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Executive Vice President

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July 23, 2001

LCV-1545

Docket No.: 50-425

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

Ladies and Gentlemen:

# VOGTLE ELECTRIC GENERATING PLANT INSERVICE INSPECTION SUMMARY REPORT

Southern Nuclear Operating Company (SNC) submits herein the "Owner's Report for Inservice Inspections (Form NIS-1)" for inservice inspection activities conducted at Vogtle Electric Generating Plant, Unit 2 (VEGP-2) during its Spring 2001 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. The supporting documentation, e.g., examination records, equipment and material certifications, etc., from which the enclosed "Owner's Report for Inservice Inspections (Form NIS-1)" was compiled is available for review upon request at the plant site.

In addition, "Owner's Reports for Repair and Replacements (Form NIS-2)" are included in the enclosed report for repairs and/or replacements of piping and components that were documented and completed at VEGP-2 from the end of the previous maintenance/refueling outage (Fall 1999) through the Spring 2001 maintenance/refueling outage. Any attachments, e.g., code data reports, etc., that are referenced in the completed NIS-2 forms will be made available for review upon request at the plant site.

A discussion on the examination of steam generator tubes performed during the Spring 2001 maintenance/refueling outage is included in the enclosed VEGP-2 "Owner's Report for Inservice Inspections (Form NIS-1)." That discussion constitutes the report required by VEGP Technical Specification 5.6.10.b to be submitted to the NRC within 12 months following completion of the steam generator

Jour copies sunt to L. Olshan U. S. Nuclear Regulatory Commission LCV-1545 Page Two

tube examinations. As a result, a separate submittal will not be made to the NRC on steam generator tubes examined during the subject outage.

None of the steam generator tubes required plugging as a result of the examinations performed during the Spring 2001 maintenance/refueling outage at VEGP-2. Pursuant to the requirements of VEGP Technical Specification 5.6.10.a, a report was submitted to the NRC within 15 days of the completion of the steam generator tubing examinations and indicated that none of the steam generator tubes required plugging during the subject outage. SNC letter LCV-1536 dated May 2, 2001, transmitted the VEGP Technical Specification-required 15-day report to the NRC.

In addition to components already identified in current requests for relief, seven (7) Class 1 and 2 piping and equipment welds had limited volumetric examination coverage. The affected welds included the following:

Class 1 Equipment - Reactor Coolant System

21201-V6-002-W17 - Pressurizer (PZR) Safety Nozzle-to-Safe End,

21201-V6-002-W18 - PZR Safety Nozzle-to-Safe End,

21201-V6-002-W19 - PZR Safety Nozzle-to-Safe End, and

21201-V6-002-W20 - PZR Relief Nozzle-to-Safe End.

Class 1 Piping - Reactor Coolant System

21201-058-7 - 6" Elbow-to-Flange.

Class 2 Piping - Containment Spray System

21206-005-1 - 8" Flange-to-Pipe, and

21206-006-1 - 8" Flange-to-Pipe.

Physical limitations due to the geometric configuration of the welded area prevented full ultrasonic examination coverage for each of the affected welds. As a result of the physical limitations, the examination coverage was limited to less than ninety percent (<90%). ASME Section XI Code Case N-460, as approved by the NRC in NRC Regulatory Guide 1.147, allows Code acceptance when the reduction in examination coverage is less than ten percent (<10%). Each of the welds identified above was examined using surface means, e.g., liquid penetrant, and the Code-required surface examination coverage was achieved. Because it is impractical to achieve the Code-required volumetric examination coverage for the affected welds due to the geometric configuration of the welded areas, request(s) for relief from the ASME Section XI Code requirements will be submitted to the NRC, as allowed by 10 CFR 50.55a, for review and approval.

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In addition to the inservice inspection of Class 1, 2, and 3 components and supports during the VEGP-2 Spring 2001 maintenance/refueling outage, Class MC (IWE) and CC (IWL) containment examinations and tests were performed prior to and/or during the subject outage in response to the September 9, 1996, NRC rulemaking to 10 CFR 50.55a. That rulemaking invoked the requirements of Subsections IWE and IWL to the 1992 Edition of ASME Section XI with 1992 Addenda (as amended by the NRC). The containment examinations and tests performed during the VEGP-2 Spring 2001 maintenance/refueling outage were performed in accordance with the requirements of the 1992 Edition of ASME Section XI with 1992 Addenda (as amended by the NRC) except where relief has been granted by the NRC. They were performed by either SNC or vendor personnel and included, but were not limited to, the containment liner plate general visual examination, tendon tests, containment concrete examinations, and examinations of bolting, seals, and gaskets of disassembled components. Details on the examinations and tests performed, conditions observed, and their resolution are provided in the enclosed "Owner's Report for Inservice Inspections." The Class MC and CC containment examinations and tests required by the rulemaking to 10 CFR 50.55a to be completed by September 9, 2001, were completed during the VEGP-2 Spring 2001 maintenance/refueling outage.

The signed original and four copies of the "Owner's Report for Inservice Inspections (Form NIS-1)" for ISI activities conducted during the Spring 2001 maintenance/refueling outage at VEGP-2 are provided for your review. Two copies of the subject report are being provided to the Regional Administrator for NRC Region II.

Should there be any questions in this regard, please contact this office.

Sincerely,

D. Woodard

JDW/JAE/

Enclosure: "Owner's Report for Inservice Inspections (Form NIS-1)" for VEGP-2

Eighth Maintenance/Refueling Outage (2R8), Spring 2001

# U. S. Nuclear Regulatory Commission LCV-1545 Page Four

# xc: Southern Nuclear Operating Company

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Vogtle Electric Generating Plant Unit 2

Eighth Maintenance/Refueling Outage (2R8) Owner's Report for Inservice Inspection

Southern Nuclear Operating Company the southern electric system

# OWNER'S REPORT FOR INSERVICE INSPECTIONS

for the

# EIGHTH MAINTENANCE/REFUELING OUTAGE

of

# **VOGTLE ELECTRIC GENERATING PLANT, UNIT 2**

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

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

**DOCUMENT COMPLETION DATE: June 2001** 

# 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

FNR 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)

ILRT Integrated Leakage Rate Test

IND Indication

INF Indication Notification Form

ISI Inservice Inspection
IST Inservice Testing
ID Inside Diameter
IR Inside Radius
LB Large Bore

LD Longitudinal Seam Weld Extending Downstream
LD-I Longitudinal Seam Weld Downstream Inside of Elbow

LLRT Local Leakage Rate Test
LMT Lambert, MacGill and Thomas

LU Longitudinal Seam Weld Extending Upstream

LU-O Longitudinal Seam Weld Upstream on Outside of Elbow

MECH Mechanical Snubber MS Main Steam System

MT Magnetic Particle Examination

NCI Nonconformance Item
NDE Nondestructive Examination

# LIST OF ABBREVIATIONS - (continued)

NI No Indication

NRC United States Nuclear Regulatory Commission

NRC-B NRC Bulletin (followed by unique no. denoting Bulletin number)

NRI No Recordable Indication

NSCW Nuclear Service Cooling Water System

OR Outside Radius
PL Pipe Lug

PM Paul-Munroe ENERTECH

PR Pipe Restraint

PROF Profile
PS Pipe Support
PSA Pacific Scientific
PSI Preservice Inspection

PT Liquid Penetrant Examination
RCS Reactor Coolant System
RCP Reactor Coolant Pump

RHR Residual Heat Removal System

RI Recordable Indication

RLW Refracted Longitudinal Wave

RL Restraint Lug

RPV Reactor Pressure Vessel

RR Relief Request (followed by unique no. denoting relief request number)

RWST Refueling Water Storage Tank SAT Satisfactory Examination Results

SB Small Bore

SCS Southern Company Services
SI Safety Injection System
SSI Sonics Systems International

SNC Southern Nuclear Operating Company

SUP Supplemental Data T&C Thickness and Contour

TDAFW Turbine Driven Auxiliary Feedwater (Pump)

TS VEGP Technical Specification
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 W Westinghouse

#### INTRODUCTION

This report documents the examinations and tests performed at Vogtle Electric Generating Plant, Unit 2 (VEGP-2) between November 3, 1999 (date of last examination performed during the seventh maintenance/refueling outage, 2R7) and May 1, 2001 (date of last examination performed during the eighth maintenance/refueling outage, 2R8) 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,
- VEGP Technical Requirement 13.7.2 Snubber Visual Inspections and Functional Tests,
- United States Nuclear Regulatory Commission (NRC) Bulletin 88-09 Thimble Tube Thinning in Westinghouse Reactors,
- Westinghouse Technical Bulletin NSD-TD-90-02 BMI Conduit Guide Tube Leaks,
- GPC Action Item 87-0131 Cracking in Stagnant Borated Water Piping Welds, and
- Balance of Plant Examinations for Flow-Accelerated Corrosion.

This report also addresses Code-applicable repairs and/or replacements, which were documented since the last maintenance/refueling outage at VEGP-2 through the completion of the eight maintenance/refueling outage in May 2001. The Owner's Reports for Repairs and Replacements (Form NIS-2) are included herein.

In addition to the examination of Class 1, 2, and 3 piping and components and other components, e.g., flux thimble tubes, as an "augmented" scope, Class MC and CC components associated with containment were also examined. These examinations were performed in accordance with the requirements of the 1992 Edition of ASME Section XI with 1992 Addenda (as amended by 10 CFR 50.55a) except where relief has been granted by the NRC. These examinations were performed in response to the rulemaking to 10 CFR 50.55a that became effective September 9, 1996 (Ref: Federal Register Notice 61 FR 41303).

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

1. Owner:

Georgia Power Company, 241 Ralph McGill Blvd., N. E.

P. O. Box 4545, Atlanta, Georgia 30308-3374

2. Plant:

Vogtle Electric Generating Plant, 7821 River Road

P. O. Box 1600, Waynesboro, Georgia 30830

3. Plant Unit: Two

4. Owner Certification of Authorization: N/A

5. Commercial Service Date: May 20, 1989

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 Pressure Vessel	Combustion Eng. Inc., Chattanooga, TN	7372	N/A	22004
Steam Generators 1, 2 and 3, respectively	Westinghouse Elec., Tampa, FL	GBGT 1984 (S/N 77743), GBGT 1983 (S/N 77745), GBGT 1982 (S/N 77742)	N/A	36, 35, 34
Pressurizer	Westinghouse Elec., Pensacola, FL	77749	N/A	24
Selected Piping, Components, and Supports	Pullman Power Products, Williamsport, PA	1201, 1204 & 1206	N/A	N/A
:				

## FORM NIS-1 (Back)

- 8. Examination Dates: November 3, 1999 to May 1, 2001
- 9. Inspection Period Identification: First Period of Second Inspection Interval
- 10. Inspection Interval Identification: Second Inspection Interval
- 11. Applicable Edition of Section XI 1989 Addenda None
- 12. Date/Revision of Inspection Plan: February 28, 2001 / Revision 4,
- 13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. (See Abstract and Examination Summary Listings)
- 14. Abstract of Results of Examinations and Tests. (See Abstract)
- 15. Abstract of Corrective Measures. (See Abstract)

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

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

Expiration Date N/A

Date: June 28 2001

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 Georgia and employed by The Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, CT 06102 have inspected the components described in this Owner's Report during the period November 3, 1999, to May 1, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required of the ASME Code, Section XI.

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

MB Chapman
Inspector's Signature

Commission:

GA 203

National Board, State, Province, and Endorsements

Date: 6-29

2001

#### ABSTRACT - ASME CLASS 1 AND 2

#### Introduction/Status

The ASME Boiler and Pressure Vessel Code, Section XI, 1989 Edition (Code), is the applicable code for conducting inservice inspection activities during the second ten-year inspection interval at VEGP-2. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in Code paragraphs IWB-2412 and IWC-2412. This "Owner's Report for Inservice Inspection" is for those first inspection period examinations and tests which were performed between November 3, 1999 (date of last examination performed during the seventh maintenance/refueling outage, 2R7) and May 1, 2001 (date of last examination performed during the eighth maintenance/refueling outage, 2R8). The Code required percentage of examinations and tests scheduled for the first inspection period were completed during 2R8.

By Federal Register Notice 64 FR 51370 dated September 22, 1999, 10CFR50.55a(g)(6)(ii)(C), Implementation of Appendix VIII to ASME Section XI, was incorporated into the rule to expedite implementation of Appendix VIII. The Supplements of Appendix VIII of Section XI, ASME Boiler and Pressure Vessel Code, 1995 Edition with the 1996 Addenda, have been implemented in accordance with the applicable schedule.

In addition to the summary of inservice inspection activities, this report addresses Code-applicable repairs and replacements documented at VEGP-2 since 2R7 through the end of 2R8. The Owner's Reports for Repairs or Replacements (Form NIS-2) are provided herein.

It should be noted that Authorized Nuclear Inservice Inspector (ANII) inspection services were provided for those examinations and tests required by the Code. ASME Section XI examinations and tests are itemized in the applicable sections by reference to Examination Category. Examinations that 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), dye penetrant testing (PT), magnetic particle testing (MT), and visual testing (VT) methods, as applicable. Specific components and examination areas are itemized in the applicable portions of this document. A summary of those components examined are listed below:

- Steam Generator Inner Radii,
- RPV Closure Head,
- RPV Closure Head Studs, Nuts and Washers,
- Pressurizer Shell, Nozzle and Safe-End Welds,
- · Piping Welds, and
- · Valve and Piping Flange Bolting.

During the scope of VEGP-2 examinations conducted, no Class 1 components were observed to have either reportable ultrasonic, liquid penetrant, magnetic particle or visual indications.

In addition to components already identified in current requests for relief, one piping weld and four equipment welds had limited volumetric coverage during ultrasonic examinations because of physical limitations due to the geometric configuration of the welded areas. In order for adequate ASME Section XI Code-required examination coverage to be attained, more than ninety percent (90%) of the required volume must be examined as addressed in ASME Code Case N-460. The subject code case has been approved for use in NRC Regulatory Guide 1.147. It is impractical to achieve the ASME Section XI Code-required volumetric examination coverage due to the geometric configuration of the welded area. Relief from the ASME Section XI Code requirements will be requested from the NRC for the affected welds through the relief request process as allowed by 10 CFR 50.55a. The applicable welds are indicated

by "Relief Request Required" in the Class 1 weld tables. Each of the affected welds was examined using surface means, e.g., liquid penetrant, and the Code-required surface examination coverage was achieved.

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 Examinations" 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 maintenance/refueling outage. These visual examinations revealed minor leakage and boron residue at mechanical connections and one through-wall pressure boundary leak. These leakage conditions were corrected.

The one through-wall pressure boundary leak was located on the leak-off line (3/8 inch diameter) of valve 2HV8701B. Design Change Package (DCP) 00-V2N0017 was implemented during the 2R8 maintenance/refueling outage. This DCP utilized the existing leak-off connection near the bonnet connection of valve 2HV8701B and routed it to the existing thermal bypass line (3/4 inch diameter). The purpose of the design change was to route the leak-off line to the existing bypass line in such a manner that this flowpath could be used to preclude the potential for pressure-locking of double disk gate valve 2HV8701B. In order to correct this leakage condition, valve 2HV8701B was repacked with packing below the leak-off line and the piping installed by the DCP was removed.

Subparagraph IWA-5242(a) of ASME Section XI 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. Relief was requested (Ref.: Request for Relief RR-26) from this Code requirement and subsequently approved as documented by NRC letters dated October 24, 1997, for Class 1 components and December 31, 1998, for Class 2 and 3 components. The approved alternative allows insulation to be removed and connections to be examined while they 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.

The test boundary of the system leakage test includes both Class 1 and Class 2 components. The Class 2 components comprise part of the reactor coolant pressure boundary but are not required to be classified as Class 1 per 10 CFR 50.55a(c)(2). 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 2R8 maintenance/refueling outage.

The frequency for removal of insulation and direct visual examination for Class 2 pressure-retaining bolted connections is once each inspection period (refer to Table IWC-2500-1, Examination Category C-H). For the first inspection period those activities were scheduled and performed either before or during the seventh maintenance/refueling outage (2R7).

#### **Class 2 Examinations**

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

- · Steam Generator Nozzle Welds, and
- Piping Welds.

During the scope of VEGP-2 manual examinations conducted, no Class 2 components were observed to have either reportable ultrasonic, liquid penetrant, or magnetic particle indications.

In addition to components already identified in current requests for relief, two piping welds had limited volumetric coverage during ultrasonic examinations because of physical limitations due to the geometric configuration of the welded areas. In order for adequate ASME Section XI Code-required examination coverage to be attained, more than ninety percent (90%) of the required volume must be examined as addressed in ASME Code Case N-460. The subject code case has been approved for use in NRC Regulatory Guide 1.147. It is impractical to achieve the ASME Section XI Code-required volumetric examination coverage due to the geometric configuration of the welded area. Relief from the ASME Section XI Code requirements will be requested from the NRC for the affected welds through the relief request process as allowed by 10 CFR 50.55a. The applicable welds are indicated by "Relief Request Required" in the Class 2 weld tables. Each of the affected welds was examined using surface means, e.g., liquid penetrant, and the Code-required surface examination coverage was achieved.

#### **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 at mechanical joints such as valve stem packing and at flanged connections. These leaks were either corrected or evaluated and determined acceptable for continued system operation.

Subparagraph IWA-5242(a) of ASME Section XI 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. Relief was requested from this Code requirement and subsequently approved as documented by NRC letters dated October 24, 1997, for Class 1 components and December 31, 1998, for Class 2 and 3 components. The approved alternative allows insulation to be removed and connections to be examined while they 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. This approved alternative was implemented on applicable pressure-retaining bolted connections.

#### Class 1 and 2 Component Supports

No examinations were scheduled nor performed during the 2R8 maintenance/refueling outage.

# ASME CLASS 3, MC, AND CC EXAMINATIONS AND TESTS

#### **Class 3 Supports and Integral Attachments**

No examinations were scheduled nor performed during the 2R8 maintenance/refueling outage.

#### **Class 3 Pressure Tests**

No Class 3 Pressure Tests were scheduled nor performed during the 2R8 maintenance/refueling outage.

#### Class MC Containment Examinations and Tests (IWE)

#### Category E-A, Containment Surfaces

During the VEGP-2 Spring 2001 maintenance/refueling outage, containment examinations were performed in response to the NRC rulemaking to 10 CFR 50.55a in which the requirements of Subsections IWE and IWL to the 1992 Edition of ASME Section XI with 1992 Addenda were invoked. A general visual examination of the VEGP-2 containment liner, a Class MC component as defined in Subsection IWE to the Code, was performed by SNC personnel during the outage. The examination was performed using VEGP procedure 84303-C, Revision 0, "Containment Liner General Visual Examination". Personnel performing the general visual examination of the containment liner plate were qualified in accordance with VEGP procedure 85001-C, Revision 10, "Qualification of Inspection, Examination, and Testing Personnel". The examination was performed under the guidance of a Registered Professional Engineer. Optical aids such as flashlights and binoculars were used when performing the general visual examination that included both direct and indirect, i.e., remote, visual examination methods.

One hundred thirty-five anomalies were identified during 2R8 and were recorded on an Anomaly Data Sheet as required by procedure 84303-C. That procedure defines an anomaly as a deviation or departure from the normal or common order, form, or rule with evidence of degradation that may affect either the containment structural integrity or leak tightness. The VEGP-2 containment liner was examined for evidence of flaking, blistering, peeling, discoloration, cracking, wear, pitting, excessive corrosion, arc strikes, gouges, surface discontinuities, dents, and other signs of surface irregularities and distress. Of these anomalies, there were twenty-six indications of rust, forty-eight indications of bare metal, twelve indications of depressions, and forty-nine indications of arc strikes were observed. All anomalies were evaluated as cosmetic in nature only and not affecting the structural integrity of the containment liner plate. SCS letter SG-18218 dated February 28, 2001, provided an "Engineering Evaluation" as allowed by the ASME Section XI Code. That letter, which is available at the plant site for review upon request, provides the justification for evaluation of arc strike areas that meet specific thickness criteria from the inspection and repair requirements referenced in section 1.9.94 of the updated VEGP FSAR.

#### 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 surface areas likely to experience accelerated degradation and aging, should such areas exist, 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-2 requiring Category E-C examination.

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

The rulemaking contains a modification that makes examinations of Subsection IWE, Category E-D optional. SNC has chosen to implement Request for Relief (RR)-E-1 to allow leak tightness 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, will be reported to the NRC in the Integrated Leakage Rate Test (Type A test) report as required by 10 CFR 50 Appendix J.

#### 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 containment boundary and pressure-retaining bolting (bolts and studs) are to be examined during the interval using a VT-1 examination method. All of the visible surfaces are required to be examined when the bolting is not disassembled. Approximately 34% of the penetration bolting listed in Table 2.2 of the VEGP Containment Inservice Inspection Program Plan was examined during the outage (2R8). These examinations were accomplished using Surveillance 84303-201 and Inspection Report (IR) #24483. The penetrations examined using this IR included the following:

```
2-1818-H3-P16 2-1818-H3-P10 2-1818-H3-P32
2-1818-H3-P53 2-1818-H3-P15 2-1818-H3-P09
2-1818-H3-P58 2-1818-H3-P56 2-1818-H3-P48
2-1818-H3-P12 2-1818-H3-P57 2-1818-H3-P54
2-1818-H3-P47 2-1818-H3-P46 2-1818-H3-P45
2-1818-H3-P33 2-1818-H3-P31 2-1818-H3-P29
```

All examinations of the bolting for these twenty-one penetrations were completed with satisfactory results.

All IWE examinations have been completed for VEGP-2 that are required by the rulemaking to 10CFR50.55a to be completed by September 9, 2001.

# Class CC Containment Examinations and Tests (TWL)

During the VEGP-1 and 2 Spring 2000 In-Service Tendon Inspection, containment examinations were performed in response to the NRC rulemaking to 10CFR 50.55a in which the requirements of Subsections IWE and IWL to the 1992 Edition of ASME Section XI with 1992 Addenda were invoked. The general visual examination of the reinforced concrete and the post-tensioning systems of Class CC components, was performed during the tendon surveillance by a vendor qualified under criteria specified by the 1992 Edition and 1992 Addenda of ASME Section XI. The baseline inspection was conducted per IWL to allow on-going monitoring of the containment condition. The IWL general visual inspection was performed under the guidance of a Registered Professional Engineer. Light meters, flashlights, feeler gauges, and an optical comparator were used when performing the general visual examination that included both direct and indirect visual examination methods. The subject examination was repeated during VEGP-2 Outage 2R8 because the visual examination of the concrete containment was not performed "during a refueling outage" as required by NRC Regulatory Guide 1.163.

During the visual examination, two conditions were noted that required an engineering evaluation from SCS. It was necessary for SCS to determine if the conditions would require a detailed inspection. The first condition was an indication of metal exposure, which was later determined to be rebar-chairs, a support used to hold rebar in place while the concrete is being poured. The second concern was the areas of spalling on the edge of the containment buttresses. SCS letter SG-16802 dated March 5, 1999, provided an Engineering Evaluation Report as described in IWL-3300 for two concrete spalls and also included the initial concrete repair procedure for these two areas. Spall is defined as a fragment, usually in the shape of a flake, detached from a larger mass by a blow, by the action of weather, pressure or expansion within the large mass. SCS' response was documented in their letter SG-17640 dated May 25, 2000, to SNC. It was noted that both indications were non-structural in nature and had no considerable effect on the structural integrity of containment.

