N/A	
Signe	ed _	Owner or Owner's	Designee, Title	Team Leade	er Date 4	6/20	F	
<b></b>		- <u></u>	CERTI	FICATE OF I	SERVICE INSPECTIO	N		
or Pro <u>Harti</u> to	ovince of <u>ford, Conn</u> 4-7-05	<u>Georgia</u> <u>ecticut</u> have inspecting the state	and emp cted the compon hat to the best o	loyed by <u></u> lents descril of my knowl	tional Board of Boile <u>Hartford Steam Boiler</u> bed in this Owner's edge and belief, the cordance with the r	Inspection and Report durin Owner has p	<u>d Insurance Co. of Co</u> ng the period performed examinat	onnecticut 06/04/04 ions and take
exami be lia	inations a able in an otion.	nd corrective measu	ires described in personal injury of	this Owners r property d	ployer makes any w s Report. Furthermon lamage or a loss of ons <u>CA 203</u> National Board	re, neither th any kind ari	e Inspector nor his	employer sha ected with th
	te 4-:	• •						

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

		1 OTIM 1110-2			is Of The ASME Code			060
1.	Owner	Southern Nuclear O	perating Company	-	Date		04/06/05	
		40 Inverness Center	Name Parkway, Birming		 Sheet	1	of	1
<u> </u>	Plant	A Vogtle Electric Gene	ddress erating Plant		Unit		1	· · ·
			Name					
·		Waynesboro, GA 3	0830 .ddress		Repair		<i>O# 10400497</i> P.O. No., Job No., e	tc.
•	Mr. 1. D.					_		•
	work Per	formed by <u>Main</u>	ntenance Departme Name		Type Code Symbol S Authorization No.		N/A	· - ·
			nt Vogtle		Expiration Date		N/A	<u></u>
4.	Identifica	tion of System	ddress		1201 / Reactor Cod	plant System		
5. 6.	(b)Applic	able Construction C able Edition of Secti tion Of Components	on XI Utilized for I	Repairs or R	1 Edition, <u>Wil</u> eplacements 19 <u>89</u> Placement Component	n <u>ter 1972</u> Add	lenda, <u>N/A</u>	Code Case
	me of	Name of Manufacturer	Manufacturer Serial No.	National Board No,	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	DUMP	WESTINGHOUSE	3-9744D35G01	25	1-1201-P6-003	1986	REPLACEMENT	YES
		ELECTRIC CORP.		╏────┤╸				··
			L			<u> </u>		l
<ul><li>✓ 8.</li><li>9.</li></ul>	Test Con Remarks		Dther P	Pressure	Nominal Operating <u>VA</u> PSI Test Ten facturer's Data Repor	npN	<u>۲۸ ۴۲</u> ned	
<b>—</b> —		·			OF COMPLIANCE			
ASME	E Code, Se	at the statements m ection XI. bol Stamp			nd this <u>rep</u>	olacement or replaceme		he rules of the
	-	uthorization No.	N/Á		Expiration Date		N/A	
Signe	ed	Owner or owner's	Designee, Title	Team Leade	er Date 4	14/2-	<b>F</b>	
			CEPTI					
I. the	undersion	ed, holding a valid			ational Board of Boile		re Vessel Inspector	s and the Stat
or Pro	ovince of	Georgia	and emp	loyed by	Hartford Steam Boiler	Inspection an	d Insurance Co. of C	onnecticut c
to _	1-7-0	, and state t	hat to the best o	of my knowl	bed in this Owner's edge and belief, the cordance with the	Owner has	performed examinat	
exami be lia	nations a ble in an	nd corrective measu	ures described in	this Owner	ployer makes any w s Report. Furthermo lamage or a loss of	re, neither th	e Inspector nor his	employer sha
inspec	<u>enk</u>	nspector's Signature	e	Commissio	ons <u>GA203</u> National Boar	d, State, Prov	ince and Endorseme	

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## ORIGINAL

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

•			As Required By 1		ons Of The ASME Code	Section XI	Traveler # 05	061
1.	Owner	Southern Nuclear O	Inomina Compony		Date		04/05/05	
1.	Owner .		Name					
		40 Inverness Center		ham, AL	. Sheet ·	1	of	1
2.	Plant	A Vogtle Electric Gen	ddress erating Plant		Unit		1	· .
			Name					
		Waynesboro, GA 3	0830		Bepair		0# 10400499 P.O. No., Job No., e	tc.
_						-		
3.	Work Pe	formed by <u>Mai</u>	ntenance Departm Name	ent	Type Code Symbol St Authorization No.	amp	N/A	
			ant Vogtle		Expiration Date		N/A	
4.	Identifics	A Ition of System	ddress		1201 / Reactor Coo	lant System		
-74		· · ·	<u> </u>	· · · · <u></u> · ·				
5.		cable Construction C able Edition of Secti			71 Edition, <u>Win</u>	ter 1972 Add	enda, <u>N/A</u>	Code Case
				-				
6.	Identifica	tion Of Components	Repaired or Rep	laced and <b>R</b>	leplacement Componen	ts		
<u> </u>				National	······	1	Repaired,	ASME Code
	ame of mponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Stamped (Yes or No)
_	PUMP	WESTINGHOUSE ELECTRIC CORP.	4-9744D35G01	26	1-1201-P6-004	1986	REPLACEMENT	YES
					•	1	· ·	· · · ·
<b>۱</b> ــــــ				LI		-l	J	
7.					ent activity per CR# 2004 VN 1729 was originally su			
					usings are utilized as rota			
					ps. Current serial number			
.8 فر	Test Cor				Nominal Operating	PressureX	A ⁰F	
9.	Romarke	See Item 7				•	<u> </u>	
э.	nemaika	<u> </u>	Арр	licable Man	ufacturer's Data Report	s to be attach	ed	
			-		E OF COMPLIANCE			
	le certify th E Code, Se	at the statements m	ade in the report a	are correct a		acement or replaceme		he rules of the
1	•	ibol Stamp			N/A	or replaceme		
	-	uthorization No.	N/A	<u> </u>	Expiration Date		N/A	
]		Alant				1.1.		
Sign		Owner or Owner's	Designee, Title	Team Lead	der Date 7	16/200	1 <b>2</b>	
·								·
					INSERVICE INSPECTIO			
1.	undersigr ovince of				national Board of Boile Hartford Steam Boiler			
_Han	ford, Conn	ecticut have inspec	cted the compor	ents descr	ribed in this Owner's	Report durin	g the period	06/04/04
	<u>-1-7-05</u> ctive mea				vledge and belief, the coordance with the r			
Ву	signing th	is certificate, neithe	er the Inspector	nor his er	nployer makes any w	arranty, expr	essed or implied.	concerning the
exam	inations a	nd corrective measu	ires described in	this Owne	rs Report. Furthermor	e, neither the	e Inspector nor his	employer shall
	able in an ection,	y manner for any p への	ersonal injury o	r property	damage or a loss of	any kind ari	sing from or conn	ectea with this
_	YRK	3 Chapman	/	Commiss	ions <u>GA203</u>			
·	1	Inspector's Signature	8		National Board	i, State, Provi	nce and Endorseme	ents
Da	ite <u></u>	7-05						:
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