During the containment concrete examinations, inclusive of tendon testing, and in response to 10CFR50.55a(b)(2)(ix), the following information is provided by SNC:

No adverse conditions were identified during the examination and test of the containment concrete, including tendons, which involve the additional requirements of 10CFR50.55a(b)(2)(ix), Paragraphs A, B, C, and E. With regard to 10CFR50.55a(b)(2)(ix), Paragraph D, there were areas identified where grease leakage was observed on the containment concrete surfaces. A detailed examination was performed by the test vendor and is included in its final report submitted to SNC. That report is available for review upon request at the VEGP plant site. The amount of grease leakage observed was less than the excessive grease leakage reporting threshold value of seven (7) gallons as specified in Enclosure 2 to SNC letter LCV-1307 dated April 5, 1999, that was submitted to the NRC for review and approval. The subject document requested relief from the regulatory requirements of 10CFR50.55a(b)(2)(ix), Paragraphs A and D, relative to the reporting of grease leakage to the NRC in the "ISI Summary Report", otherwise referred to as the "Owner's Report for Inservice Inspection (Form NIS-1)". Excessive grease leakage, i.e., grease leakage in excess of 7 gallons, as it pertains to VEGP is reported to the NRC pursuant to the requirements of VEGP Technical Specification 5.6.9. The NRC reviewed and approved the SNC request for relief pertaining to the reporting of grease leakage and was documented in its June 16, 2000, letter to SNC. Based on the foregoing information, reporting of excessive grease leakage is not required to be addressed in this report due to the NRC approval of the SNC request for relief. No report was filed in response to VEGP Technical Specification 5.6.9 since the observed grease leakage was less than 7 gallons. The actual leakage observed during the VEGP-2 containment concrete examination was 89 ounces (0.70 gallons).

All IWL examinations have been completed for VEGP-2 that are required by the rulemaking to 10CFR50.55a to be completed by September 9, 2001.

#### AUGMENTED INSPECTIONS

#### VEGP Technical Requirements Manual - TR 13.7.2 Snubbers

#### Visual Inspections

VEGP Technical Requirements Manual (TRM) Technical Requirement (TR) 13.7.2, Technical Requirement Surveillance (TRS) 13.7.2.1 requires each snubber to be visually examined. During the VEGP-2 seventh maintenance/refueling outage, (2R7), one of the snubbers that comprise the total snubber population was found to have unsatisfactory visual examination results. Based upon Table 13.7.2-2, Note 3 in the VEGP TRM, the next visual examination interval remains 36 months, which coincides with the performance of the visual examinations being required during the VEGP-2 ninth maintenance/refueling outage (2R9). Therefore, visual examination of snubbers was not required during the eighth VEGP-2 maintenance/refueling outage (2R8).

#### **Functional Testing**

VEGP TR 13.7.2, TRS 13.7.2.3 also requires functional testing of snubbers. The snubbers were categorized into six types as follows:

Type I	Pacific-Scientific mechanical snubbers (Models PSA-1/4 and PSA-1/2)
Type II	Pacific-Scientific mechanical snubbers (Models PSA-1, PSA-3, and PSA-10)
Type III	Pacific-Scientific mechanical snubbers (Model PSA-35 and PSA-100)
Type IV	Anchor/Darling mechanical snubbers (Model series AD-40 through AD-500)
Type V	Anchor/Darling mechanical snubbers (Model series AD-1600 through AD-12500)
Type VI	Paul-Munroe ENERTECH 1000 kip steam generator hydraulic snubbers.

Each snubber type was functionally tested utilizing a test plan (as detailed in VEGP TRM 13.7.2.3 in accordance with Table 13.7.2-4) which requires that an initial representative random sample of ten percent (10%) of the population to be functionally tested. The result of the functional testing of the snubber types is as follows:

Snubber Type	I	П	Ш	IV	V	VI	Total
Total Population	21	59	26	236	111	8	461
10% Initial Representative Sample	3	6	3	24	12	1	49
Quantity Failed in Previous Outage	4	0	0	1	1*	0	6
Total Original Outage Test Scope	7	6	3	25	13	1	55
Total Tested Which Passed Acceptance Criteria	8	6	3	26	35	1	79
Total Tested Which Failed Acceptance Criteria	0	1	0	0	2	0	3
Expanded or Additional Snubbers Tested during Outage	1	1	0	1	24	0	27
(Details Provided Below)							
Total Tested	8	7	3	26	37	1	82

#### Expanded or Additional Snubbers Tested during Outage

Type I	Scope increased by one due to visually observed condition at 2-1201-239-H001.
Type II	Scope increased by one due to location adjacent to Type V failed snubber 2-1301-015-H004.
Type III	There were no scope additions for this type snubber.
Type IV	Scope increased by one due to visually observed condition at 2-1301-168-H012.
Type V	*Scope increased by one due to Condition Report (CR) #1999001715 identified during 2R7. Scope increased by twelve due to failure of Type V snubber 2-1301-015-H004 and one additional Type II due to location adjacent to failed snubber. Scope increased by twelve due to failure of 2-1301-106-H005.
Type VI	There were no scope additions for this type snubber.

#### Functional Test Failure Analysis

In accordance with VEGP TR 13.7.2, Table 13.7.2-4, paragraph 4, engineering evaluations were performed by Southern Company Services (SCS) for the one (1) Type II snubber and the two (2) Type V snubbers that failed functional testing. The engineering evaluations were performed in order to determine the cause(s) of the failures and to determine if the piping systems to which the failed snubbers were attached were adversely affected. The affected piping systems to which the failed snubbers were attached were returned to their approved design configuration by replacing the failed snubbers with known operable snubbers. The following is a listing of snubbers and the correspondence associated with the engineering evaluations that are available at the plant site for review upon request.

Type	Affected Snubber(s)	Applicable SCS Evaluation Letter/Date	Condition Report Number
V	2-1301-015-H004	SG-18366, 04/10/2001	2001000714
II	2-1301-094-H002	SG-18410, 04/26/2001	2001000979
V	2-1301-106-H005	SG-18414, 04/26/2001	2001000986

The specific Types I through VI snubbers that were functionally tested in response to VEGP TR 13.7.2 are itemized in the Snubber Functional Testing Listings of this report document.

#### GPC Action Item No. 87-0131 - Stagnant Borated Water Systems Cracking

As a result of generic concerns of pipe cracking in stagnant borated water systems in pressurized water reactors, several welds in Class 2 piping systems were examined in response to GPC Action Item No. 87-0131. Nondestructive examination methods utilized included ultrasonic and/or liquid penetrant examination techniques. Welds were examined in the Safety Injection and Containment Spray systems. No reportable indications were observed.

The examinations are itemized in the Class 2 Piping section of this report.

#### **Balance of Plant Examinations For Flow-Accelerated Corrosion**

Ultrasonic thickness examinations were performed on selected components (fittings, piping, and equipment) in the Condensate, Heater Drain, Heater Vent, Main Feedwater, Turbine Drain, Main Steam, Steam Generator Blowdown, Extraction Steam, and Turbine Drive Steam systems. In all, seventy-one (71) large-bore components were ultrasonically examined during the 2R8 maintenance/refueling outage. Of the seventy-one large-bore components ultrasonically examined, twenty-six (26) were due to the re-examination of previously examined components and forty-five (45) were examined for the first time. In addition, twenty-one (21) small-bore (<2" NPS) ultrasonic examinations were performed on selected portions of small-bore pipe lines and visual examinations were performed on the inside surface of two (2) drain tanks. The ultrasonic examination of large and small-bore components was performed using SNC procedure UT-V-466, Rev. 6, "Ultrasonic Flow-Accelerated Corrosion Examination Procedure". The visual examination of the two drain tanks was performed using SNC procedure VT-V-715, Rev. 2, "Visual Examination (VT-1)".

Eighteen (18) large-bore components were identified to have wall thickness measurements that indicated possible wear due to flow-accelerated corrosion (FAC). The affected components had wall thickness readings that were at or below the "Action Level" wall thickness value assigned to each of the components. The "Action Level" value is defined as the wall thickness which is fifty percent (50%) of the difference between the nominal wall and Code minimum wall. The examination results for sixteen of these large-bore components were reported by SNC Inspection and Testing Services (ITS) to VEGP Engineering Support by means of FAC Notification Reports (FNRs) which are available at the plant site for review. One FNR was subsequently determined to not be required due to the

component not actually being below its "Action Level" value. The examination results of the other two below "Action Level" components were reviewed by the site FAC Engineer and it was determined that no FNR was required due to the wall thinning not being significant. SCS engineering personnel were requested by the site FAC Engineer to perform an expedited evaluation to determine the continued acceptability of each below "Action Level" component for which an FNR had been initiated. The continued acceptability of small-bore components was determined by the site FAC Engineer. The following is a listing of correspondence associated with the engineering evaluations that are available at the plant site for review upon request:

Affected Component	FNR Number/Date	SCS Eval. Letter No./Date
Type and System		
21304031-14-P014	F01V2001,	SG-18362,
14" Pipe Section,	04/10/01	04/11/01
Heater Drain System		
21304004-12-R032HD28	F01V2002,	SG-18373,
6"x12" Expander,	04/10/01	04/13/01
Heater Drain System		
21304123-12-R034	F01V2003,	SG-18373,
6"x12" Expander,	04/10/01	04/13/01
Heater Drain System		
21305-E4-021	F01V2004,	SG-18380,
6A FW Heater Shell Wall	04/11/01	04/14/01
Main Feedwater System		
21305-E4-022	F01V2005,	SG-18380,
6B FW Heater Shell Wall	04/11/01	04/14/01
Main Feedwater System		
21305055-16-P011	F01V2006,	SG-18381,
16" Pipe Section,	04/12/01	04/20/01
Main Feedwater System		
21304031-14-P010	F01V2007,	SG-18386,
14" Pipe Section,	04/13/01	04/19/01
Heater Drain System		· ·
21304031-14-P006	F01V2008,	SG-18386,
14" Pipe Section,	04/13/01	04/19/01
Heater Drain System		
21305547-34-P017	F01V2009,	SG-18391,
34" Pipe Section,	04/17/01	04/20/01
Main Feedwater System		
21305055-24-P007MFW15	F01V2010,	SG-18398,
24" Pipe Section,	04/17/01	04/23/01
Main Feedwater System		
21305055-16-E012MFW17	F01V2011,	SG-18381,
16" Elbow,	04/16/01	04/20/01
Main Feedwater System		
Downstream Ext. of	F01V2012,	SG-18391,
21305547-34-E018	04/17/01	04/20/01
34" Elbow,		
Main Feedwater System		
Upstream Ext. of	F01V2013,	SG-18413,
21305055-24-E004	04/20/01	04/26/01
24" Elbow,		
Main Feedwater System		

Affected Component	FNR Number/Date	SCS Eval. Letter No./Date
Type and System	į	
Downstream Ext. of	F01V2014,	N/A – Determined Not
21304021-30-E029	04/23/01	Below "Action Level"
30" Elbow,		
Heater Drain System		
21305061-16-P018	F01V2015,	SG-18412,
16" Pipe Section,	04/23/01	04/24/01
Main Feedwater System		
Upstream Ext. of	F01V2016,	SG-18422,
21305547-34-E020CND18	04/24/01	04/26/01
34" Elbow,		
Main Feedwater System		
Downstream Ext. of	N/A - FNR Determined Not	N/A
21305029-24-R013,	Required	
30"x24" Reducer,		
Condensate System		
21305157-6-P004,	N/A – FNR Determined Not	N/A
6" Pipe Section,	Required	
Main Feedwater System	_	

Examination results concerning each of the affected components were evaluated by SCS and it was determined that immediate corrective action was appropriate for two components. Portions of components 21305-E4-021 and 21305-E4-022 (i.e., FW Heaters 6A and 6B Shell Walls) were determined to be below acceptable wall thickness and were subsequently replaced. An additional four of the above components were determined to have significant wear and are being scheduled for replacement during the next maintenance/refueling outage, i.e., 2R9. This includes components 21304004-12-R032HD28, 21304123-12-R034, 21305055-16-P011, and 21305055-16-E012MFW17. All other large-bore components were determined to be acceptable for continued service for at least two more fuel cycles and no other corrective action was deemed necessary. In regards to small-bore examination results, five small-bore lines showed signs of wear significant enough to require immediate action during the maintenance/refueling outage. This included portions of four steam drain lines and a feedwater heater vent line. This small-bore piping was subsequently replaced. No other corrective actions were required or taken in regards to Flow-Accelerated Corrosion examinations during the 2R8 outage.

#### NRC Bulletin 88-09 - Thimble Tube Thinning in Westinghouse Reactors

In response to NRC concerns of thinning in Bottom-Mounted Instrumentation (BMI) flux thimbles in Westinghouse reactors, eddy current examination of the fifty-eight (58) flux thimbles was performed during the eighth maintenance/refueling outage at VEGP-2. The purpose of the examinations was to detect and size indications of possible wear on the outer diameter of the flux thimbles. The examination of the flux thimbles was performed by Westinghouse in accordance with their procedure MP 2.3.1 GAE/GBE-2, "Thimble Tube Eddy Current Inspection at Vogtle Units 1 and 2".

An evaluation was performed by Westinghouse using WCAP-12866, "Bottom Mounted Instrumentation Flux Thimble Wear", on BMI flux thimbles which were found to have indications of wear after the eighth fuel cycle. The evaluation indicates that that the 2R8 data and the projected wear on all thimbles for 2R9 and 2R10 is within the allowable limit of 80% specified in WCAP-12866. There was no need for repositioning the flux thimbles or capping at the seal table location.

In determining the projected wear data for 2R9 and 2R10, the 2R8 values were adjusted up based on the previous data from 2R6 and 2R7. Normally the maximum value of the last 3 cycles is used for this projection, however there were several tubes where the 2R8 data did not correlate with the previous outages. In these instances the larger value from the last two outages that was closest to the 2R8 data was used. This adjustment was performed based on a Westinghouse engineering judgement call.

The evaluation was transmitted to the plant site in Westinghouse letter GP-17252 dated April 25, 2001, for Flux Thimble Eddy Current Data Evaluation and is available at the plant site for review upon request.

#### Westinghouse Technical Bulletin NSD-TD-90-02 - BMI Conduit Guide Tube Leaks

In accordance with the recommendations in Westinghouse Technical Bulletin NSD-TD-90-02, the BMI conduit (flux thimbles) guide tubes were visually examined for any signs of leakage. The examination was performed by SNC personnel. There were no signs of cracks, pitting, or other signs of degradation to the BMI conduit guide tubes. The inspection was performed under MWO 20002019.

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

#### NOTE

The following discussion on the steam generator tubing inspections, in addition to fulfilling the reporting requirements of ASME Section XI for Inservice Inspection activities, constitutes the report required by VEGP Technical Specification 5.6.10.b to be submitted to the NRC within twelve (12) months following completion of the steam generator tube inspections. Accordingly, a separate submittal is not being made to the NRC on the inspection of the steam generator tubes performed during the eighth maintenance/refueling outage (2R8) at VEGP-2.

#### Introduction

During 2R8, the Steam Generator Maintenance Services Group of the Westinghouse Nuclear Services Division performed eddy current testing of two Westinghouse Model F steam generators in parallel from April 18, 2001, through April 24, 2001. One hundred percent (100%) of the active tubes from two steam generators, i.e., Steam Generators 2 and 3, were inspected rather than only one steam generator as required by VEGP Technical Specification Table 5.5.9. The extent of the examinations and their results are summarized in Table I (refer to pages 4-15 to 4-18) including the location and the accumulative number of previously plugged steam generator tubes. Although Steam Generators 1 and 4 were not examined during 2R8, Table I provides information for those steam generators as well.

Tables II & III (refer to pages 4-19 and 4-20) identify the steam generator tubes with indications by location and percent of wall thickness penetration for Steam Generators 2 and 3, respectively. Information is provided only for the steam generators examined during 2R8.

Applicable procedures, personnel qualifications, material and equipment certifications, sign-off sheets, and supporting data, etc., can be found in Westinghouse Electric Company Nuclear Service Division Steam Generator Maintenance Services Field Service Report, MRS-FSR-1091-GBE, "Steam Generator Eddy Current Inspection", which is available at the plant site for review upon request.

#### **Tube Inspection Plan**

#### **Bobbin Inspection Plan**

Steam generator tube inspections conducted during 2R8 met or exceeded the recommendations made in the EPRI PWR Steam Generator Examination Guidelines, EPRI TR-107569-V1R5, 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 rather than twenty percent (20%) of the tube population from four steam generators each cycle or forty percent (40%) of the tube population from two steam generators each cycle. This plan offers the advantage of a shorter inspection interval in order to achieve complete steam generator tube inspection and offers an improved sensitivity to degradation mechanisms that might be initiating within a particular steam generator. Each of the tubes examined was tested full length.

#### Motorized Rotating Pancake Coil (MRPC) Inspection Plan

The inspection program outlined in the VEGP response to NRC Generic Letter 95-03, "Circumferential Cracking of Steam Generator Tubes", was met or exceeded during 2R8. During 2R8, the MRPC inspection plan for Steam Generators 2 and 3 for top-of-tubesheet circumferential cracking exceeded the minimum requirements specified in Revision 5 of the EPRI guidelines on steam generator tubing inspection. Approximately 64% of the tube population in each of the two steam generators were inspected. The MRPC inspections typically were conducted at the top of the tubesheet in a region approximately three inches above to three inches below the top of the tubesheet. The Plus-Point probe was used to conduct the inspections. Special-interest MRPC inspections were performed at hot leg and

cold leg distorted bobbin (possible flaw) indications using the 0.560 inch diameter Plus-Point probe. The VEGP plans include inspecting twenty percent (20%) of the hot leg freespan straight length and U-bend dings  $\geq$  5 volts identified by the bobbin probe utilizing the Plus-Point probe.

In response to the lessons learned from the tube rupture event at Indian Point 2, VEGP utilized a dual frequency (high/mid frequency) probe to ensure the data quality for the detection of Primary Water Stress Corrosion Cracking (PWSCC) in the low row U-bends was adequate. Presently, there are no published industry criteria for data quality and signal-to-noise (S/N) ratio. An evaluation of the S/N ratio was performed by Westinghouse on the low row U-bends and the S/N ratio was found to be acceptable for steam generators 2 and 3. A similar study, with acceptable results, was performed on SGs 2 and 3 on VEGP-1 during 1R9. The VEGP-2 review is documented in Westinghouse letter SGO-01-35 dated May 15, 2001.

#### **Inspection Plan Implementation**

To summarize the bobbin inspection plan, active tubes, row 3 and higher, were inspected with a Westinghouse 0.560-inch diameter probe throughout their entire length. The rows 1 and 2 straight lengths were tested using a 0.560-inch diameter probe.

The top of tubesheet and special interest examinations were performed with .560/115 +Point Probes at 900 rotations per minute (rpm). Approximately 60% of the rows 1 and 2 U-bend area RPC examinations were performed with High Frequency/Mid Range +Point RPC Probes. After the completion of the bobbin inspection program, special interest MRPC inspections were performed to better characterize indications in the steam generators. Disposition of tubes for which special interest MRPC was performed confirmed that these indications did not represent service-induced degradation.

The Eddy Current inspection program was conducted in accordance with Westinghouse Field Procedure MRS 2.4.2 GPC-3 Rev. 8, Eddy Current Inspection of Preservice and Inservice Heat Exchanger Tubing. Inspection probes used were in accordance with Probe Authorization Rev. 1 and test configurations and acquisition rates were in accordance with the Eddy Current ACTS Sheets GBE-01-101 (Bobbin), GBE-02-101 (TSH and Special Interest RPC), GBE-03-101 (Low Row Bobbin), GBE-04-101 (2 Coil U-bend RPC), GBE-05-101 (permeability), and GBE-06-101 (permeability, special interest and restrictions).

Per ACTS GBE-01-101, the bobbin inspection plan withdrawal rate was 40 inches per second and the test frequencies were 630 kilohertz (kHz), 320 kHz, 160 kHz, and 10 kHz. Per ACTS GBE-03-101, the bobbin withdrawal rate was 24 inches per second for low-row bobbin tube inspections. Per ACTS GBE-02-101, the withdrawal rate for the TSH and Special Interest Plus-Point RPC inspection plan was 0.4 inch per second and the test frequencies were 600 kHz, 300 kHz, 200 kHz, 100 kHz, and 20 kHz. Per ACTS GBE-04-101, the specifications for the low row U-bends 2 coil +Point Exam, the inspections are specified. ACTS GBE-05-101 and ACTS GBE-06-101 were written to facilitate the inspection of locations masked by permeability. Each probe, along with its inspection plan, corresponding ACTS number, and the EPRI Guidelines, Appendix H qualifications, is listed on the Probe Authorization dated March 27, 2001.

All tubes on the inspection plan were tested to their required extent. Special interest examinations (191 total) were required in all channelheads. Bobbin examinations were performed with Replaceable Probe Heads (RPH) mounted on WA-RLLC probe conduit. Row 1 and 2 U-bend RPC examinations were examined with a special order two coil high frequency / mid-range (HF/MR) probe. Four U-bends that would not pass the two coil probe head were tested with a standard one coil probe head.

#### **Inspection Summary Table**

Тур	e and Extent of Inspection	SG 2	SG3
Bobbin	Full Length TEH through TEC	5132	5137
Bobbin	7H through TEC	1	3
Bobbin	7C through TEC	486	485
Bobbin	7C through TEH	244	245
Bobbin	7H through TEH	243	243
+Point™ RPC	TSH +/- 3"	3598	3613
+Point™ RPC	U-bend, Row 1 (HF/MR)	73	71
+Point™ RPC	U-bend, Row 1	0	2
+Point™ RPC	U-bend, Row 2 (HF/MR)	71	72
+Point™ RPC	U-bend, Row 2	1	1
+Point™ RPC	U-bend, Row 3 (HF/MR)	0	1
+Point™ RPC	Special Interest, HL	35*	107*
+Point™ RPC	Special Interest, CL	7	28*
+Point™ RPC	Special Interest, U-bend	8	6
* Reflects to	bes with multiple Special Interest Inspe	ections.	

The above extents met or exceeded the inspection plan. In some cases, either the required minimum extent was exceeded or additional tubes were tested.

#### **Data Evaluation**

Data collection was performed by Westinghouse using the ROSA and TC6700 tester. Data was sent from the site via a data transmission line (T-1) in the ANSER 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 ST2000 software for Data Management. Framatome performed the secondary analysis of the eddy current data. Resolutions were performed jointly by Westinghouse and Framatome at the Waltz Mill facility. All analysis was performed using ANSER Software. SNC site-specific Data Analysis Guidelines and procedure MRS 2.4.2 GPC-37, Revision 6, "Steam Generator Eddy Current Data Analysis Techniques for Vogtle Units 1 and 2", were used to perform the analysis.

Analysts were required to complete a training session and then were tested on their performance. The analyst training meets the requirements of the EPRI PWR Steam Generator Examination Guidelines, EPRI TR-107569-V1R5, which included training tapes, test tapes, and a training manual for SNC. Analysts are required to pass an exam prior to analyzing any new data. One Westinghouse analyst did not pass the required exam and was rejected. Prior to the start of data acquisition a complete history review was performed of all baseline data for VEGP-2 to minimize the impact history lookups would have on the analysis schedule.

The primary analysis was performed off-site by Westinghouse at their Waltz Mill Facility. Secondary analysis was also performed off-site by Framatome at their Lynchburg and Benicia facilities. Remote analysis was accomplished using T-1 lines to communicate between the plant site and the remote locations. Data management was performed off-site with reports being generated on-site via the T-1 lines. A SNC Level III was located at the Waltz Mill site to facilitate the resolution of eddy current data and performed the duties of the independent qualified data analyst (QDA). In addition, SNC QDA performed random samples of test data to ensure the EPRI requirements were being followed. In addition, all comparison reports between the primary and secondary analysis were verified by the SNC QDA.

The bobbin/MRPC inspections conducted during 2R8 identified no pluggable indications in Steam Generator 2 or 3. The following table summarizes the indications found by stating the number of tubes in which each type of indication was found.

#### **Indication Summary Table**

Indication Size	Number of Tubes per Steam Generator (S/G)		
	S/G 2	S/G 3	
40% and greater wall	0	0	
thickness penetration			
30-39% wall thickness	3	0	
penetration			
20-29% wall thickness	8	3	
penetration			
Less than 20% wall	39	26	
thickness penetration			
Possible Loose Part Wear	0	4	
Manufacturing Buff Marks (total tubes)	1139	948	
Dent or Ding (total tubes)	200	277	

It should be noted that the above table is based on the largest indication per tube. Tubes with multiple indications had only the largest indication counted.

More details regarding indication distributions can be found in the maps, which follow the steam generator tubing inspection discussion.

#### **Degradation Assessment**

Prior to maintenance/refueling outage 2R8, VEGP performed a degradation assessment as required by the provisions of Nuclear Energy Institute (NEI) guideline NEI 97-06 and Revision 5 of the EPRI guidelines for steam generator tube inspection. The purpose of the degradation assessment was to ensure that the appropriate nondestructive examination (NDE) techniques and personnel would be used during eddy current testing at VEGP. The degradation assessment provides assurances that the NDE techniques used are appropriate for detection and measurement performance to support growth rates, repair criteria, and structural limits for the degradation mechanisms.

Degradation mechanisms were grouped into categories according to their likelihood of occurrence. The categories include: active mechanisms for degradation previously found in the VEGP steam generators, relevant mechanisms for degradation found in similar plants with the same tubing material and similar design features, and potential mechanisms for degradation not found in similar plants but not judged to have a meaningful potential to occur based on historical or laboratory data. Other degradation mechanisms judged to be non-relevant for Westinghouse Model F steam generators were addressed in the assessment. A subgroup included in the assessment identified the process applied to resolve potential indication signals in order to classify the signals for disposition relative to leaving the tube inservice or repairing the indications.

The only observed degradation mechanism at VEGP is anti-vibration bar (AVB) wear. As defined by the EPRI guidelines, the AVB wear observed at VEGP is not considered an active damage mechanism. The VEGP inspection plan requires the use of the bobbin probe to test all tubes in contact with the AVBs for the SGs tested that outage. The VEGP inspection plan is more conservative than the EPRI guidelines. Potential degradation mechanisms included in the assessment are Outside Diameter Stress Corrosion Cracking (ODSCC) and PWSCC which have been detected in thermally treated tubing in European plants. The VEGP inspection plan includes MRPC inspections at the top of tubesheet expansion region and at the small radius U-bends for detection of stress corrosion cracking (SCC). The assessment also concluded that the likelihood of initiation of both ODSCC and PWSCC at either the top of tubesheet expansion region and the small radius U-bends is considered low for VEGP.

Non-relevant degradation mechanisms include those degradation mechanisms observed in other steam generators with differing materials of construction and manufacturing practices. In general, these mechanisms are associated

with drilled-hole carbon steel tube support plates (TSP). The VEGP TSPs are broached, quatrefoil tube holes with stainless steel TSPs. The likelihood of initiation of these degradation mechanisms at VEGP is considered remote.

In response to the lessons learned from the tube rupture event at Indian Point 2, VEGP utilized a dual frequency (high/mid frequency) probe to ensure the data quality for the detection of PWSCC in the low row U-bends was adequate. Based upon our acceptable S/N measurements and the difficulty encountered while trying to push the double headed high/mid frequency probe through the row 1 tubes, it was determined that enough data was collected with the high/mid frequency probes to accept the single headed (mid-frequency) probe data. Approximately 60% of the total row 1 and 2 U-bends were examined with the high/mid frequency probe.

For each degradation mechanism identified, the assessment specified the probe(s) to be used during inspection, the detection qualification including techniques sheet and estimated probability of detection (POD) information, the inspection sample plan, and the basis for expanding the inspection, if required. The degradation assessment also included information supporting the sizing qualification (when sizing is applied) including technique sheet and uncertainty data.

# **Condition Monitoring**

There were no steam generator tubes identified during 2R8 that challenged the structural integrity recommendations of NRC Regulatory Guide 1.121. Furthermore, there were no tubes that required in-situ leakage testing or pressure testing. The only tube degradation mechanism observed at VEGP-2 during 2R8 was tube mechanical wear at AVB and Baffle Plate intersections. The AVB wear observed during 2R8 was consistent with the historical performance and structural expectations as projected in the degradation assessment report. No tubes were found to have experienced excessive AVB wear. Based upon the results of the Wear Projection Technology, tube stabilization will not be required in either generator until after the end of plant life (38 years allowing for 20 year life extension). The VEGP-2 pre-outage degradation assessment identified a structural limit of approximately twenty-four percent (24%) (remaining wall thickness) for AVB wear which satisfies the requirements of NRC Regulatory Guide 1.121. The following table lists indications seen after final disposition during the inspection. Only AVB percent wear indications are representative of a tube degradation in the VEGP steam generators.

2R8 Indications/Signals	Condition	S/G 2	S/G 3
AVB	AVB % Wear Indications	95	43
BLG	Oversize Tube Diameter	11	33
DFI	Freespan indication (+Pt confirmed)	0	0
DFS	Benign Freespan Signal	134	145
DNG	Freespan Ding	132	187
DNI	Distorted Ding/Dent Indication	0	0
DNS	DNI cleared by +Pt (+Pt confirmed)	1	0
DNT	Dents (TSP, Baffle, TS)	129	218
DSI	TSP Indication (+Pt confirmed)	0	0
DSS	DSI History Cleared	37	28
MBM	Manufacturing Buff Marks	1788	1588
MMB	Multiple MBMs	10	0
PCT	Bobbin Sizing	95	43
PLP	Possible Loose Part	0	4
PVN	Permeability Variation	8	1

#### **VOGTLE 2R8 AVB WEAR INDICATION SUMMARY**

S/G	# IND	#≥40%	Max. % Depth	2 cycle 95% Δ
2	95	0	37	3.46
3	43	0	27	2.11

#### **Degradation Mechanisms**

As defined in the degradation assessment, indications were categorized as observed, relevant, and non-relevant based upon their likelihood of occurrence. The AVB indications observed during 2R8 were consistent with expectations. For the ninety-five (95) indications reported in Steam Generator 2 and forty-three (43) indications reported in Steam Generator 3, none exhibit per cycle growth rates in excess of the 95% cumulative distribution allowance (11.7%) on the basis of prior cycle and documented in the Degradation Assessment Report. Forty-four (44) "new" indications, none > 16% in depth of penetration, were reported: this number was adjusted downward to 5 after lookups from the 2R6 data for new indications. None of the AVB wear indications were found to challenge tube integrity requirements and condition monitoring requirements are satisfied for these indications.

Foreign objects have been reported at VEGP-2 in prior inspections. Five PLP indications have been reported in SG 3 for 2R8. Those in the neighborhood of Row (R) 41 and Column (C) 25 are believed to be associated with a strap identified by visual examination in 2R7; loose parts evaluation indicated that no excessive wear was anticipated. A PLP signal was reported at SG 3 R21/C58-TSH+0.15"; no indication of wear is associated with this location. A visual inspection of this area did not indicate the presence of a PLP due to no definition of shape. The area identified appeared to be a scale bridge. If there is a PLP at this location, it is covered with scale that will prevent any relative motion or drag force.

There were no indications of outside diameter (OD) pitting or transition zone stress corrosion cracking detected. These degradation modes have not been observed in US Model F SGs with thermally treated tubes.

U-bend PWSCC, ODSCC related to the presence of freespan dings or support plate level dents, and sludge pile ODSCC are degradation mechanisms that have not been observed in similar SGs but are considered on a contingency basis should such indications be detected. There were no indications attributable to any of these mechanisms at VEGP-2 during 2R8. The likelihood of occurrence of these indications have the lowest probability of occurrence in the Westinghouse Model F design steam generators.

Indications reported in the VEGP-2 steam generators include manufacturing burnish marks and benign indications. The signals associated with these categories do not represent in-service degradation. The locations of these signals were carefully monitored for change from baseline or initial condition. In addition, approximately 191 other locations were re-examined with the Plus-Point probe because of questions concerning the nature of their bobbin signal. All these locations were confirmed to exhibit characteristics that were not indicative of tube degradation.

All straight tube section dents ( $\geq$ 5 volts) in both SG 2 and 3 were examined with Plus-Point probes. Also, twenty percent of the U-bend dents  $\geq$  5 volts were examined with a Plus-Point probe. All of the locations tested in both S/Gs were reported as No Detectable Degradation (NDD). The dings and dents in Model F SGs do not result from TSP corrosion, because the 405 stainless steel plate quatrefoil tube hole design is unlikely to support in-service denting. There were no indications for the dents and dings other than the change in geometry and no degradation was detected.

#### **AVB Wear Projection Technology-based Assessment**

The Wear Projection Technology's Outage-Follow Mode application supporting the VEGP-2 2R8 Outage provided daily, and cumulative, confirmation that there was no wear site data obtained during the outage which indicated a need for tube stabilization (or tube plugging during this outage). Further, a near-worst-case interpretation of the largest (worst case) tube / AVB wear site increment (of 16% between 2R6 and 2R8) was evaluated. This evaluation

indicated that, for this near-limit-case scenario, the margin relative to requiring stabilization at expected end-of-operation (with a 20 year Plant-Life-including life extension) is more than 38 years. Westinghouse concluded that the tube U-bend wear degradation mode is presently not strongly progressing in VEGP-2 Steam Generators 2 and 3.

#### **Operational Assessment**

NEI 97-06 requires that a "Forward Looking" operational assessment be performed. This assessment must establish if observed degradations mechanisms will continue to meet tube structural and leakage integrity requirements at the end of the upcoming cycle. This is calculated by adding growth rates and NDE uncertainty to the largest flaw left in service (the maximum indication that can be left in service is 39%). Performing this calculation using a 95% Confidence Limit (CL) the projected AVB wear at 2R9, when SG 1 and 4 are next inspected is 39% + 14.8% + 4.3%, or 58.1% Through-Wall (TW). For 2R10, the calculation for SG 2 and 3 is 39% + 14.5% + 4.3%, or 57.8% TW. This is below the structural limit of 75.75% TW identified in the Degradation Assessment, therefore tube integrity is demonstrated and operational assessment requirements are met for two-cycle inspection intervals.

The above evaluation is conservative based on the following:

- 1) The growth rate for the inspection period ending at 2R6 was used. The 2R6 data was used as a conservative measure since the observed growth rates were negative for end of 2R8.
- 2) Generally, the largest growth rates do not occur at the largest indications left in service.
- 3) Largest wear assumed to be left in service was 39%.

The 2R8 growth rates for the AVB indications were, on the average, slightly negative. SG 3 had a more negative average change that did SG 2. The general implication of this is that there is little or no growth to the AVB indications as a population. As addressed in the Condition Monitoring Operational Assessment (CMOA), this negative growth rate can be attributed to slight differences (still acceptable tolerances) between the standards used in the inspections. In summary, based on the CMOA evaluation, the negative average growth rates observed for AVB indications during 2R8 imply little or no average growth in the population charted.

The projected wear using the observed data for 2R8 would be significantly less. The end of cycle (EOC) wear for 2R10 in SG 2 is 43.2% TW. The EOC wear for 2R10 in SG 3 is 32.2% TW. The EOC wear for 2R9 in SG 1 is 42.2% TW and EOC for 2R9 in SG 4 is 51.0% TW. These values using the observed 2R8 data are significantly less than the conservative calculations above using 2R6 growth rates and maximum allowable wear for return to service.

The projection used at 2R7 for SGs 1 and 4 employed a 15.1% growth allowance. Therefore the 2R7 projection for 2R9 remains the most conservative for these SGs. These projections predict maximum wear depths well below the structural limit of 75.75% TW identified in the Degradation Assessment; thus, tube integrity is demonstrated and the operational assessment requirements are met for two cycle inspection intervals.

AVB wear is the only systematic degradation mechanism that has been observed at VEGP-2. Based on application of conservative prior AVB wear growth rates, the condition of the VEGP-2 SG tubes has been analyzed with respect to continued operability of the SGs until the end of Cycle 10, without exceeding the structural integrity recommendations of draft Reg. Guide 1.121. Conservative projection of the AVB wear in SGs 2 and 3 to EOC10 indicates that all structural criteria will continue to be satisfied until the next planned inspection for each SG. Similarly, based on the current data from 2R8, projections for SGs 1 and 4 to EOC9 indicate that all structural criteria will continue to be satisfied for these SGs as well until their next inspection at 2R9. The conclusion for SGs 1 and 4 will be re-evaluated based on the data from 2R9.

#### **Visual Inspection**

A visual inspection of the tubesheet was performed of plugged tube ends to identify signs of leakage. There were no signs of visible leakage from plugged tubes. Westinghouse procedure MRS-SSP-1102-GAE/GBE, "Visual Inspection of Mechanical Plugs for Vogtle Site", was used to inspect the tube plugs.

# **Mechanical Plugging**

As noted above, there were no tubes required to be plugged in steam generators 2 or 3.

By letter LCV-1536, dated May 2, 2001, SNC notified the NRC pursuant to VEGP Technical Specification 5.6.10.a and reported that no tubes were plugged in SG 2 or 3 during 2R8.

**VEGP-2 Outage 2R8 Plugging Summary** 

	SG 2	SG 3
Tubes plugged this outage	0	0
Tubes previously plugged	7	1
Total plugged tubes	7	1

## **Maps**

- 1. Steam Generator 2 Bobbin Inspection Plan Cold Leg (page 4-21)
- 2. Steam Generator 2 Bobbin Inspection Plan Hot Leg (page 4-22)
- 3. Steam Generator 2 Tubesheet +PT Inspection Plan- Hot Leg (page 4-23)
- 4. Steam Generator 2 UB +PT Inspection Plan (page 4-24)
- 5. Steam Generator 2 Bobbin Test Extents (Actual) (pages 4-25 and 4-26)
- 6. Steam Generator 2 +PT Tests Extents (Actual) (pages 4-27 and 4-28)
- 7. Steam Generator 3 Bobbin Test Program Cold Leg (page 4-29)
- 8. Steam Generator 3 Bobbin Test Program Hot Leg (page 4-30)
- 9. Steam Generator 3 Tubesheet +PT Inspection Plan- Hot Leg (page 4-31)
- 10. Steam Generator 3 UB +PT Inspection Plan (page 4-32)
- 11. Steam Generator 3 Bobbin Test Extents (Actual) (pages 4-33 and 4-34)
- 12. Steam Generator 3 +PT Test Extents (Actual) (pages 4-35 and 4-36)

# TABLE I

# **Steam Generator 1**

Total No. of Tubes:

5,626

No. of Tubes Inspected:

5,622

No. of Tubes Degraded:

N/A

No. of Tubes Defective:

N/A

No. of Tubes Plugged Prior to Outage 2R8:

.....

4

No. of Tubes Plugged

during Outage 2R8:

N/A

Total No. of Tubes Plugged:

4 (plugs located at Row 1, Column 1; Row 27, Column 42; Row 54, Column 35;

and Row 48, Column 26)

Overall Percentage of Tubes

Plugged:

0.07%

# **TABLE I (continued)**

# Steam Generator 2

Total No. of Tubes:

5,626

No. of Tubes Inspected:

5,619

No. of Tubes Degraded:

11

No. of Tubes Defective:

0

No. of Tubes Plugged

Prior to Outage 2R8:

7

No. of Tubes Plugged

during Outage 2R8:

0

Total No. of Tubes Plugged:

 $7 \; (plugs \; located \; at \; Row \; 2, \; Column \; 48; \; Row \; 5, \; Column \; 48; \; Row \; 16, \; Column \; 103; \\$ 

Row 48, Column 98; Row 53, Column 86; Row 50, Column 67; and Row 51,

Column 32)

Overall Percentage of Tubes

Plugged:

0.12%

# **TABLE I (continued)**

# **Steam Generator 3**

Total No. of Tubes:

5,626

No. of Tubes Inspected:

5,625

No. of Tubes Degraded:

3

No. of Tubes Defective:

0

No. of Tubes Plugged

Prior to Outage 2R8:

1

No. of Tubes Plugged

during Outage 2R8:

0

Total No. of Tubes Plugged:

1 (plug located at Row 25, Column 102)

Overall Percentage of Tubes

Plugged:

0.02%

#### **TABLE I (continued)**

# Steam Generator 4

Total No. of Tubes:

5,626

No. of Tubes Inspected:

5,609

No. of Tubes Degraded:

N/A

No. of Tubes Defective:

N/A

No. of Tubes Plugged

17

Prior to Outage 2R8:

No. of Tubes Plugged during Outage 2R8:

N/A

Total No. of Tubes Plugged:

17 (plugs located at Row 48, Column 25; Row 3, Column 35; Row 12, Column 36; Row 57, Column 46; Row 8, Column 56; Row 52, Column 56; Row 16, Column 57; Row 51, Column 59; Row 48, Column 64; Row 23, Column 67; Row 51, Column 73; Row 22, Column 90; Row 24, Column 93; Row 57, Column 45; Row

50, Column 67; Row 57, Column 44; and Row 44, Column 21).

Overall Percentage of Tubes

Plugged:

0.30%

TABLE II

#### **Steam Generator 2**

Row	Column	Reference Point (Note 1)	Distance from Ref. (in.)	Wall Thickness Penetration (%)	Plugged (Y/N)
		(Note 1)	(Note 2)	T chouración (70)	(1711)
42	19	AV3	03	11	N
43	20	AV2	26	13	N
54	38	AV4	.00	15	N
38	39	AV5	17	22	N
39	43	AV3	.00	19	N
39	44	AV5	.00	13	N
40	48	AV4	.00	22	N
59	56	AV4	.26	12	N
40	58	AV5	.00	33	N
43	64	AV1	.00	17	N
52	71	AV4	.00	37	N
44	72	AV5	.00	12	N
51	72	AV3	.00	11	N
40	73	AV5	.00	17	N
43	73	AV4	.00	21	N
52	73	AV4	.00	36	N
38	74	AV2	.00	15	N
42	74	AV2	.00	28	N
49	74	AV3	.20	20	N
51	74	AV3	.11	16	N
57	79	AV3	.00	9	N
38	81	AV6	.00	12	N
51	87	AV5	.00	29	N
39	88	AV4	.00	18	N
42	88	AV2	.00	12	N
53	88	AV5	.06	18	N
50	89	AV5	11	13	N
51	89	AV5	.06	29	N_
53	90	AV6	.00	9	N
49	91	AV2	.00	22	N
28	115	AV6	.00	19	N

The above information is based on the largest indication observed for the respective tube during the eighth maintenance/refueling outage at VEGP-2.

#### Note 1: Reference Point Location Description

TSH, TSC - Top of Tubesheet Hot and Cold

BPH, BPC - Baffle Plate Hot and Cold

#H, #C - (# = Number) of Support Plate Hot and Cold, e.g., 2H, 2C

AV1, AV2, AV3, AV4, AV5, AV6 - Anti-vibration Bars

Unless indicated otherwise, distance is above Reference Point. A negative number, e.g., -2.00, Note 2: indicates that the distance is below the Reference Point.

TABLE III

### **Steam Generator 3**

Row	Column	Reference Point (Note 1)	Distance from Ref. (in.)	Wall Thickness Penetration (%)	Plugged (Y/N)
			(Note 2)	, í	, ,
32	12	AV5	.00	19	N
34	13	AV5	.14	20	N
38	15	AV1	.00	14	N
32	16	AV2	.00	14	N
41	19	AV4	.00	12	N
42	19	AV5	49	11	N
42	20	AV4	.00	13	N
43	21	AV2	.06	11	N
44	21	AV2	.00	15	N
45	22	AV3	.12	15	N
44	23	AV3	.19	11	N
45	23	AV3	.19	15	N
47	24	AV4	.00	18	N
47	25	AV2	.00	14	N
48	25	AV6	03	9	N
50	29	AV4	.00	11	N
51	31	AV6	.00	11	N
48	37	AV3	.14	13	N
54	38	AV5	.00	13	N
57	48	AV6	.03	13	N
57	49	AV4	08	10	N
58	49	AV6	08	16	N
42	53	AV4	27	9	N
39	72	AV3	.25	16	N
41	77	AV4	.36	22	N
57	78	AV2	.00	10	N
56	82	AV3	.00	27	N
42	104	AV6	05	10	N
40	106	AV1	.52	10	N

The above information is based on the largest indication observed for the respective tube during the eighth maintenance/refueling outage at VEGP-2.

- (1) See Note 1, page 4-19.
- (2) See Note 2, page 4-19.

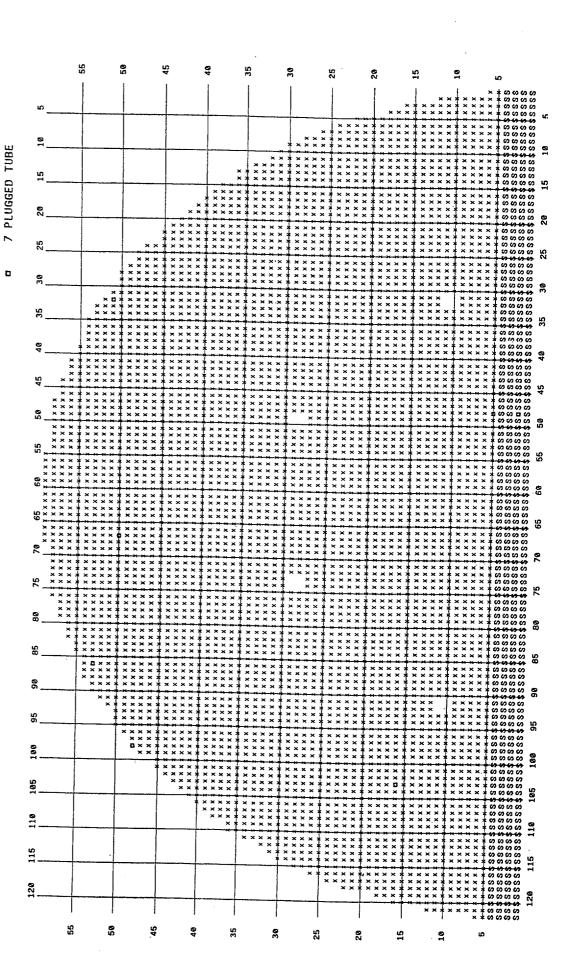
SG - 2 .560 BOBBIN INSPECTION PROGRAM Cold Leg - ACTS: GBE-01-101 R0 Vogtle UZR8 GBE F

TEST STRAIGHT SECTION WITH .560 BOBBIN PROBE

487

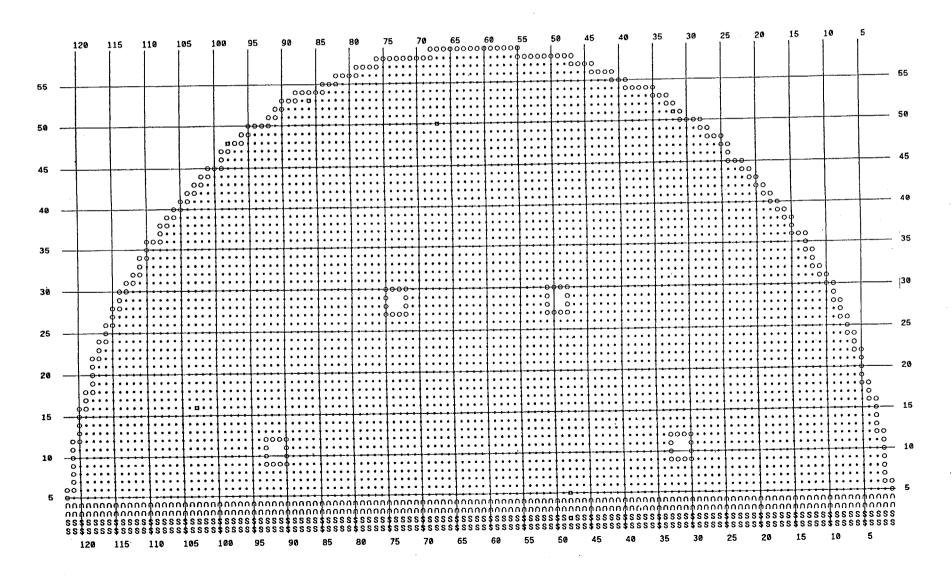
S

5132 TEST FULL LENTGH WITH BOBBIN PROBE



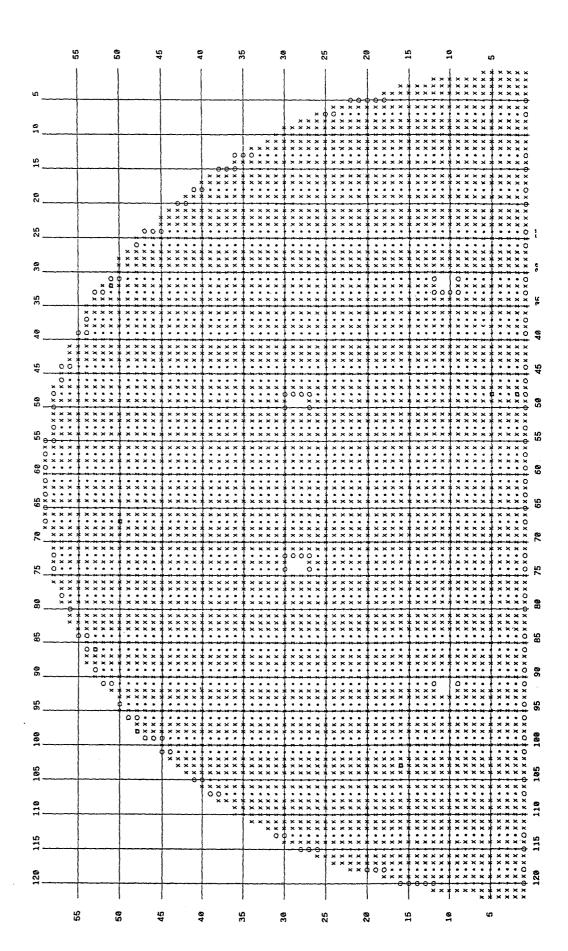
Hot Leg - ACTS: GBE-03-101 R0 Vogtle U2R8 GBE F

- S 243 TEST STRAIGHT SECTION WITH .560 BOBBIN
- O 244 TEST FROM 7C THROUGH TEH WITH .560 BOBBIN PROBE
- 7 PLUGGED TUBE



SG - 2 .560+PT TOP OF TUBESHEET INSPECTION PROGRAM Hot Leg - ACTS: GBE-02-101 R0 Vogite U2R8 GBE F

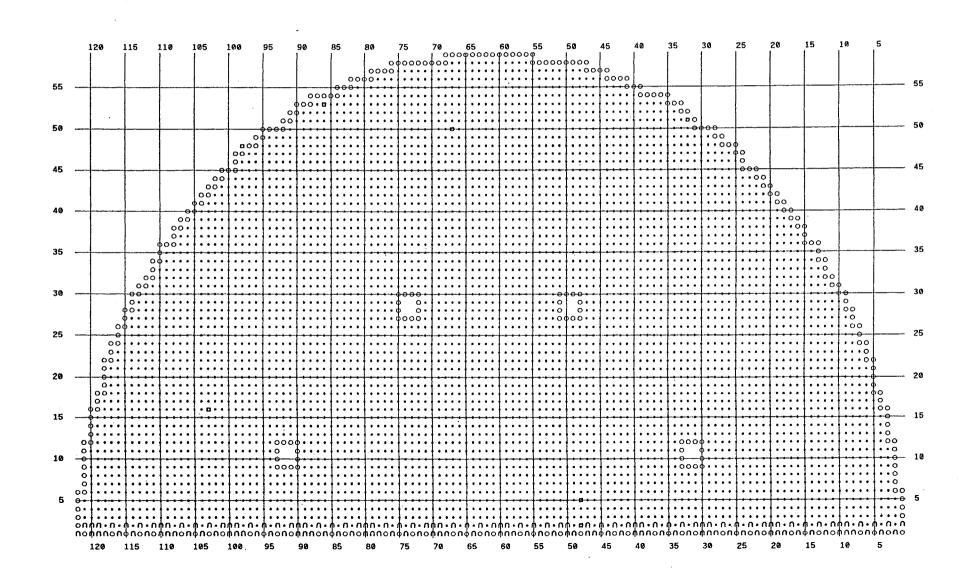
× 3598 TEST TSH +/-



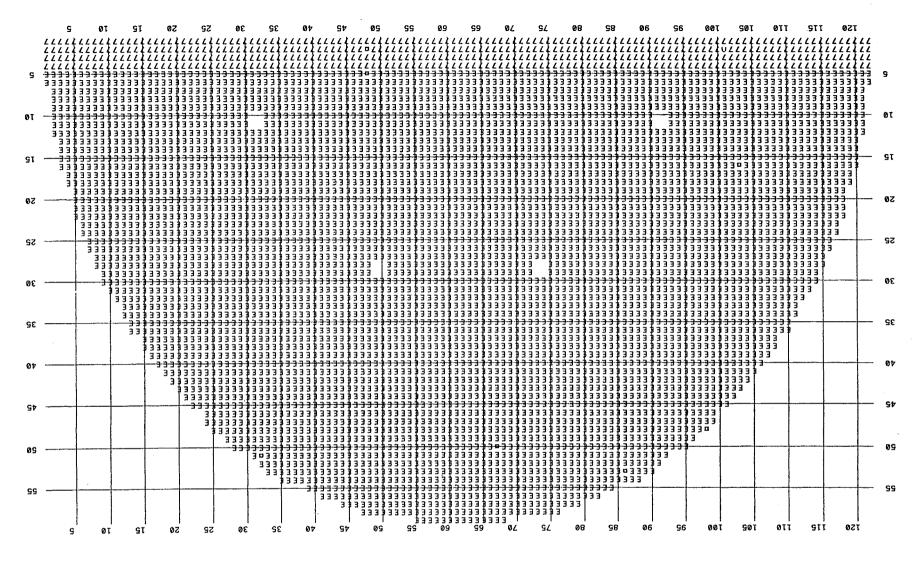
### SG - 2 .520 UB +PT INSPECTION PROGRAM

ACTS: GBE-04-101 R0 Vogtle U2R8 GBE F

n 145 TEST U-BEND







- 7 486 TESTED 7C THROUGH TEC
- U I LESLED SH THROUGH LEC
- E 2735 LESTED FULL LENGTH (TEH-TEC)

Vogtle U2R8 GBE F

SG - 2 COLD LEG BOBBIN COMPLETED EXTENTS

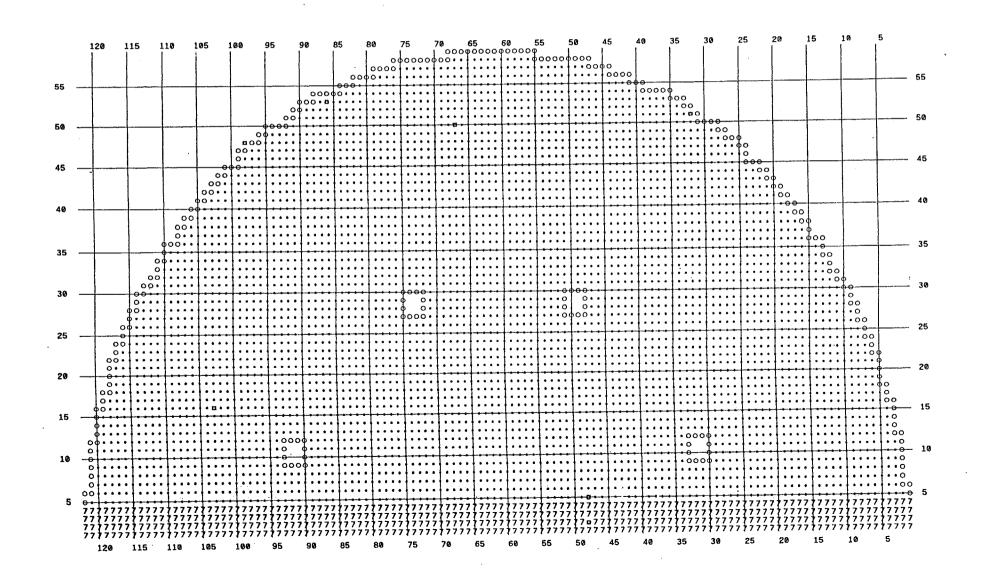
### SG - 2 HOT LEG BOBBIN COMPLETED EXTENTS

Vogtle U2R8 GBE F

7 244 TESTED 7C THROUGH TEH

7 243 TESTED 7H THROUGH TEH

m 7 PLUGGED TUBE



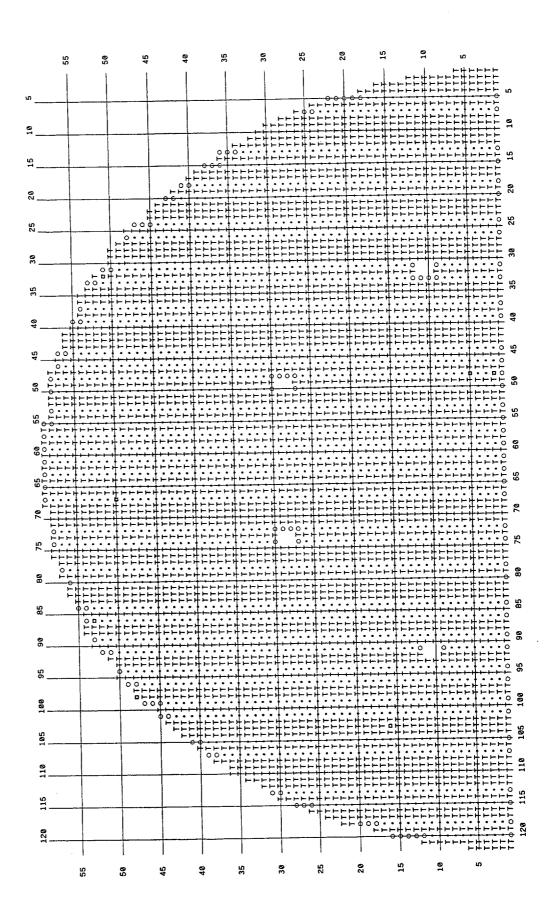
SG - 2 TOP OF TUBESHEET COMPLETED EXTENTS rom Base Scope vogte U2R8 GBE F

'n

T 3598 TESTED TSH +/-

7 PLUGGED TUBE

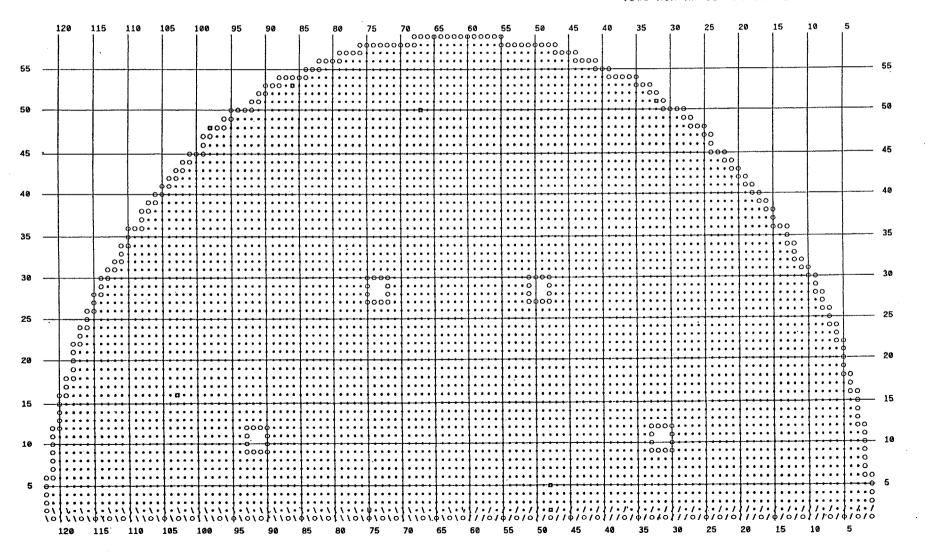
0

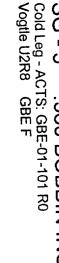


### SG - 2 U-BEND +PT COMPLETED EXTENTS

From Base Scope Vogtle U2R8 GBE F

- / 71 TESTED 7H THROUGH 7C WITH 0 7 PLUGGED TUBE .520-HF UB +PT PROBE
- Y 73 TESTED 7C THROUGH 7H WITH .520-HF UB +PT PROBE
- U 1 TESTED 7H THROUGH 7C WITH .500 NON-HF UB +PT PROBE





Ø

488

TEST

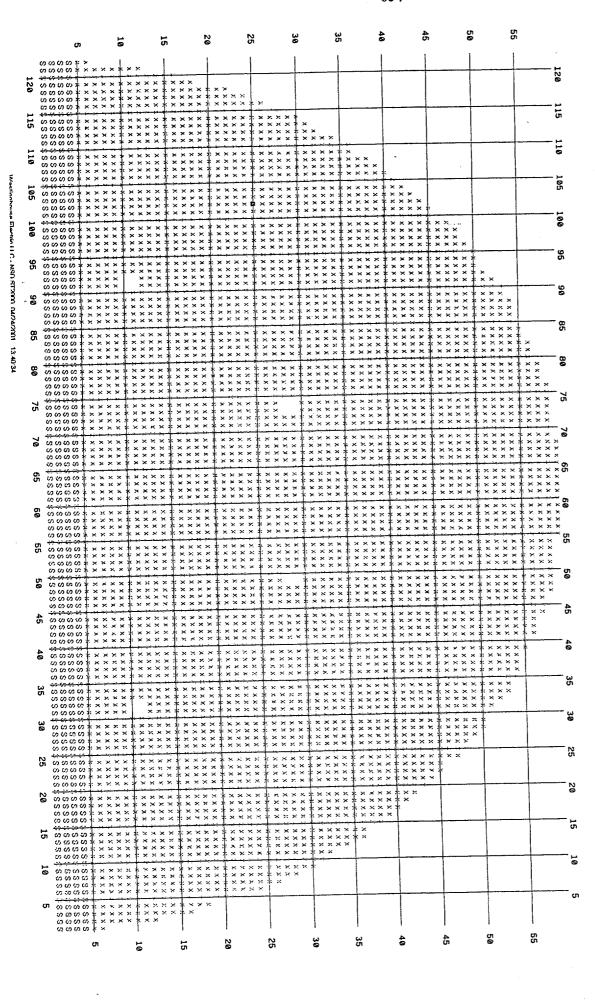
STRAIGHT SECTION MITH BOBBIN PROSE

×

5137

TEST FULL LENGTH WITH BOBBIN PROBE

. 560



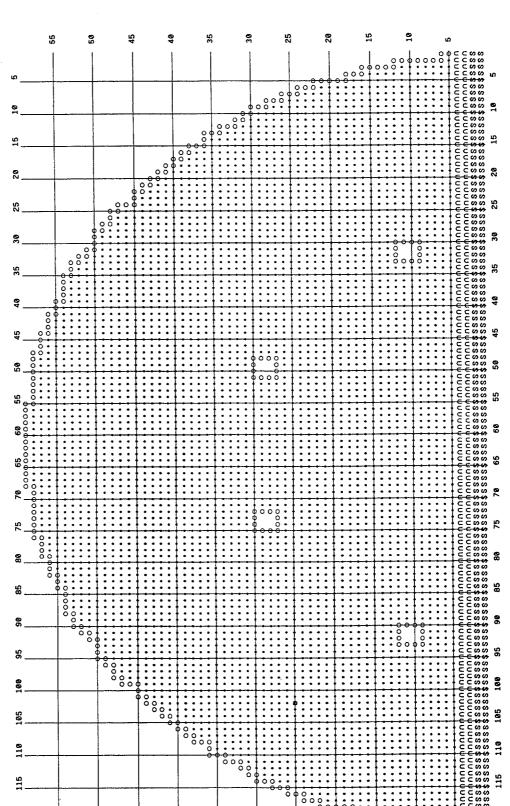
SG - 3 . 560 BOBBIN INSPECTION PROGRAM Hot Leg - ACTS: GBE-03-101 R0 Vogtle U2R8 GBE F



O 244 TEST FROM 7C THROUGH TEU WITH . SSØ BORBIN

PLUGGED TUBE

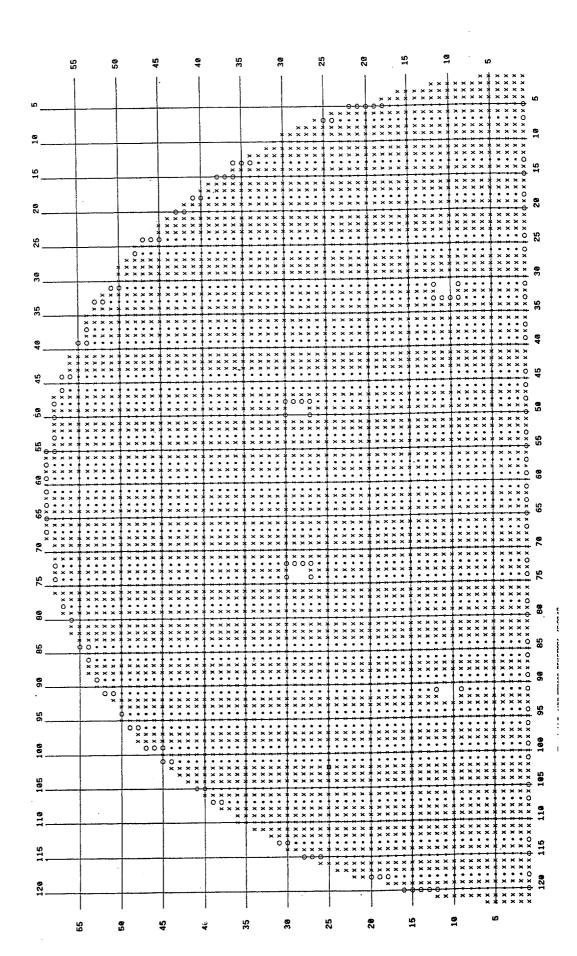
-4



Westinghouse Electric LLC - NSD ST2000 04/24/2001 13:41:45

SG - 3 .560 +PT RPC TOP OF TUBESHEET INSPECTION PROGRAM Hot Leg - ACTS: GBE-02-101 R0 Vogile U2R8 GBE F



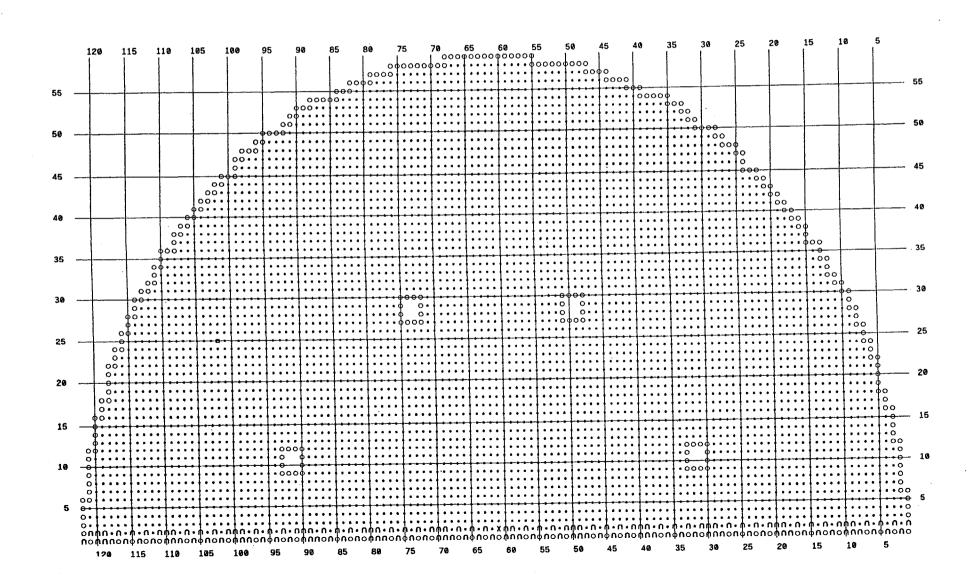


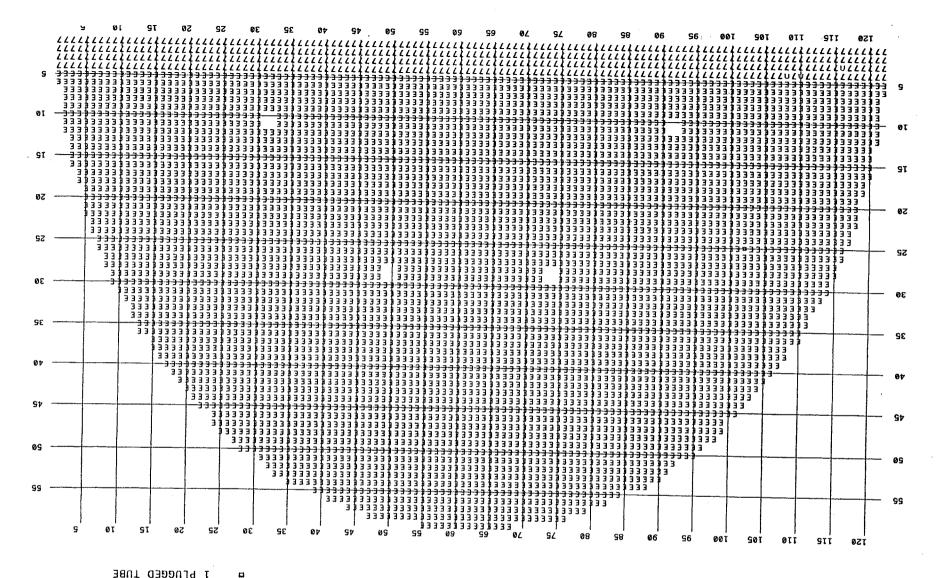
## SG - 3 .520 +PT U-BEND INSPECTION PROGRAM

ACTS: GBE-04-101 R0 Vogtle U2R8 GBE F

n 145 TEST UB

X 1 TEST UB - ADDED 4-20-01

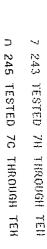




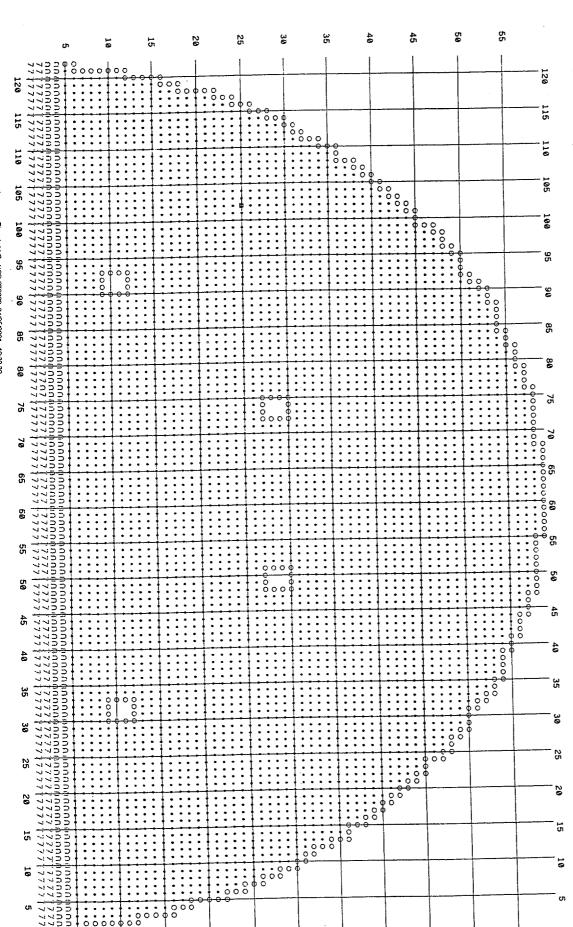
7 486 TESTED 7C THROUGH TEC 9 3 TESTED FULL LENGTH (TEH-TEC

Vogile U2R8 GBE F

SG-3 BOBBIN COMPLETED EXTENTS







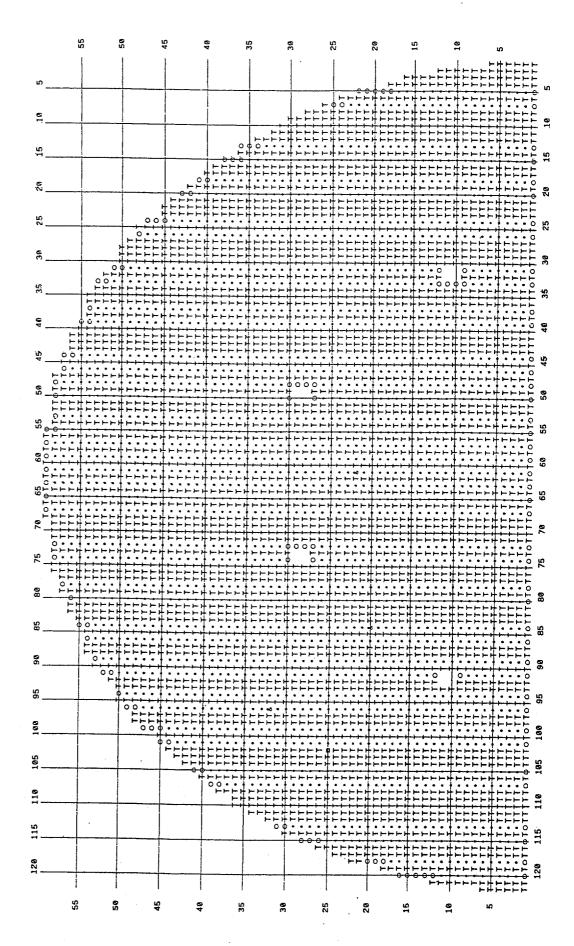
ű

estinahouse Flectric LLC - NSD ST2000 04/25/2001 10:30:39

SG - 3 HOT LEG TOP OF TUBESHEET COMPLETED EXTENTS
Basse Scope
Vogile UZR8 GBE F

3610 TESTED TOP OF TUBESHEET +/-

8 3 UNSCHEDULED TURE - TESTED TSH +/- 3"



# SG - 3 U-BEND +PT COMPLETED EXTENTS

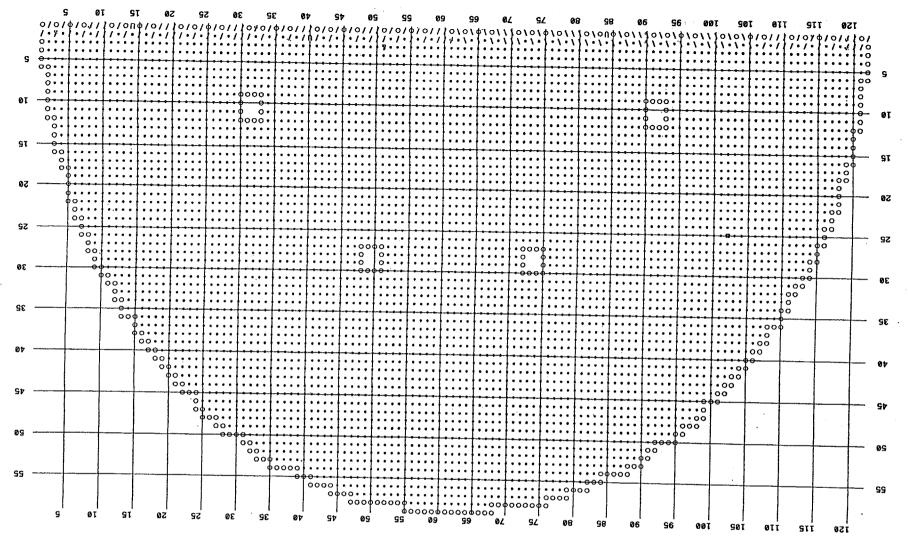
Vogtle U2R8 GBE F

& 1 UNSCHEDULED TUBE - TESTED; THROUGH 7H WITH .520 HF UB +PT PROBE .520 HF UB 4PT PROBE / 51 TESTED 7H THROUGH 7C WITH .520 HF UB 4PT PROBE

/ 92 TESTED 7C THROUGH 7H WITH

U 3 TESTED 7C THROUGH 7H WITH ...

□ I brneeeD 10BE



ASME Sect. XI Item No./Cat.	Augmented Examination Requirement	Component or Weld No./ <u>Description</u>	Exam Procedure	Calibration Block(s)	Exam Sheet No(s).	Results	Remarks
See Note A	See Note B	See Note C	See Note D	See Note E	See Note F	See Note G	See Note H

#### NOTES:

- A. The ASME Section XI Item No. and Category of the examination area are listed in this column.
- B. The implementing document, e.g., VEGP Technical Specifications, NRC Bulletin, etc., requiring performance of augmented examinations is referenced here.
- C. Each examination area is listed in this column. The component or weld number typically is similar to the drawing number, e.g., weld number 21201-005-8 is found on drawing number ISI-21201-005.
- D. This column lists the applicable NDE procedures used for the examination.
- E. This column lists the calibration block(s) that was/were used.
- F. This column references the examination data sheet(s) which records exam data, examiners, and any pertinent remarks.
- G. The results of the examinations are indicated in this column. The absence of indications is indicated in the column as "NI" or "SAT". The presence of nonrelevant indications or indications which are less than the recording level is indicated in the column as "NRI". The presence of indications deemed recordable (per NDE procedure) are indicated in the column as "RI" or "UNSAT" and are explained in the remarks column of the summary table.
- H. The remarks column is used to describe any pertinent features of the examination such as limitations, INFs, etc. Refer to INF section in this report for their disposition.

#### FIGURE 1. EXPLANATION OF SUMMARY TABLE FORMAT

VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	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	VT-1 PER RR-6	21201-B6-002-IR-01 INLET NOZZLE INNER RADIUS	VT-V-715		S01V2V045	SAT	N/A
B3.140 B-D	VT-1 PER RR-6	21201-B6-002-IR-02 OUTLET NOZZLE INNER RADIUS	VT-V-715		S01V2V046	SAT	N/A
B16.20 B-Q	TS 5.5.9	21201-B6-002-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES					SEE AUGMENTED SUMMARY SECTION FOR DETAILS AND RESULTS.
B16.20 B-Q	TS 5.5.9	21201-B6-003-T01 TUBING - ENTIRE LENGTH OF SELECTED TUBES					SEE AUGMENTED SUMMARY SECTION FOR DETAILS AND RESULTS.
B6.30 B-G-1		21201-V6-001-B01 CLOSURE HEAD STUDS	MT-V-505 UT-V-482	419A	S01V2M001 S01V2U326	NRI NRI	N/A
B6.30 B-G-1		21201-V6-001-B02 CLOSURE HEAD STUDS	MT-V-505 UT-V-482	419A	S01V2M002 S01V2U327	NRI NRI	N/A
B6.30 B-G-1		21201-V6-001-B03 CLOSURE HEAD STUDS	MT-V-505 UT-V-482	419A	S01V2M003 S01V2U328	NRI NRI	N/A
B6.30 B-G-1		21201-V6-001-B04 CLOSURE HEAD STUDS	MT-V-505 UT-V-482	419A	S01V2M004 S01V2U329	NRI NRI	N/A
B6.30 B-G-1		21201-V6-001-B05 CLOSURE HEAD STUDS	MT-V-505 UT-V-482	419A	S01V2M009 S01V2U330	NRI NRI	N/A
B6.30 B-G-1		21201-V6-001-B06 CLOSURE HEAD STUDS	MT-V-505 UT-V-482	419A	S01V2M010 S01V2U331	RI NRI	MT RI / CODE ACCEPTABLE.

VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B6.30		21201-V6-001-B07	MT-V-505	419A	S01V2M011	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482		S01V2U332	NRI	
B6.30		21201-V6-001-B08	MT-V-505	419A	S01V2M005	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482		S01V2U333	NRI	
B6.30		21201-V6-001-B09	MT-V-505	419A	S01V2M006	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482	•	S01V2U334	NRI	
B6.30		21201-V6-001-B10	MT-V-505	419A	S01V2M007	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482		S01V2U335	NRI	
B6.30		21201-V6-001-B11	MT-V-505	419A	S01V2M008	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482		S01V2U336	NRI	
B6.30		21201-V6-001-B12	MT-V-505	419A	S01V2M012	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482		S01V2U350	NRI	
B6.30		21201-V6-001-B13	MT-V-505	419A	S01V2M013	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482		S01V2U351	NRI	•
B6.30		21201-V6-001-B14	MT-V-505	419A	S01V2M014	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482		S01V2U352	NRI	
B6.30		21201-V6-001-B15	MT-V-505	419A	S01V2M015	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482		S01V2U353	NRI	
B6.30		21201-V6-001-B16	MT-V-505	419A	S01V2M016	NRI	N/A
B-G-1		CLOSURE HEAD STUDS	UT-V-482	71 <b>0</b> 10	S01V2U354	NRI	IVA

VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

B6.30 B-G-1  21201-V6-001-B17 CLOSURE HEAD STUDS  MT-V-505 MT-V-482  B6.30 B-G-1  21201-V6-001-B18 MT-V-505 MT-V-505 MT-V-482  MT-V-505 MT-V-482  B6.30 B-G-1  CLOSURE HEAD STUDS  MT-V-505 MT-V-505 MT-V-505 MT-V-505 MT-V-505 MT-V-505 MT-V-505 MT-V-505 MT-V-7482  S01V2W018 NRI N/A  S01V2W018 NRI N/A  S01V2W006 SAT N/A  S01V2V006 SAT N/A  S01V2V009 SAT N/A	
B6.30 21201-V6-001-B18 MT-V-505 419A S01V2M018 NRI N/A CLOSURE HEAD STUDS UT-V-482 S01V2U356 NRI  B13.10 FSAR 5.3.3.7 21201-V6-001-I02 VT-V-735 S01V2V006 SAT N/A VESSEL CLOSURE HEAD INTERIOR	
B-G-1 CLOSURE HEAD STUDS UT-V-482 S01V2U356 NRI  B13.10 FSAR 5.3.3.7 21201-V6-001-I02 VT-V-735 S01V2V006 SAT N/A  VESSEL CLOSURE HEAD INTERIOR	
B13.10 FSAR 5.3.3.7 21201-V6-001-I02 VT-V-735 S01V2V006 SAT N/A B-N-1 VESSEL CLOSURE HEAD INTERIOR	
B-N-1 VESSEL CLOSURE HEAD INTERIOR	
INTERIOR	
B6.10 VT-1 PER RR-5 21201-V6-001-N01 VT-V-715 S01V2V009 SAT N/A	
B-G-1 CLOSURE HEAD NUTS	
B6.10 VT-1 PER RR-5 21201-V6-001-N02 VT-V-715 S01V2V010 SAT N/A B-G-1 CLOSURE HEAD NUTS	
B-G-1 CLOSURE HEAD NUTS	
B6.10 VT-1 PER RR-5 21201-V6-001-N03 VT-V-715 S01V2V011 SAT N/A	
B-G-1 CLOSURE HEAD NUTS	
B6.10 VT-1 PER RR-5 21201-V6-001-N04 VT-V-715 S01V2V012 SAT N/A	
B-G-1 CLOSURE HEAD NUTS	
B6.10 VT-1 PER RR-5 21201-V6-001-N05 VT-V-715 S01V2V013 SAT N/A	
B-G-1 CLOSURE HEAD NUTS	
B6.10 VT-1 PER RR-5 21201-V6-001-N06 VT-V-715 S01V2V014 SAT N/A	
B-G-1 CLOSURE HEAD NUTS	
B6.10 VT-1 PER RR-5 21201-V6-001-N07 VT-V-715 S01V2V015 SAT N/A	
B-G-1 CLOSURE HEAD NUTS	
B6.10 VT-1 PER RR-5 21201-V6-001-N08 VT-V-715 S01V2V023 SAT N/A	
B-G-1 CLOSURE HEAD NUTS	

VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

ASME SECTION XI	AUGMENTED EXAMINATION	COMPONENT OR WELD NO. /	EXAMINATION	CALIBRATION	EXAM SHEET		
ITEM NO./CAT.	REQUIREMENT(S)	DESCRIPTION	PROCEDURE(S)	BLOCK(S)	NO(S).	RESULTS	REMARKS
B6.10	VT-1 PER RR-5	21201-V6-001-N09	VT-V-715		S01V2V024	SAT	N/A
B-G-1		CLOSURE HEAD NUTS					
B6.10	VT-1 PER RR-5	21201-V6-001-N10	VT-V-715		S01V2V025	SAT	N/A
B-G-1	VI-II EKKKK-0	CLOSURE HEAD NUTS	V 1-V-7 15		301 72 7023	SAT	N/A
		TO TO THE NOTE OF THE PARTY OF					
B6.10	VT-1 PER RR-5	21201-V6-001-N11	VT-V-715		S01V2V026	SAT	N/A
B-G-1		CLOSURE HEAD NUTS					
B6.10	VT-1 PER RR-5	21201-V6-001-N12	VT-V-715		2041/21/024	CAT	***
B-G-1	VI-I FLIX IXIX-5	CLOSURE HEAD NUTS	V 1-V-/ 13		S01V2V031	SAT	N/A
		CEGGORE HEAD NOTO					
B6.10	VT-1 PER RR-5	21201-V6-001-N13	VT-V-715		S01V2V032	SAT	N/A
B-G-1		CLOSURE HEAD NUTS	•				
B6.10	VT-1 PER RR-5	21201-V6-001-N14	VT-V-715		0011/01/022	CAT	A1/A
B-G-1	VI-I FER KK-5	CLOSURE HEAD NUTS	V 1-V-7 13		S01V2V033	SAT	N/A
		GEOGORE FIEAD NOTO				•	
B6.10	VT-1 PER RR-5	21201-V6-001-N15	VT-V-715		S01V2V034	SAT	N/A
B-G-1		CLOSURE HEAD NUTS					
DC 10	VT 4 DED DD 5	24204 VC 004 N4 C	VT V 745		0.041/01/005	0.4.7	
B6.10 B-G-1	VT-1 PER RR-5	21201-V6-001-N16 CLOSURE HEAD NUTS	VT-V-715		S01V2V035	SAT	N/A
501		CLOSURE HEAD NOTS					
B6.10	VT-1 PER RR-5	21201-V6-001-N17	VT-V-715		S01V2V036	SAT	N/A
B-G-1		CLOSURE HEAD NUTS					
B0.40	VT 4 DED DD 5	04004 \/0 004 \\40					
B6.10 B-G-1	VT-1 PER RR-5	21201-V6-001-N18	VT-V-715		S01V2V037	SAT	N/A
B-G-1		CLOSURE HEAD NUTS					
B6.50		21201-V6-001-S01	VT-V-715		S01V2V016	SAT	N/A
B-G-1		CLOSURE WASHERS					
B6,50		21201-V6-001-S02	VT-V-715		S01V2V017	SAT	N/A
B-G-1		CLOSURE WASHERS					

VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

ASME SECTION XI	AUGMENTED EXAMINATION	COMPONENT OR WELD NO. /	EXAMINATION	CALIBRATION	EXAM SHEET		DEMARKO
ITEM NO./CAT.	REQUIREMENT(S)	DESCRIPTION	PROCEDURE(S)	BLOCK(S)	NO(S).	RESULTS	REMARKS
B6.50		21201-V6-001-S03	VT-V-715		S01V2V018	SAT	N/A
B-G-1		CLOSURE WASHERS					
B6.50		21201-V6-001-S04	VT-V-715	•	S01V2V019	SAT	N/A
B-G-1		CLOSURE WASHERS					
B6.50		21201-V6-001-S05	VT-V-715		S01V2V020	SAT	N/A
B-G-1			V 1-V-/ 13		301 72 7020	SAT	IVA
D-G-1		CLOSURE WASHERS					
B6.50		21201-V6-001-S06	VT-V-715		S01V2V021	SAT	N/A
B-G-1		CLOSURE WASHERS					
		ocooone whomens					
B6.50		21201-V6-001-S07	VT-V-715		S01V2V022	SAT	N/A
B-G-1		CLOSURE WASHERS					
B6.50		21201-V6-001-S08	VT-V-715		S01V2V027	SAT	N/A
B-G-1		CLOSURE WASHERS					
B6.50		21201-V6-001-S09	VT-V-715		S01V2V028	SAT	N/A
B-G-1			V 1-V-/ 13		301 72 7020	SAI	IVA
D-G-1		CLOSURE WASHERS					
B6.50		21201-V6-001-S10	VT-V-715		S01V2V029	SAT	N/A
B-G-1		CLOSURE WASHERS					
		SESSONE WINDHERS					
B6.50		21201-V6-001-S11	VT-V-715		S01V2V030	SAT	N/A
B-G-1		CLOSURE WASHERS					
B6.50		21201-V6-001-S12	VT-V-715		S01V2V038	SAT	N/A
B-G-1		CLOSURE WASHERS					
De EO		21201-V6-001-S13	VT-V-715		S01V2V039	SAT	N/A
B6.50 B-G-1			V 1-V*/13		301 12 1009	SAI	N/A
D-G-1		CLOSURE WASHERS					
B6.50		21201-V6-001-S14	VT-V-715		S01V2V040	SAT	N/A
B-G-1		CLOSURE WASHERS					
		22221,					

# VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B6.50 B-G-1		21201-V6-001-S15 CLOSURE WASHERS	VT-V-715		S01V2V041	SAT	N/A
B6.50 B-G-1		21201-V6-001-S16 CLOSURE WASHERS	VT-V-715		S01V2V042	SAT	N/A
B6.50 B-G-1		21201-V6-001-S17 CLOSURE WASHERS	VT-V-715		S01V2V043	SAT	N/A
B6.50 B-G-1		21201-V6-001-S18 CLOSURE WASHERS	VT-V-715		S01V2V044	SAT	N/A
-	NRC BULL. 88-09	21201-V6-001-T01 - T58 INCORE FLUX THIMBLE TUBES	VENDOR				SEE AUGMENTED SUMMARY SECTION FOR DETAILS AND RESULTS.
:	W TECH BULL NS	21201-V6-001-T01-OD - T58-OD THIMBLE TUBE GUIDE TUBES	VENDOR				SEE AUGMENTED SUMMARY SECTION FOR DETAILS AND RESULTS.
B3.120 B-D		21201-V6-002-IR-01 6" SAFETY NOZZLE INNER RADIUS	UT-V-416	411A	S01V2U423	NRI	N/A
B3.120 B-D		21201-V6-002-IR-04 6" RELIEF NOZZLE INNER RADIUS	UT-V-416	411A	S01V2U424	NRI	N/A
B2.11 B-B		21201-V6-002-W01 UPPER HEAD TO UPPER SHELL WELD	UT-V-411	403A, 411A	\$01V2U435 \$01V2U437 \$01V2U438 \$01V2U439 \$01V2U440 \$01V2U441 \$01V2U442 \$01V2U443	NRI NRI NRI NRI NRI NRI NRI	UT SCANS LIMITED / RR-7.

VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B2.12		21201-V6-002-W06	UT-V-411	403A	S01V2U431	NRI	UT SCANS LIMITED / CODE CASE
B-B		UPPER SHELL LONGITUDINAL			S01V2U432	NRI	N-460 (>90%).
		WELD			S01V2U433	NRI	
					S01V2U434	NRI	
B3.110	MT PER RR-7	21201-V6-002-W10	MT-V-505	411A	S01V2M019	NRI	UT SCANS LIMITED / RR-7.
B-D		UPPER HEAD TO 6" SAFETY	UT-V-411		S01V2U367	NRI	
		NOZZLE WELD			S01V2U368	NRI	
					S01V2U369	NRI	
					S01V2U370	NRI	
B3.110	MT PER RR-7	21201-V6-002-W11	MT-V-505	411A	S01V2M020	NRI	UT SCANS LIMITED / RR-7.
B-D			UT-V-411		S01V2U363	NRI	
		NOZZLE WELD			S01V2U364	NRI	
					S01V2U365	NRI	
					S01V2U366	NRI	
B3.110	MT PER RR-7	21201-V6-002-W16	MT-V-505	411A	S01V2M021	NRI	UT SCANS LIMITED / RR-7.
B-D		14" SURGE NOZZLE WELD TO	UT-V-411		S01V2U372	NRI	
		LOWER HEAD			S01V2U373	NRI	
					S01V2U374	NRI	
					S01V2U375	NRI	
B5.40		21201-V6-002-W17	PT-V-605	324A, 355A	S01V2P025	NRI	UT SCANS LIMITED / RELIEF
B-F		6" SAFETY NOZZLE TO SAFE END	UT-V-404		S01V2U390	NRI	REQUEST REQUIRED.
		WELD			S01V2U391	NRI	
					S01 V2U392	NRI	
					S01V2U393	NRI	
					S01V2U394	NRI	
					S01V2U395	NRI	
					S01V2U396	NRI	
					S01V2U397	NRI	

VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B5.40		21201-V6-002-W18	PT-V-605	324A, 355A	S01V2P026	NRI	UT SCANS LIMITED / RELIEF
B-F		6" SAFETY NOZZLE TO SAFE END	UT-V-404		S01V2U398	NRI	REQUEST REQUIRED.
		WELD			S01V2U401	NRI	
					S01V2U404	NRI	
					S01V2U407	NRI	
					S01V2U410	NRI	
					S01V2U413	NRI	
					S01V2U416	NRI	
					S01V2U419	NRI	
B5.40		21201-V6-002-W19	PT-V-605	324A, 355A	S01V2P027	RI	PT RI / CODE ACCEPTABLE.
B-F		6" SAFETY NOZZLE TO SAFE END	UT-V-404		S01V2U399	NRI	UT SCANS LIMITED / RELIEF
					S01V2U402	NRI	REQUEST REQUIRED.
					S01V2U405	NRI	
					S01V2U408	NRI	
					S01V2U411	NRI	
					S01V2U414	NRI	
					S01V2U417	NRI	
					S01V2U420	NRI	
B5.40		21201-V6-002-W20	PT-V-605	324A, 355A	S01V2P028	NRI	UT SCANS LIMITED / RELIEF
B-F		6" RELIEF NOZZLE TO SAFE END	UT-V-404		S01V2U400	NRI	REQUEST REQUIRED.
		WELD			S01V2U403	NRI	
					S01V2U406	NRI	
					S01V2U409	NRI	
					S01V2U412	NRI	
					S01V2U415	NRI	
					S01V2U418	NRI	
					S01V2U421	NRI	

# VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 EQUIPMENT EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B5.40		21201-V6-002-W22	PT-V-605	315A, 357A	S01V2P020	NRI	N/A
B-F		14" SAFE END WELD TO SURGE	UT-V-404		S01V2U357	NRI	
		NOZZLE			S01V2U358	NRI	
					S01V2U359	NRI	
					S01V2U360	NRI	
					S01V2U361	NRI	
					S01V2U362	NRI	

#### VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 PIPING EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B9.11		21201-053-6	PT-V-605	315A	S01V2P021	NRI	N/A
B-J		14" PIPE TO SAFE END	UT-V-481		S01V2U376	NRI	
DO 44		21201-056-1	PT-V-605	304A, 324A	S01V2P018	NRI	UT RI / GEOMETRY.
B9.11 B-J		6" SAFE END TO ELBOW	UT-V-481	00-17 (, 02-17 (	S01V2U380	NRI	· · · · · · · · · · · · · · · · · · ·
D-3		6 SAFE END TO ELBOW			S01V2U381	RI	
B9.11		21201-057-1	PT-V-605	304A, 324A	S01V2P019	NRI	N/A
B-J		6" SAFE END TO ELBOW	UT-V-481		S01V2U386	NRI	
5.0		O SAIL END TO ELDOW			S01V2U387	NRI	
B9.11		21201-058-1	PT-V-605	304A, 324A	S01V2P016	NRI	UT RI / GEOMETRY.
B-J		6" SAFE END TO ELBOW	UT-V-481	·	S01V2U384	NRI	
		0 0/11 2 21/2 10 2220			S01V2U385	RI	
B9.11		21201-058-7	PT-V-605	304A	S01V2P017	NRI	UT SCANS LIMITED / RELIEF
B-J		6" ELBOW TO FLANGE	UT-V-481		S01V2U388	NRI	REQUEST REQUIRED.
,					S01V2U389	NRI	
B7.50		21201-058-7 FB	VT-V-715		S01V2V004	SAT	EXAMINED IN PLACE UNDER
B-G-2		6" FLANGE BOLT ASSEMBLY FOR 21201-PSV-8010A					TENSION.
B7.70		21201PSV8010A	VT-V-715		S01V2V003	SAT	EXAMINED IN PLACE UNDER
B-G-2		VALVE BOLTING (ISI-21201-058)					TENSION.
B9.11		21201-059-1	PT-V-605	304A, 324A	S01V2P012	NRI	UT RI / GEOMETRY.
B-J		6" SAFE END TO ELBOW	UT-V-481		S01V2U382	NRI	
					S01V2U383	RI	
B9.11		21201-059-11	PT-V-605	304A, 348A	S01V2P022	NRI	N/A
B-J		6" PIPE TO TEE	UT-V-481		S01V2U427	NRI	
					S01V2U428	NRI	

#### VEGP- 2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 PIPING EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B9.21		21201-059-14	PT-V-605		S01V2P029	NRI	N/A
B-J		3" REDUCER TO ELBOW					
P0.04		21201-059-15	PT-V-605		S01V2P030	NRI	N/A
B9.21			F1-V-003		001121 000	1414	1071
B-J		3" ELBOW TO ELBOW					
B9.21		21201-059-17	PT-V-605		S01V2P013	NRI	N/A
B-J		3" PIPE TO VALVE					
50.04		24204.050.49	PT-V-605		S01V2P014	NRI	N/A
B9.21		21201-059-18	F1-V-003		001421014	14141	N/A
B-J		3" VALVE TO PIPE					
B9.21		21201-059-21	PT-V-605		S01V2P015	NRI	N/A
B-J		3" PIPE TO VALVE					
					0041/00000	NE	AUT OCANIO LIMITED / CODE CACE
B9.11		21201-060-1	PT-V-605	304A	S01V2P023	NRI	UT SCANS LIMITED / CODE CASE N-460 (>90%).
B-J		6" TEE TO PIPE	UT-V-481		S01V2U425	NRI	14-400 (2 30 70).
D0 44		21201-060-2	PT-V-605	304A	S01V2P024	NRI	N/A
B9.11			UT-V-481	3047	S01V2U426	NRI	
B-J		6" PIPE TO REDUCER	01-4-401		301720420	MXI	
B9.21		21201-060-3	PT-V-605		S01V2P031	NRI	N/A
ВZ I		3" REDUCER TO ELBOW					
<b>D-3</b>		3. REDUCER TO ELBOW					
B9.21		21201-060-4	PT-V-605		S01V2P032	NRI	N/A
B-J		3" ELBOW TO ELBOW					
			DT 14 005		C041/0D000	NDI	NI/A
B9.21		21201-060-5	PT-V-605		S01V2P033	NRI	N/A
B-J		3" ELBOW TO PIPE					
B9.21		21201-060-6	PT-V-605		S01V2P034	NRI	N/A
B-J		3" PIPE TO VALVE					
D-V		3 FIFE IO VALVE					

# VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 1 PIPING EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
B9.21		21201-060-7	PT-V-605		S01V2P035	NRI	N/A
B-J		3" VALVE TO PIPE					
B9.21		21201-060-10	PT-V-605		S01V2P036	NRI	N/A
B-J	-	3" PIPE TO VALVE					
B7.70		21204U6079	VT-V-715		S01V2V005	SAT	EXAMINED IN PLACE UNDER
B-G-2		VALVE BOLTING (ISI-21204-124)					TENSION.

# VEGP-2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 2 EQUIPMENT EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
C2.21 C-B		21201-B6-001-W18 32" STEAM OUTLET NOZZLE TO UPPER HEAD WELD	MT-V-505 UT-V-411	409A	S01V2M023	NRI	SURFACE ONLY. VOLUMETRIC PERFORMED 2R7.

# VEGP- 2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 2 PIPING EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS
C5.11	AI 87-0131	21204-008-3	PT-V-605	414A	S01V2P001	NRI	N/A
C-F-1		8" PIPE TO ELBOW	UT-V-481		S01V2U302	NRI	
					S01V2U303	T & C	
C5.11	AI 87-0131	21204-008-4	PT-V-605	414A	S01V2P002	NRI	N/A
C-F-1		8" ELBOW TO PIPE	UT-V-481		S01V2U304	NRI	
					S01V2U305	T & C	
C5.11	AI 87-0131	21204-011-6	PT-V-605	337A	S01V2P008	NRI	N/A
C-F-1		6" PIPE TO TEE	UT-V-481		S01V2U307	NRI	
					S01V2U308	T&C	
C5.11	Al 87-0131	21204-012-10	PT-V-605	414A	S01V2P011	NRI	N/A
C-F-1		8" ELBOW TO PIPE	UT-V-481		S01V2U306	NRI	
					S01V2U322	T&C	
C5.11	AI 87-0131	21206-005-1	PT-V-605	414A	S01V2P007	NRI	UT SCANS LIMITED / RELIEF
C-F-1		8" FLANGE TO PIPE	UT-V-481		S01V2U314	NRI	REQUEST REQUIRED.
					S01V2U319	NRI	
				•	S01V2U320	NRI	
					S01V2U321	T & C	
C5.11	AI 87-0131	21206-005-2	PT-V-605	414A	S01V2P006	NRI	N/A
C-F-1		8" PIPE TO ELBOW	UT-V-481		S01V2U317	NRI	
					S01V2U318	T & C	
C5.11	AI 87-0131	21206-006-1	PT-V-605	414A	S01V2P003	NRI	UT SCANS LIMITED / RELIEF
C-F-1		8" FLANGE TO PIPE	UT-V-481		S01V2U315	NRI	REQUEST REQUIRED.
					S01V2U316	T&C	
					S01V2U323	NRI	

# VEGP- 2 EIGHTH MAINTENANCE / REFUELING OUTAGE CLASS 2 PIPING EXAMINATIONS

ASME SECTION XI ITEM NO./CAT.	AUGMENTED EXAMINATION REQUIREMENT(S)	COMPONENT OR WELD NO. / DESCRIPTION	EXAMINATION PROCEDURE(S)	CALIBRATION BLOCK(S)	EXAM SHEET NO(S).	RESULTS	REMARKS	
C5.11	AI 87-0131	21206-006-2	PT-V-605	414A	S01V2P004	NRI	N/A	
C-F-1		8" PIPE TO ELBOW	UT-V-481		S01V2U312	NRI		
					S01V2U313	T & C		
C5.11	AI 87-0131	21206-006-3	PT-V-605	414A	S01V2P005	NRI	N/A	
C-F-1	•	8" ELBOW TO PIPE	UT-V-481		S01V2U309	NRI		
					S01V2U310	T & C		
C3.20		21206-006-18	PT-V-605		S01V2P010	Ni	N/A	
C-C		SUPPORT H008						
C3.20		21206-006-41	PT-V-605		S01V2P009	NRI	N/A	
C-C		SUPPORT H015						

ASME Sect. XI Cat.	ISI Class	Support No. & Description.	Examination <u>Procedures</u>	Exam Sheet No.	Results	Remarks
See Note A	See Note B	See Note C	See Note D	See Note E	See Note F	See Note G

#### NOTES:

- A. The ASME Section XI category designation for the equipment support is listed in this column.
- B. The ASME Section XI class no., e.g., 1, 2, or 3, for the system on which the equipment support being examined is listed in this column.
- C. The equipment support number and support description are listed in this column.
- D. This column lists the applicable NDE procedure(s) used during the examination. When a class 3 support lists VT-V-715 (VT-1) in addition to VT-V-735 (VT-3), the class 3 support also received a VT-1 on the integral attachment per IWD-2500-1 and Code Case N-509 (RR-20).
- E. This column references the examination data sheet(s) which serve to document the examination and lists the examiner, any pertinent remarks, etc.
- F. The results of the examinations are indicated in this column.
- G. The remarks column is used to describe any pertinent features of the examination such as limitations, reportable results, INFs, etc. Refer to INF section in this report for their disposition.

## **EQUIPMENT SUPPORT EXAMINATIONS**

No equipment support examinations were performed during the 2R8 maintenance/refueling outage.

ASME Sect. XI Cat.	ISI Class	NPS (In.)	Support No. & Description	Examination Procedure(s)	Exam Sheet No.	Results	Remarks
See Note A	See Note B	See Note C	See Note D	See Note E	See Note F	See Note G	See Note H

#### NOTES:

- A. The ASME Section XI category designation for the piping support is listed in this column.
- B. The ASME Section XI class no., e.g., 1, 2, 3, for the system on which the piping support being examined is listed in this column.
- C. This column indicates the nominal pipe size in inches for the piping on which the piping support is being examined.
- D. The piping support number and support description are listed in this column.
- E. This column lists the applicable NDE procedure(s) used during the examination. When a class 3 support lists VT-V-715 (VT-1) in addition to VT-V-735 (VT-3), the class 3 support also received a VT-1 on the integral attachment per IWD-2500-1 and Code Case N-509 (RR-20).
- F. This column references the data sheet(s) which serve to document the examination and list the examiner, any pertinent remarks, etc.
- G. The results of the examinations are indicated in this column.
- H. The remarks column is used to describe any pertinent features of the examination such as limitations, reportable results, INFs, etc. Refer to INF section in this report for their disposition.

#### FIGURE 3. EXPLANATION OF PIPING SUPPORT SUMMARY TABLE FORMAT

#### PIPING SUPPORT EXAMINATIONS

No piping support examinations were performed during the 2R8 maintenance/refueling outage.

Tag Number	ISI Class	Snubber Mfgr/Size	Scope Examined	Results
See Note A	See Note B	See Note C	See Note D	See Note E

#### NOTES:

- A. The unique tag number for the snubber being examined is listed in this column.
- B. The ASME Section XI class no., e.g., 1, 2, 3, for the system on which the snubber being examined is listed in this column.
- C. This column lists the name of the manufacturer of any snubbers functionally tested and the size of the snubber, e.g., PSA-1/4. Manufacturer designations are abbreviated and can be found in the List of Abbreviations.
- D. This column lists the scope of examination in which the snubber is functionally tested, i.e., original scope or expanded scope. Snubbers included in the expanded scope of examination are generally as a result of other snubber functional test failures.
- E. The results of the functional test of the snubber tested is listed in this column.

## VEGP-2 EIGHTH MAINTENANCE/REFUELING OUTAGE SNUBBER FUNCTIONAL TESTS

#### **TYPE I SNUBBERS**

TAG NUMBER	ISI CLASS	SNUBBER MFGR/SIZE	SCOPE EXAMINED	RESULTS
21201-239-H001	2	PSA-1/2	EXPANDED	PASS
21204-057-Н019	2	PSA-1/2	PREV FAILURE	PASS
21208-047-H604	1	PSA-1/2	PREV FAILURE	PASS
21217-073-H623	3	PSA-1/4	ORIGINAL	PASS
21305-063 <b>-</b> H004A	-	PSA-1/2	PREV FAILURE	PASS
21305-063-H004B	-	PSA-1/2	PREV FAILURE	PASS
22402-022 <b>-</b> H004	-	PSA-1/4	ORIGINAL	PASS
22402-023 <b>-</b> H003	-	PSA-1/4	ORIGINAL	PASS

#### **TYPE II SNUBBERS**

ISI CLASS	SNUBBER MFGR/SIZE	SCOPE EXAMINED	RESULTS	
1	PSA-3	ORIGINAL	PASS	
1	PSA-3	ORIGINAL	PASS	
2	PSA-3	ORIGINAL	PASS	
1	PSA-3	ORIGINAL	PASS	
2	PSA-3	ORIGINAL	PASS	
-	PSA-10	EXPANDED	FAILED	
2	PSA-3	ORIGINAL	PASS	
	1 2 -	ISI CLASS         MFGR/SIZE           1         PSA-3           1         PSA-3           2         PSA-3           1         PSA-3           2         PSA-3           2         PSA-10	ISI CLASS MFGR/SIZE EXAMINED  1 PSA-3 ORIGINAL  1 PSA-3 ORIGINAL  2 PSA-3 ORIGINAL  1 PSA-3 ORIGINAL  2 PSA-3 ORIGINAL  2 PSA-3 ORIGINAL  - PSA-10 EXPANDED	ISI CLASS MFGR/SIZE EXAMINED RESULTS  1 PSA-3 ORIGINAL PASS  1 PSA-3 ORIGINAL PASS  2 PSA-3 ORIGINAL PASS  1 PSA-3 ORIGINAL PASS  2 PSA-3 ORIGINAL PASS  2 PSA-3 ORIGINAL PASS  - PSA-10 EXPANDED FAILED

#### **TYPE III SNUBBERS**

TAG		SNUBBER	SCOPE	
NUMBER	ISI CLASS	MFGR/SIZE	EXAMINED	RESULTS
21201-053-H005	1	PSA-35	ORIGINAL	PASS
21204-126 <b>-</b> H020	1	PSA-35	ORIGINAL	PASS
21305-056-H022B	-	PSA-35	ORIGINAL	PASS

# VEGP-2 EIGHTH MAINTENANCE/REFUELING OUTAGE SNUBBER FUNCTIONAL TESTS (continued)

#### **TYPE IV SNUBBERS**

TAG NUMBER	ISI CLASS	SNUBBER MFGR/SIZE	SCOPE EXAMINED	RESULTS
21201-014-H641	2	AD-41	ORIGINAL	PASS
21201-051-Н006	1	AD-41	ORIGINAL	PASS
21201-106-H001	-	AD-71	ORIGINAL	PASS
21202-231-Н030	2	AD-153	ORIGINAL	PASS
21204-192-H001	2	AD-503	ORIGINAL	PASS
21208-007-Н002	1	AD-501	ORIGINAL	PASS
21208-008-H025	2	AD-73	ORIGINAL	PASS
21208-011-H045	2	AD-41	ORIGINAL	PASS
21208-055-H046	2	AD-153	ORIGINAL	PASS
21208-225-H004	2	AD-41	PREV. FAILURE	PASS
21217-071-H628A	3	AD-41	ORIGINAL	PASS
21301-118-Н011	2	AD-151	ORIGINAL	PASS
21301-121-Н004	2	AD-43	ORIGINAL	PASS
21301-127-Н024	2	AD-503	ORIGINAL	PASS
21301-128-Н006	2	AD-501	ORIGINAL	PASS
21301-129-Н016	2	AD-151	ORIGINAL	PASS
21301-136-Н003	2	AD-71	ORIGINAL	PASS
21301-137-Н004	2	AD-151L	ORIGINAL	PASS
21301-139-Н003	2	AD-71	ORIGINAL	PASS
21301-168-H001	-	AD-41	ORIGINAL	PASS
21301-168-Н012	-	AD-73	EXPANDED	PASS
21301-213-Н003	2	AD-73	ORIGINAL	PASS
21302-108-H005	2	AD-503	ORIGINAL	PASS
21302-109-Н013	2	AD-503	ORIGINAL	PASS
21302-109 <b>-</b> H015	2	AD-501	ORIGINAL	PASS
21302-110-Н019	2	AD-501	ORIGINAL	PASS

### **VEGP-2 EIGHTH MAINTENANCE/REFUELING OUTAGE** SNUBBER FUNCTIONAL TESTS (continued)

#### **TYPE V SNUBBERS**

TAG NUMBER	ISI CLASS	SNUBBER MFGR/SIZE	SCOPE EXAMINED	RESULTS
21201-064-H614A	-	AD-1603	ORIGINAL	PASS
21201-064-H614B	-	AD-1603	EXPANDED	PASS
21201-064-Н625	-	AD-1601	EXPANDED	PASS
21202-004-Н073	3	AD-1601	ORIGINAL	PASS
21204-023-H001	1	AD-5501	ORIGINAL	PASS
21204-023-H005	1	AD-1603	EXPANDED	PASS
21204-023-Н009	1	AD-1601	ORIGINAL	PASS
21204-024-Н038	1	AD-1601	EXPANDED	PASS
21204-025-H006	1	AD-1601	EXPANDED	PASS
21204-043-Н013	1	AD-1601	EXPANDED	PASS
21204-125-H007	1	AD-5501	EXPANDED	PASS
21205-007-Н019	2	AD-1603	ORIGINAL	PASS
21208-008-Н018	2	AD-1603	EXPANDED	PASS
21301-014-Н005	2	AD-1603	EXPANDED	PASS
21301-015-H004	2	AD-1603	ORIGINAL	FAILED
21301-104-H004	2	AD-5501	EXPANDED	PASS
21301-104-H005	2	AD-5501	EXPANDED	PASS
21301 <b>-</b> 104-H006	2	AD-5501	EXPANDED	PASS
21301-105-Н002	2	AD-5503	ORIGINAL	PASS
21301-105-Н003	2	AD-12501	CR#199901715	PASS
21301-105-Н006	2	AD-5501	EXPANDED	PASS
21301-106-Н002	2	AD-5503	EXPANDED	PASS
21301-106-Н005	2	AD-5501	EXPANDED	FAILED
21301-106-Н006	2	AD-5501	EXPANDED	PASS
21301-107-H004	2	AD-5501	ORIGINAL	PASS
21301-107-Н005	2	AD-5501	EXPANDED	PASS

## VEGP-2 EIGHTH MAINTENANCE/REFUELING OUTAGE SNUBBER FUNCTIONAL TESTS

(continued)

### TYPE V SNUBBERS (continued)

ISI CLASS	SNUBBER MFGR/SIZE	SCOPE EXAMINED	RESULTS
2	AD-5501	EXPANDED	PASS
2	AD-1603	ORIGINAL	PASS
2	AD-1603	EXPANDED	PASS
2	AD-1601	ORIGINAL	PASS
2	AD-12501	EXPANDED	PASS
2	AD-12501	ORIGINAL	PASS
2	AD-12501	EXPANDED	PASS
2	AD-12501	EXPANDED	PASS
2	AD-12501	ORIGINAL	PASS
2	AD-12501	EXPANDED	PASS
-	AD-1601	EXPANDED	PASS
	2 2 2 2 2 2 2 2 2 2 2 2	ISI CLASS MFGR/SIZE  2 AD-5501  2 AD-1603  2 AD-1603  2 AD-1601  2 AD-12501  2 AD-12501  2 AD-12501  2 AD-12501  2 AD-12501  2 AD-12501	ISI CLASS         MFGR/SIZE         EXAMINED           2         AD-5501         EXPANDED           2         AD-1603         ORIGINAL           2         AD-1603         EXPANDED           2         AD-1601         ORIGINAL           2         AD-12501         EXPANDED           2         AD-12501         EXPANDED           2         AD-12501         EXPANDED           2         AD-12501         ORIGINAL           2         AD-12501         EXPANDED           2         AD-12501         EXPANDED           2         AD-12501         EXPANDED

#### TYPE VI SNUBBERS

TAG NUMBER	ISI CLASS	SNUBBER MFGR/SIZE	SCOPE EXAMINED	RESULTS	
21201-B6-002 <b>-</b> S08	2	PM-25701	ORIGINAL	PASS	

#### SYSTEM PRESSURE TESTS

The following pressure tests were included in the scope of the eighth maintenance/refueling outage (2R8) at VEGP-2. These pressure tests included system inservice tests and system leakage tests. No functional tests or hydrostatic tests were performed during 2R8. Boundaries for the pressure tests that were performed during 2R8 are described in the VEGP-2 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 Inservice Test Schedule (ITs)**

IT	Exam.	Test
Number	Cat.	Description
10	С-Н	CVCS Inservice Test with Normal Charging Pump Operating (Outside Containment) (See Note 1)

#### System Leakage Test Schedule (LT)

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

NOTE 1: Most portions of this pressure test boundary were examined prior to the end of the seventh maintenance/refueling outage. The remaining portions were examined after the end of the seventh maintenance/refueling outage after the incorporation of a design change (DCP-V2N0056) which replaced the positive displacement charging pump with a centrifugal-type normal charging pump.

#### **INDICATION NOTIFICATION FORMS**

No Indication Notification Forms were required during the 2R8 maintenance/refueling outage.

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

The following Owner's Reports for Repairs or Replacements (Form NIS-2) are provided for work activities documented at VEGP-2 since the last maintenance/refueling outage (2R7) through the completion of the eighth maintenance/refueling outage (2R8) in May 2001. Reports are identified by their respective traveler number which is denoted on each of the NIS-2 reports. The originals of the NIS-2 reports are filed with their respective traveler packages at the plant site. Only those NIS-2 reports applicable to VEGP-2 are included in this report document. Any attachments, e.g., code data reports, etc., referenced in the NIS-2 reports will be made available for review upon request at the plant site.

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

96236	99138	99181	99224	99264	99282
96348	99139	99189**	99226	99265	99283
99050	99140	99190**	99227	99266	99285
99051	99141	99191	99228	99267	00015
99052	99142	99202	99229	99271	00087
99115	99143	99204	99232	99272	00090
99124	99144	99209	99233	99273	00139
99125	99145	99210	99257	99274	00141
99127	99146	99211	99258	99275	00157
99128	99148	99218	99259	99276	00193
99129	99149	99219	99260	99277	01003
99130**	99150**	99221	99261	99278	01011
99131	99170	99222**	99262	99279	
99133	99179**	99223	99263	99280	

<sup>\*\*</sup>These travelers are certified on the same NIS-2 report:

<sup>99130</sup> is certified with 99222,

<sup>99150</sup> is certified with 99179, and

<sup>99189</sup> is certified with 99190.

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

						Traveler #	96-236
1. Owner	Georgia Power	Company Name		Date _		9/12/96	
	333 Pledmont A	venue, Atlanta GA	•	Sheet _	1	of	1
2. Plant	Vogtle Electric G	Generating Plant		Unit		2	
	Waynesboro, GA			MWO#		29601768	
		Address		·	Repair Org	ganization P.O. No., Je	ob No., etc.
3. Work Per	rformed by <u>Nuclea</u>	ar Operations Mail Name	ntenance			ant Vogtle	
4. Identifica	ation Of System			1208 / Chemical and			
(b)Applic	cable Construction able Edition of sec ation Of Component	tion XI Utilities Fo	r Repairs	Or Replacements 198	inter 1977 <u>3</u>	Addenda, N-249-	1 Code Case
				Components			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUF/ICTUR   1 E'. SER FL NC .	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPE SUPPORT	PULLMAN POWER PRODUCTS	AV.1	N/A	V2-1208-066-H019	19868 Bart 10/06/96	REPLACEMENT	YES
8. Test Cond	ducted: N/A X	Hydrostatic Other made in the report	Pneumati Pressure CERTIFIC	N/A PSI Tes  ATE OF COMPLIANC  act and this	rating Pressure[ it Temp	N/A °F	ms to the
Type Code Sym	nbol Stamp			N//	Δ		1
Certificate of A	uthorization No.	N/A		Expiration D	<del></del>		
		PPROVED BY			<del></del>	N/A 19 9 <u>6</u>	
		CERT	IFICATE C	OF INSERVICE INSPE	CTION		
lave inspected      - 2x - 0       - 2x - 0       - 2x - 0         - 2x - 0	the components di , and state sures described in certificate, neither d corrective meas	commission issue and employ escribed in this O the best on this Owners Rer the inspector ourse described in personal injury o	ed by the red by <u>Har</u> wner's Re of my kno teport in	national Board of board of steam boller Inceport during the period belief, accordance with the employer makes any ters Report. Further by damage or a loss ons	iler and Pressure spection and Inso od	performed examination of the ASME Code ressed or implied, or elimpted from or connections of the connection of the conne	ons and taken le, Section XI. concerning the employer shall ected with this
_	_		الا.م. ک	National Bo	oard, State, Prov	ince and Endorsemer	nts
Date	<b>38-20</b> 00	19.00 99	5.23.01				

							Traveler #	96 278
1	Owner	Georgia Power C	Company		Date	10 -	8-96	
		Nam 333 Pledmont Av	enue, Atlanta GA		Sheet		of \	
2	Plant	Voqtie Electric G	enerating Plant	<del></del>	Unit	. 2		
		Waynesboro, GA			MWO#	2960	2 2477	
		Addr			Re	pair Orga	nization P.O. No., Jo	b No., etc.
J	WORK Pen	formed By <u>Nuclear Op</u>	erations Maintenand Name	<u> </u>			nt Vogtle dress	
4	identificat	ion Of System \	L17 - Aux	uliary	Component	Cool	m, Water	
5	(a) Applica	able Construction Cod able Edition Of Section	ASME SEC III	19 <u>77</u> Ed	ition, <u>Winter 1977</u> A	ddenda,	H-249-1	Code Case
		ion Of Components Re			<del></del> -			
	NAME OF VPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	Support	Pullman Power Products	NO.	NO.	DENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
T THE	Support	Products	NA	N/A	150-H630	1988	Replacement	Yes
7.	Descriptio	n Of Work <u>Snubber AC</u>	Seri	** 389	was replaced with	* 40 T	Serial #	7
× 2.	t <del>o support</del>	surveillance testing.	Transition	tube was			Salial # (%)	
8.	Tests Cond	1.7	rostatica Pneum		ninal Operating Pre	ssure 🗆		
<del></del>		N/AiX Oth	er© Pressu	ire	_PSI Test Temp.	·	<b>:</b> F	
į			CERTI	FICATE OF CO	OMPLIANCE		n repa	ir RA
rules	We ce of the ASA	rtify that the statemen IE Code, Section XI.	ts made in the repor	rt are correct a	and this <u>repl</u>	ace m	ENZ con	forms to the
_							placement	
1	•	bol Starnp		NA				
Certifi	icate of Ay	therization No	APPROVED B	N/A	Expiration Dat	te	N/A	
Signe	O VIA	Owner or Owner's	STAINTENANCE MAI				10/16	,19 96
·						···		
					CE INSPECTION			
l, the u	undersigne Ice of	d, holding a valid com	mission issued by (	the national Bo	pard of boiler and P	ressure vo	essel inspectors and	the State or
have i	nspected t	he components descri	bed in this Owner's	Paport during	the period	d Insuran	ce Co. of Hartford.	Connecticut
	-20-00	and state that to ires described in this	INA DARE OF HOU L	noudedes	halled the Co.	4		s and taken
By sig	ning this	certificate, neither th	e inspector nor hi	e employee -				
examin be liat	nations an de in any	d corrective measures manner for any pers	described in this Conal injury or pro-	Wner's Repor	t. Furthermore, ne	ither the l	nspector nor his en	ployer shall
inspec	tion.	2/	and any or prop	only demoge	or a loss of any i	ring arisir	ig from or connect	ed with this
1	100	eanna.	Commis		GA 203			
Dat-		spector's Signature	10 pg 996 23:01	N	ational Board, State	, Province	and Endorsements	
Date	11-28	- 2000 -	10-00 5					

							Traveler #_	99050	
1.	Owner	Southern Nuclear	Operating Compan	ı <u>y</u>	Date		09/15/99		
		40 Inverness Cent	Name er Parkway, Birmi	ngham, AL	Sheet	1	Of	1	
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit		2		
		Waynesboro, GA	30830		MWO#		29900308		
			Address			Repair Or	ganization P.O. No.	, Job No., etc.	
3.	Work Per	formed by <i>Nuclea</i>	r Operations Maint	tenance			Plant Vogtle		
		-	Name				Address		
4.	Identifica	tion Of System	<del></del>		1208 / Chemical and	d Volume Contr	ol System		
5.					<i>1974</i> Edition, <u>Su</u> Or Replacements 19		_ Addenda,^	V/A Code Case	
6.	Identifica	tion Of Componen	ts Repairs Or Re	placement	Components			•	
	NAME OF	NAME OF	MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR		
_	WPONENT WALVE	MANUFACTURER ROCKWELL	NO. BX844	NO.	1DENTIFICATION 2-1208-U4-483	BUILT 1985	REPLACEMENT REPLACEMEN		
		INTERNATIONAL							
							<u> </u>		
7.	Descripti	on Of Work Perfor	med locking tack	weld on val	ve cap to body conne	ction per WPCS	<u>990050.</u>		
	•						_		
8.	Test Con	ducted: N/A X	Hydrostatic Other	Pressure		rating Pressure st Temp.			
				CERTIFI	CATE OF COMPLIA	NCE			٦
We	certify that	the statements ma	ade in the report	are correct	and this	REPLACEN	<i>IENT</i> co	nforms to the	ı
rule	s of the AS	SME Code, Section	XI.			repair or repla	cement		۱
Тур	e Code Syl	mbol Stamp				N/A		<del></del>	┨
Cert	ificate of A	Authorization	N	/A	Expiration	Date	N	/A	l
Sigr	ned X	R Holmes	Maint Mey	Dat	e	9/20	19 99		]
		Owner of Owner	s Designee, Title						_
			CE	RTIFICATE	OF INSERVICE INS	PECTION			ı
	e undersig	jned, holding a val <i>Georgia</i>						ectors and the State o artford, Connecticut have	
to .	11-19-		e that to the be		nowledge and beli		has performed ex	d 01/21/99 kaminations and taker ME Code, Section XI	
exa:	minations	and corrective me	asures describe	d in this O	wners Report. Fur	thermore, nei	her the Inspector	nplied, concerning the nor his employer shal or connected with this	uĮ
ins			y personal injui	ry or prop	erty damage or a	ioss or any a			۶
ins	rection.	Inspector's Signat	lai Vi	Commissi	ions GA49	フ	Province and End		5

						Traveler #	99051
1. Owner	Southern Nuclea	ar Operating Comp	any	Date _		03/23/00	
	40 Inverness Ce	Name Inter Parkway, Birn	ningham, AL	Sheet _	1	Of	3
2. Plant	Vogtle Electric G	enerating Plant		Unit _	****	2	****
	Waynesboro, GA	A 30830		MWO#	WO# 29900499	, PO# 7038022 and P0	O# 7038895
		Address		_	Repair Org	anization P.O. No., J	ob No., etc.
3. Work P	erformed by <u>Nucle</u>	ar Operations Mai	ntenance		P	lant Vogtle	
		Name				Address	
4. Identific	ation Of System			1201 / React	tor Coolant Syste	m	· · · · · · · · · · · · · · · · · · ·
(b)Appli	icable Construction cable Edition of Sestion Of Compone	ection XI Utilized	For Repairs	Or Replacements 1	inter 1972 9 <u>89</u>	Addenda, N/A	Code Case
NAME	NAME	MANUFACTURER			<u> </u>	REPAIRED.	ASME CODE
OF COMPONENT	OF	SERIAL	BOARD	OTHER	YEAR	REPLACED OR	STAMPED
SAFETY VALVE	CROSBY VALVE & GAGE CO.		NO. N/A	2PSV-8010B	8UILT 1978	REPLACEMENT  REPLACEMENT	(YES OR NO) YES
		0020					
	<u> </u>						
8. Test Co		Hydrostatic Other	Pneumatic Pressure	Nominal Ope	rating Pressure st Temp.		
We certify th	nt the statements n	ande in the report	t are correct	and this	REPLACEME	NT comfo	
	SME Code, Section				Repair or replace		rms to the
Type Code S	mboi Stamp			1	√A		
Certificate of No.	Authorization	P	WA.	Expiration	Date	N/A	
Signed 7	Owner or Owne	Mant ) r's Designee, Titl	May Date	B	7/:	20 00	
		CE	RTIFICATE O	OF INSERVICE INSE	ECTION		
, the undersi	gned, holding a va f <u>Georgia</u>	alid commission i	issued by th	e national Board of	f boiler and Pre	ssure vessel inspect <u>od insurance Co.</u> of <u>Ha</u>	ors and the State
have inspection of the inspect	, and sta	iponents desc te that to the be	ribed in stof mv kn	this Owner's owledge and belief	Report duri		01/25/99
By signing texaminations	his certificate, nei and corrective me any manner for an	ither the Inspect easures describe ny personal injur	tor nor his d in this Ow	employer makes a ners Report. Furth ty damage or a lo	ny warranty, e	xpressed or implied r the inspector nor h arising from or cor	, concerning the
	Chamere						
	inspector's Signa		-		Board, State, Pi	rovince and Endorse	ments

1. Owner	Southern Nuclea	r Operating Comp	any	Date		03/30/00	
	40 Inverness Ce	Name nter Parkway, Birr	ningham. AL	Sheet	1	Of	3
2. Plant	Vogtle Electric G		<i>y</i> ,	Unit		2	<u> </u>
T Idill			<del></del>	<del></del>			
	Waynesboro, GA	Address		MWO#		9, PO# 7038220 and P	
3. Work Pe	rformed by Nucle	ar Operations Mail	intenance		-	Plant Vogtle	
		Name				Address	
4. Identifica	ntion Of System			1201 / Reacto	or Coolant Syst	em	
(b)Applic		ction XI Utilized	For Repairs	1971 Edition, Wir Or Replacements 19	nter 1972 1 <mark>89</mark>	_ Addenda, <i>N/A</i>	Code Ca
6. Identifica	tion Of Compone	nts Repairs Or Re	eplacement (	Components			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO
SAFETY VALVE	CROSBY VALVE & GAGE CO.	N60446-02- 0006	N/A	2PSV-8010A	1978	REPLACEMENT	YES
<ol> <li>Descripti</li> <li>Test Con-</li> </ol>	<u>Callov</u> <u>Comp</u> <u>S/N_N</u> <u>spindl</u> <u>numb</u>	any under PO 70 160446-02-0006 to	38895 in acc o this valve u also replaci	upon completion of the during this modification of the during this modification.	7-V2N0009. Ci he setpoint ch ication. A cop	rosby Valve & Gage Cange. The valve nozzi oy of Form NV-1 for	Company assign e. disc insert a
	<u>Callov</u> <u>Comp</u> <u>S/N_N</u> <u>spindl</u> <u>numb</u>	any under PO 70 160446-02-0006 to le assembly were ered replacement	038895 in account of this valve used also replaced valve is attacted.  Pressure	cordance with DCP 9 upon completion of the ed during this modified.  Nominal Opera N/A PSI Tes	7-V2N0009. Cine setpoint characteristics. A constitution. A constitution Pressure to Temp.	rosby Valve & Gage Cange. The valve nozzl	ompany assigne, disc insert a
8. Test Con	Callov Comp S/N N spindl numbe ducted: N/A	any under PO 70 160446-02-0006 to e assembly were ered replacement  Hydrostatic  Other  Other	238895 in account to this valve use also replace valve is attace.  Pneumatic Pressure	cordance with DCP 9 upon completion of the diduring this modified.  Nominal Opera N/A PSI Test  NATE OF COMPLIANCE	7-V2N0009. Cine setpoint chication. A coperating Pressure t Temp.	rosby Valve & Gage Cange. The valve nozzi oy of Form NV-1 for EX	ompany assigne, disc insert a
8. Test Con	Callov Comp S/N N spindl numbl	any under PO 70 160446-02-0006 to e assembly were ered replacement  Hydrostatic  Other   ade in the report	238895 in account to this valve use also replace valve is attace.  Pneumatic Pressure	cordance with DCP 9 upon completion of the d during this modified.  Nominal Opera N/A PSI Tes  ATE OF COMPLIANCE	7-V2N0009. Cine setpoint characteristics. A constitution. A constitution Pressure to Temp.	rosby Valve & Gage Cange. The valve nozzl by of Form NV-1 for  N/A 2F	ompany assigne, disc insert a
8. Test Con	Callow Comp S/N N spindl number ducted: N/A  the statements m ME Code, Section	any under PO 70 160446-02-0006 to e assembly were ered replacement  Hydrostatic  Other   ade in the report	238895 in account to this valve use also replace valve is attace.  Pneumatic Pressure	cordance with DCP 9 upon completion of the d during this modified.  Nominal Opera N/A PSI Tes  ATE OF COMPLIANCE	7-V2N0009. Control set point characteristics. A control set point characteristics. A control set point characteristics. A control set point characteristics. E REPLACEME epair or replacement.	rosby Valve & Gage Cange. The valve nozzl by of Form NV-1 for  N/A 2F	Company assigned, disc insert a the original series
8. Test Con- We certify that rules of the AS Type Code Syr Certificate of A	ducted: N/A  the statements make Code, Section and Stamp	any under PO 70 160446-02-0006 to e assembly were ered replacement  Hydrostatic Other Other Other Atlanta	238895 in account to this valve use also replace valve is attace.  Pneumatic Pressure	cordance with DCP 9 upon completion of the during this modificated.  Nominal Opera N/A PSI Test  ATE OF COMPLIANCE  and this R	7-V2N0009. Control Set	rosby Valve & Gage Cange. The valve nozzl by of Form NV-1 for  N/A 2F	Company assign e, disc insert a the original sei
8. Test Con- We certify that rules of the AS Type Code Syr Certificate of A	ducted:  N/A  the statements make Code, Section and Stamp  authorization	any under PO 70 160446-02-0006 to e assembly were ered replacement  Hydrostatic  Other  ade in the report  XI.	238895 in account of this valve is also replaced valve is attaced.  Pressure	cordance with DCP 9 upon completion of the d during this modified.  Nominal Opera N/A PSI Test  ATE OF COMPLIANCE and this R  Expiration D	7-V2N0009. Control Set	rosby Valve & Gage Cange. The valve nozzi ov of Form NV-1 for  N/A *F  N/T conform	Company assigned in discrimination of the configuration of the configura
8. Test Cond We certify that rules of the AS Type Code Syr Certificate of ANO.	ducted:  N/A  the statements make Code, Section and Stamp  authorization	any under PO 70  JB0446-02-0006 to le assembly were ered replacement  Hydrostatic  Other   ade in the report  XI.	238895 in account of this valve is also replaced valve is attacted.  Pressure	cordance with DCP 9 upon completion of the d during this modified.  Nominal Opera N/A PSI Test  ATE OF COMPLIANCE and this R  Expiration D	7-V2N0009. Conservation. A constitution of the setpoint characteristic cation. A constitution of the setpoint characteristic cation. A constitution of the setpoint of the set	rosby Valve & Gage Cange. The valve nozzl by of Form NV-1 for  N/A   ST  CONFORM  N/A  N/A  N/A	Company assigned in discrimination of the configuration of the configura
We certify that rules of the AS Type Code Syr Certificate of ANo.  Signed  I, the undersig or Province of have inspector corrective meaning the examinations are liable in arinspection.	callow Comp S/N M Spindle number  the statements mediated: N/A	any under PO 70  150446-02-0006 to e assembly were ered replacement  Hydrostatic Other All District Other Ot	CERTIFICATE O ssued by the employed by the employed by the employed by ribed in st of my know Report in this Own y or property	Prince with DCP 9  upon completion of the during this modified.  Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration D  FINSERVICE INSPER  e national Board of the Hartford Steam Boile this Owner's owledge and belief, accordance with the employer makes an error Report. Furtherly damage or a loss of the damage or a loss of the damage or a loss of the during the property of the pro	A ate  CCTION  boiler and Preser Inspection at the Owner has the requirement of any kind any	essure vessel inspect ing the period expressed or implied or the inspector nor configuration of the inspector nor configuration or configuration of the inspector nor configuration or config	ors and the Sintford, Connection, concerning is employer sinected with the company assignment of the concerning is employer sinected with the company assignment of the concerning is employer sinected with the concerning is employer sinected w
We certify that rules of the AS Type Code Syr Certificate of A No.  Signed  I, the undersig or Province of have inspecto 7.18.00 corrective means abe liable in an inspection.	callow Comp S/N N Spindle number  the statements meaning and Stamp authorization  Owner or Owner  med, holding a variated the comp and state asures described  s certificate, neither and corrective meaning manner for any	any under PO 70  JOUANGE 102-0006 to be assembly were ered replacement.  Hydrostatic Other And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XI.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in the report in XII.  No. And I add in XII.  No. And	CERTIFICATE O ssued by the employed by the employed by the employed by ribed in st of my know Report in this Own y or property	Prince with DCP 9  upon completion of the during this modified.  Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration D  FINSERVICE INSPER  e national Board of the Hartford Steam Boile this Owner's owledge and belief, accordance with the employer makes an error Report. Furtherly damage or a loss of the damage or a loss of the damage or a loss of the during the property of the pro	A ate  CCTION  boiler and Preser Inspection at the Owner has the requirement of any kind any	essure vessel inspecting the period as performed examinents of the ASME Coxpressed or implied to the inspector nor here.	ors and the Sattord, Connection, concerning is employer sinected with 1

							Traveler #9	9115
1.	Owner	Southern NuclearC	perating Company	,	Date		08/12/99	
		40 Inverness Cent	<b>Name</b> er Parkway, Birming	gham, AL	Sheet	1	of	3
2.	Plant	Vogtle Electric Ger	nerating Plant		Unit _		2	
		Waynesboro, GA	30830		MWO#		29901418	
			Address	<del></del>	_	Repair Org	ganization P.O. No., Jo	b No., etc.
3.	Work Per	formed by Nuclear	Operations Mainte Name	nance			Plant Vogtle ddress	
4.	Identificat	tion Of System			1202 / Nuclear Servi	ice Cooling Wate	r System	
5.	(a) Applic (b)Applica	able Construction able Edition of sect	Code <u>ASME S</u> ion XI Utilities For	EC III 1	1974 Edition, <u>Wil</u> or Replacements 19 <u>88</u>	nter 1975 9	Addenda, N/A	Code Case
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)
_	/ALVE	CROSBY VALVE & GAGE CO.		N/A	2PSV-11744	1999	REPLACEMENT	YES
7. 8.	Description	replace	relief valveS/N Ni ement valve is attac Hydrostatic Other	<u>hed.</u> Pneumati	,	rating Pressure		orm NV-1 for the
		·		CERTIFIC	ATE OF COMPLIANC	E		
		that the statements ME Code, Section		rt are corre	ect and this	REPLACEME repair or replac		rms to the
Тур	e Code Syı	mbol Stamp		<del> </del>	<u>N</u>	/A		
Cert	ificate of A	uthorization No	N/	'A	Expiration I	Date	N/A	
Sign	ed K		mant M	Verz_ Dat	e	11/10	<u>9 19 99</u>	
					OF MOEDWAR MICH	FOTION		
					OF INSERVICE INSPI			
Provinsp to	ince of ected t /2-07-	Georgia he components -99, and stat	and emplo described that to the bes	oyed by <u>Ha</u> in this it of my kr	<i>ntford Steam Boiler In</i> Owner's Rep nowledge and belief	spection and Inst ort during f, the Owner ha	ure vessel inspectors <u>urance Co.</u> of <u>Hartford,</u> the period( is performed examina this of the ASME Co	Connecticut have 04/21/99 ations and taken
exar be i	ninations	and corrective meany manner for any	sures described personal injury	in this Ow or proper	ners Report. Furth	ermore, neither ss of any kind	xpressed or implied, the Inspector nor hi arising from or con	s employer shall
		Inspector's Signat	ure		National	Board, State, Pr	ovince and Endorsem	ents
Dat	e <u>/2 -</u>	07	19 99					

								Traveler #	99124
	1.	Owner	Southern Nuclear	r Operating Compa	any	Date		02/25/00	
				Name nter Parkway, Birm	<del></del>	Sheet	1	Of	5
	2.	Plant	Vogtle Electric G	enerating Plant		Unit		2	
			Waynesboro, GA			MWO#		29901684	
			waynesboro, GA	Address		MINO #	Repair Org	anization P.O. No., Jo	ob No., etc.
	3.	Work Per	formed by Nuclea	ar Operations Mair	ntenance		P	lant Vogtle	
			<u> </u>	Name				Address	
	4.	Identifica	tion Of System			1208 / Chemical and	l Volume Contro	l System	
	5. 6.	(b)Applic		ction XI Utilized I	For Repairs	<i>1977</i> Edition, <u>Wi</u> Or Replacements 19 Components		Addenda, <i>N/A</i> N-416-1	Code Case
ı	1	NAME	NAME	MANUFACTURER				REPAIRED,	ASME CODE
	CON	OF MPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
		8 PIPING YSTEM	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	2J3-1208-501-01	1999	REPLACEMENT	NO
100	rules	of the AS	the statements made Code, Section		Pressure  CERTIFIC  are correct	N/A PSI Te	st Temp	ENT Confo	rms to the
<i>ا</i> (ر	Certi	ificate of A	uthorization No	N	N/A	Expiration	Date	as zlada N/A	
	Sign	ed XR		Main Ma r's Designee, Titl		te	2/z	<u> </u>	
j		····		CEI	RTIFICATE (	OF INSERVICE INSP	ECTION		
	Provinsporto de corres examento de li	ected to 23-31-0 ective measigning thin arisons a lable in are specified.	Georgia ne component ne compone	and emples described that to the bein this Owners ther the inspect assures described y personal injury	ssued by the oyed by <u>Har</u> in this st of my kn s Report in or nor his d in this Ow	e national Board of to titord Steam Boiler Instance of Steam Boiler Instance of Steam Boiler Instance of Steam Board of Steam	poiler and Press spection and Ins port during , the Owner ha the requirement ny warranty, elermore, neithe	sure vessel inspectors  wrance Co. of Hartford  the period  as performed examin  onts of the ASME Co  expressed or implied  r the inspector nor h  i arising from or cor	Connecticut have 06/14/99 atlons and taken ode, Section XI. , concerning the is employer shall
	Dat		Inspector's Signa		<b>-</b>		Board, State, P	rovince and Endorse	ments

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

1.	Owner	Southern Nuclear	Operating Compa	any	Date		02/28/00	
		40 Inverness Cer	Name nter Parkway, Birm	ningham, AL	Sheet	1	Of	,
2.	Plant	Vogtle Electric G	enerating Plant	<u>.</u>	Unit		2	
		Waynesboro, GA	30830		MWO#	29	901681 and 29901683	
		waynessere, are	Address				janization P.O. No., J	<del> </del>
3.	Work Pe	rformed by Nuclea	ar Operations Mair	ntenance		P	Plant Vogtle	
-			Name		•••		Address	
4.	Identifica	ation Of System			1208 / Chemical and	Volume Contro	ol System	· · · · · · · · · · · · · · · · · · ·
5.					1977 Edition, <u>Wint</u> Or Replacements 19 <u>8</u>		Addenda, <i>N/A</i> N-416-1	Code Case
6.	Identifica	ition Of Compone	nts Repairs Or Re	placement	Components			÷
	NAME OF	NAME OF	MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
120	MPONENT 08 PIPING SYSTEM	MANUFACTURER SOUTHERN	NO. N/A	NO. N/A	IDENTIFICATION 2K3-1208-003-01	1999	REPLACEMENT REPLACEMENT	(YES OR NO) NO
l S	TOIEIN	NUCLEAR						
7.		on Of Work <u>Insta</u>	10124, fabricated to Hydrostatic	under Section Pneumatic	n <i>XI Traveler# 99132 a</i> . c	nd WO# 29901 iting Pressure	X Code Case N-416-	•
7. 8. We crule:	Descripti Test Con certify that s of the AS e Code Syn	OPERATING CO. on Of Work <u>Insta</u> 2FO-	Hydrostatic Other ade in the report	Pneumatic Pressure CERTIFIC are correct	NOMINAL PSI Test  ATE OF COMPLIANCE  and this  Expiration De	nd WO# 29901 ting Pressure Temp.  E  REPLACEME spair or replace	(681.   X   Code Case N-416-   N/A	•
7. 8. We c	Descripti Test Con certify that s of the AS e Code Syn	on Of Work Insta 2FO- ducted: N/A  the statements make Code, Section and Stamp	Hydrostatic Other ade in the report	Pneumatic Pressure CERTIFIC are correct	NOMINAL PSI Test  ATE OF COMPLIANCE  and this  Expiration De	nd WO# 29901 ting Pressure Temp.  E  REPLACEME spair or replace	X Code Case N-416- N/A °F  ENT Confo	1
7. 8. We crule:	Descripti Test Con certify that s of the AS e Code Syn	on Of Work Insta 2FO- ducted: N/A  the statements make Code, Section and Stamp	Hydrostatic Other And Hydrostatic Hydrosta	Pneumatic Pressure CERTIFIC are correct	NOMINAL PSI Test  ATE OF COMPLIANCE  and this  Expiration De	ting Pressure Temp.  E  REPLACEME Eppair or replace A  ate	X Code Case N-416- N/A °F  ENT Confo	1

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

1. Ow	vner	Southern Nuclea	r Operating Compa	any	Date		03/07/00	
		40 Inverness Cer	Name nter Parkway, Birm	ningham. AL	Sheet	1	Of	3
2. Pla	.nt					<del>, ,, .</del>		
Z. Pia	ını	Vogtle Electric G			Unit			
		Waynesboro, GA	30830 Address		MWO#	Penair Or	29901682 ganization P.O. No., J	loh No. etc
						•		70D 110., <del>0</del> 10.
3. Wo	ork Per	formed by Nuclea	ar Operations Maii Name	ntenance			Plant Vogtle Address	
4. Ide	ntifica	tion Of System			1208 / Chemical and	l Volume Contr	ol System	
			. 0	050.00				
5. (a) . (b)/	Appiic Applic	able Construction able Edition of Se	ction XI Utilized I	SEC III For Repairs	<i>1977</i> Edition, <i>Wil</i> Or Replacements 19	nter 1977 189 Code Casi	_ Addenda, <i>N/A</i> e N-416-1	Code Ca
				-	·	<u>000</u> 0000 000	0114101	
6. Ide	ntifica	tion Of Compone	nts Repairs Or Re	eplacement	Components			
NAMI		NAME	MANUFACTURER	NATIONAL			REPAIRED,	ASME CODE
OF COMPON		OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO
1208 PIF SYSTE		SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	2K3-1208-123-01	1999	REPLACEMENT	NO
		OPERATING CO.						
							*	
8. Tes	st Con	of For	m NPV-1 for this v	valve S/N C2	Nominal Oper	ating Pressure	X Code Case N-416	
8. Tes	st Con	of For	m NPV-1 for this v	<i>valve S/N C2</i> Pneumatic	499 is attached.  Nominal Oper	•	X Code Case N-416	
8. Tes	st Con	<i>of For</i> ducted:	m NPV-1 for this v	Pneumatic Pressure	499 is attached.  Nominal Oper	ating Pressure at Temp.	X Code Case N-416	
We certify	y that i	of For	Hydrostatic Other	Pneumatic Pressure CERTIFIC	A99 is attached.  Nominal Oper N/A PSI Tes  ATE OF COMPLIANCE	ating Pressure at Temp.	PX Code Case N-416 N/A °F	
We certify	y that i	of For	Hydrostatic Other	Pneumatic Pressure CERTIFIC	A99 is attached.  Nominal Oper N/A PSI Tes  ATE OF COMPLIANCE and this	ating Pressure at Temp.	ENT Code Case N-416	i-1
We certify	y that the ASI	of Forducted: N/A  the statements make Code, Section	Hydrostatic Other	Pneumatic Pressure CERTIFIC are correct	A99 is attached.  Nominal Oper NA PSI Tes  ATE OF COMPLIANCE	ating Pressure It Temp.  CE  REPLACEM	ENT Code Case N-416	i-1
We certify rules of the Type Cod	y that the ASI	of Forducted: N/A  the statements make Code, Section	Hydrostatic Other Other Added in the report	Pneumatic Pressure CERTIFIC are correct	499 is attached.  Nominal Oper NA PSI Tes  ATE OF COMPLIANC	ating Pressure at Temp.  REPLACEM repair or replace /A	ENT Code Case N-416	i-1
We certify rules of the Type Cod Certificat	y that the ASI	of Forducted: N/A  the statements make Code, Section	Hydrostatic Other Other State In the report XI.	Pneumatic Pressure CERTIFIC are correct	A99 is attached.  Nominal Oper N/A PSI Tes  ATE OF COMPLIANC and this  Expiration I	ating Pressure at Temp.  REPLACEM repair or replace //A	ENT Conference N/A	i-1
We certify rules of the Type Cod	y that the ASI	of For	Hydrostatic Other Other Added in the report	Pneumatic Pressure CERTIFIC are correct	A99 is attached.  Nominal Oper N/A PSI Tes  ATE OF COMPLIANC and this  Expiration I	ating Pressure at Temp.  REPLACEM repair or replace /A	ENT Conference N/A	i-1
We certify rules of the Type Cod Certificat	y that the ASI	of For	Hydrostatic Other Added in the report XI.  Mand Mark Mr's Designee, Title	Pneumatic Pressure CERTIFIC are correct	A99 is attached.  Nominal Oper NA PSI Tes  ATE OF COMPLIANCE and this  Expiration I	ating Pressure at Temp.  REPLACEM repair or replace /A Date	ENT Conference N/A	i-1
We certify rules of the Type Cod Certificat	y that the ASI	of For	Hydrostatic Other Added in the report XI.  Mand Mark Mr's Designee, Title	Pneumatic Pressure CERTIFIC are correct	A99 is attached.  Nominal Oper N/A PSI Tes  ATE OF COMPLIANC and this  Expiration I	ating Pressure at Temp.  REPLACEM repair or replace /A Date	ENT Conference N/A	i-1
We certify rules of the Type Code Certificate Signed	ly that the ASI	the statements made Code, Section abol Stamp uthorization No. Owner or Owner	Hydrostatic Other Hydrostatic Other Made in the report XI.  Made In the report XI.  CEF	Pneumatic Pressure CERTIFIC are correct	A99 is attached.  Nominal Oper N/A PSI Tes  ATE OF COMPLIANCE  And this  Expiration I	ating Pressure at Temp.  CE  REPLACEM repair or replan /A  Date  COTION  Oiler and Pres	ENT Confecement  N/A  ENT Confecement  N/A  2000	orms to the
We certify rules of the Type Code Certificate Signed	ty that the ASI	of For ducted: N/A the statements make Code, Section abol Stamp uthorization No. Owner or Owner and the coordinate of the coordinate	Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic	Pneumatic Pressure CERTIFIC are correct  V/A  RTIFICATE Cossued by the oyed by Har	Nominal Oper N/A PSI Tes  ATE OF COMPLIANC  and this  Expiration I  Expiration I  ational Board of betord Steam Boiler Ins	ating Pressure at Temp.  CE  REPLACEM repair or replan /A  Date  SECTION  coller and Pres	ENT Conference of MA 2F  ENT Conference of MA 2F  Conference of MA 2F  ENT Conference of MA 2F	orms to the
We certify rules of the Type Code Certificate Signed  I, the und Province inspected.	de Symble of Aldersign of	of For	Hydrostatic Other Hydrostatic Other Charles ade in the report XI.  Many Many Many Many Many Many Many Many	Pneumatic Pressure CERTIFIC are correct  V/A  RTIFICATE Cossued by the oyed by Har in this	Nominal Oper N/A PSI Test ATE OF COMPLIANCE and this Expiration I  F INSERVICE INSPI  national Board of b  ford Steam Boiler Ins Owner's Rep	ating Pressure at Temp.  CE  REPLACEM repair or replan //A  Date  SECTION  coller and Pressure repection and insort during	ENT Conference vessel inspectors the period	orms to the
We certify rules of the Type Cod Certificate Signed  I, the und Province inspected to Code	ty that the ASI	of Forducted:  N/A	Hydrostatic Other Hydrostatic Other Carlotte Ande in the report XI.  Mand Mr's Designee, Title CER and employed that to the best of the carlotte of the carlot	Pneumatic Pressure CERTIFIC are correct  N/A  Pate Date Sued by the oyed by Har in this st of my kn	Nominal Oper N/A PSI Test ATE OF COMPLIANCE and this Expiration I  Total Complete Insertion I I I I I I I I I I I I I I I I I I I	ating Pressure at Temp.  REPLACEM repair or replan  A Date  Section and Pressure repection and Insection and Insec	ENT Confecement  N/A  2F  ENT Confecement  N/A  20 00  Sure vessel inspector  the period as performed examination and a performed examination.	orms to the
We certify rules of the Type Code Certificate Signed  I, the und Province inspected to Certificate Corrective	de Symbol de Sym	the statements made Code, Section abol Stamp authorization No.  Owner or Owner	Hydrostatic Other Hydrostatic Other Cother C	Pneumatic Pressure CERTIFIC are correct W/A  Pate Date  Pressure  Pressure	Nominal Oper N/A PSI Test ATE OF COMPLIANCE and this  Expiration I  Expiration I  OF INSERVICE INSPI  national Board of better Steam Boiler Inservice and belief, accordance with	REPLACEMA repair or replace //A Date  ECTION coller and Press repection and Institute of the Owner here of the requirements  the requirements	ENT Confecement  N/A  2F  ENT Confecement  N/A  20 00  Sure vessel inspector  curance Co. of Hartford the period as performed examinents of the ASME (	orms to the  rs and the State  d. Connecticut  06/14/99  nations and ta  Code, Section
We certify rules of the rules of the rules of the rule certificate signed. I, the und Province inspected of the rule corrective By signification in the rule certification in	ty that the ASI de Symte of Air de the cof at the cof a	ducted:  N/A  the statements may be code, Section when the statements may be componented, holding a value of components of compo	Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic Hydros	Pneumatic Pressure CERTIFIC are correct  N/A  Paul Date Control of this st of my kn Control of this of	Nominal Oper N/A PSI Test ATE OF COMPLIANCE and this  Expiration I  Expiration I  OF INSERVICE INSPI  national Board of better of the second and belief, accordance with employer makes an ears Report. Furth	Ating Pressure to Temp.  CE  REPLACEM repair or replan /A  Date  Section  Oiler and Pres repection and inso ort during the Owner h the requirement	ENT Confecement  ENT Confecement  N/A  20 00  Sure vessel inspector surance Co. of Hartford the period as performed examinets of the ASME of the inspector nor learning the inspector n	orms to the  rs and the State d. Connecticut in 06/14/99 nations and ta Code, Section d, concerning
We certify rules of the rules o	ty that the ASI de Symte of Air de The Market of Ai	ducted:  N/A  the statements may be code, Section when the statements may be componented, holding a value of components of compo	Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic Hydros	Pneumatic Pressure CERTIFIC are correct  N/A  Paul Date Control of this st of my kn Control of this of	Nominal Oper N/A PSI Test ATE OF COMPLIANCE and this  Expiration I  Expiration I  OF INSERVICE INSPI  national Board of better of the second and belief, accordance with employer makes an ears Report. Furth	Ating Pressure to Temp.  CE  REPLACEM repair or replan /A  Date  Section  Oiler and Pres repection and inso ort during the Owner h the requirement	ENT Confecement  N/A  2F  ENT Confecement  N/A  20 00  Sure vessel inspector  curance Co. of Hartford the period as performed examinents of the ASME (	orms to the  rs and the State d. Connecticut in 06/14/99 nations and ta Code, Section d, concerning
We certify rules of the rules of the rules of the rule control of the rule rule rule rule rule rule rule rul	de Symble of Aldersign of the mea	ducted:  N/A  the statements may be code, Section when the statements may be componented, holding a value of components of compo	Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic Other Hydrostatic Hydros	Pneumatic Pressure CERTIFIC are correct  W/A  RTIFICATE C  sued by the oyed by Har in this st of my kn s Report in or nor his d in this Ow y or proper	Nominal Oper N/A PSI Test ATE OF COMPLIANCE and this  Expiration I  Expiration I  OF INSERVICE INSPI  national Board of better insertion in the insertion in th	ECTION  colier and Prespection and Insort during the Owner here was a few more, neithers of any kinds	ENT Confecement  ENT Confecement  N/A  20 00  Sure vessel inspector surance Co. of Hartford the period as performed examinets of the ASME of the inspector nor learning the inspector n	orms to the  rs and the State d. Connecticut in 06/14/99 nations and ta Code, Section d, concerning
We certify rules of the rules o	de Symble of All de March	ducted:  N/A  the statements may be code, Section when the statements may be componented, holding a value of components of compo	Hydrostatic Other Hydrostatic Other Cother C	Pneumatic Pressure CERTIFIC are correct  N/A  Paul Date Control of this st of my kn Control of this of	Nominal Oper N/A PSI Test ATE OF COMPLIANCE and this  Expiration I  Expiration I  OF INSERVICE INSPI  national Board of better Inservice	REPLACEM repair or replace //A Date  ECTION  olier and Pres repection and Ins ort during the Owner h the requirement my warranty, elemore, neithers of any kind	ENT Confecement  ENT Confecement  N/A  20 On  Sure vessel inspector the period as performed examinents of the ASME of the inspector nor in a rising from or conference or	orms to the  rs and the State d. Connecticut h 06/14/99 nations and ta Code, Section d, concerning his employer s nnected with
We certify rules of the rules of the rules of the rule control of the rule rule rule rule rule rule rule rul	de Symble of Allersign of the meaning this in an on a	the statements made Code, Section and Code, Section and Stamp are components. Sures described secrificate, neithod corrective mey manner for any anspector's Signat	Hydrostatic Other Hydrostatic Other Cother C	Pneumatic Pressure CERTIFIC are correct  AVA Date  RTIFICATE Cossued by the oyed by Har in this st of my kn is Report in correct in this Owy or proper Commissi	Nominal Oper N/A PSI Test ATE OF COMPLIANCE and this  Expiration I  Expiration I  OF INSERVICE INSPI  national Board of better Inservice	REPLACEM repair or replace //A Date  ECTION  olier and Pres repection and Ins ort during the Owner h the requirement my warranty, elemore, neithers of any kind	ENT Confecement  ENT Confecement  N/A  20 00  Sure vessel inspector surance Co. of Hartford the period as performed examinets of the ASME of the inspector nor learning the inspector n	orms to the  rs and the State d. Connecticut h 06/14/99 nations and ta Code, Section d, concerning his employer s nnected with

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

1.	Owner	Southern Nuclea	r Operating Comp	any	Date		03/03/00	
		40.5	Name					
		40 Inverness Cei	nter Parkway, Birn	ningham, AL	Sheet	1	of	1
2.	Plant	Vogtle Electric G	enerating Plant	<del></del>	Unit		2	
		Waynesboro, GA	30830		MWO#		29901732	
			Address		*****	Repair Org	janization P.O. No., Je	ob No., etc.
3.	Work Per	formed by Nuclea	ar Operations Mail	ntenance		P	Plant Vogtle	
			Name		<del></del>		Address	
4.	identifica	tion Of System			1208 / Chemical and	Volume Contro	ol System	
		able Construction able Edition of Se	n Code <u>ASME</u> ection XI Utilized	SEC III 1	977 Edition, <u>Wint</u> Or Replacements 19 <u>8</u>	ter 1977 39 Code Case	Addenda, <i>N/A</i> N-416-1	Code Case
6.	Identifica	tion Of Compone	nts Repairs Or Re	placement (	Components			
	IAME	NAME	MANUFACTURER	NATIONAL		·	REPAIRED,	ASME CODE
	OF PONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED
1	PIPING STEM	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	2K3-1208-003-01 2K3-1208-003-03 2K3-1208-099-01	1999	REPLACEMENT	(YES OR NO) NO
					ENG-1200-033-01			
	Description	<u>tittings</u>	lled piping modifics to accommodate  Hydrostatic  Other	installation o	f the new charging pur  Nominal Opera	<u>mp.</u> ting Pressure	included the installatio	
We cer	Test Condentify that to	ittings ducted:  N/A   the statements ma	Hydrostatic Other ade in the report	Pneumatic Pressure	of the new charging pur Nominal Opera NVA PSI Test TE OF COMPLIANCE	m <u>p.</u> ting Pressure Temp.	X Code Case N-416- N/A °F	
We cer	Test Condentify that to	ittings	Hydrostatic Other Age and in the report	Pneumatic Pressure	of the new charging pur Nominal Opera NVA PSI Test TE OF COMPLIANCE	mp. ting Pressure Temp.  E  REPLACEME pair or replace	X Code Case N-416- N/A °F	1
We cerrules of	Test Condensity that to the ASI Code Sym	ittings ducted:  N/A   the statements ma	Hydrostatic Hydrostatic Other Management of the report of XI.	Pneumatic Pressure	Nominal Opera NA PSI Test ATE OF COMPLIANCE	mp.  Temp.  E  REPLACEME pair or replace	X Code Case N-416- N/A °F	1
We cerules of	Test Condentify that to of the ASI Code Symmaticate of Au	the statements made Code, Section bol Stamp	Hydrostatic Other Made in the report:	Pneumatic Pressure CERTIFICA are correct a	Nominal Opera N/A PSI Test ATE OF COMPLIANCE and this re Expiration Da	mp.  Temp.  E  REPLACEME pair or replace	X Code Case N-416- N/A °F  N/T Confo	1
We cerrules of Type C	Test Condentify that to of the ASI Code Symmaticate of Au	the statements made Code, Section bol Stamp	Hydrostatic Other Made in the report XI.	Pneumatic Pressure	Nominal Opera N/A PSI Test ATE OF COMPLIANCE and this re Expiration Da	mp. ting Pressure Temp.   REPLACEME pair or replace ate  3/3	X Code Case N-416- N/A  *F  N/T  ement  N/A	1

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

							Traveler #	99129
1.	Owner	Southern Nuclear	Operating Comp	any	Date		02/22/00	
		40 Inverness Cen	Name ter Parkway, Birr	mingham, AL	Sheet	1	Of	1
2.	Plant	Vogtle Electric Ge	enerating Plant	······································	Unit		2	
		Waynesboro, GA	30830		MWO#	299	01624 and 29902725	
			Address			Repair Orç	ganization P.O. No., J	ob No., etc.
3.	Work Pe	formed by Nuclea		intenance			Plant Vogtle	
	tala maléi a a	Alon Of Custom	Name		1000 / Chamient and		Address	
4.		ition Of System			1208 / Chemical and			0-4-0
5.					<i>1977</i> Edition, <i>Wir</i> Or Replacements 19		_ <b>Addenda,</b> <i>N/A</i> _ N-416-1	Code Case
6.	Identifica	ition Of Componer	nts Repairs Or R	eplacement	Components		•	
	NAME	•	MANUFACTURER		· · · · · · · · · · · · · · · · · · ·		REPAIRED,	ASME CODE
1	OF MPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	98 PIPING SYSTEM	SOUTHERN NUCLEAR OPERATING.CO.	N/A	N/A	2K3-1208-144-01	1999	REPLACEMENT	NO
								ł
		N/A 🗌	Other	Pressure CERTIFIC		st Temp.	N/A °F	
	•	the statements ma	•	t are correct		REPLACEM		orms to the
rule	s of the AS	ME Code, Section	XI.			repair or replac	cement	
Туре	e Code Syr	nbol Stamp		· · ·	N	/A		
Cert	ificate of A	uthorization No		N/A	Expiration I	Date	ANA প্রক্রিক বিশ্ব	
Sign	ned <u>k</u>	Owner or Owner		Men_Dar	te	5/21	1 1900	
		· · · ·	CE	RTIFICATE	OF INSERVICE INSP	ECTION		
I, the	e undersig	ned, holding a vali	d commission i	ssued by the	e national Board of b	oller and Pres	sure vessel inspector	s and the State or
Prov	rince of _	<i>Georgia</i> the component	and emp	loyed by <u>Ha</u>	rtford Steam Boiler Ins		surance Co. of Hartford	
to	2.29-	oo_, and state	that to the be	est of my kr	nowledge and belief	the Owner h	as performed examinates of the ASME (	nations and taken
exar be l	minations	and corrective me	asures describe	ed in this Ov	wners Report. Furth	ermore, neithe	expressed or implied or the inspector nor h i arising from or co	nis employer shal
	Trank	Inspector's Signal	THE AM	Commiss	ions <u>6A 497</u> National	, Board, State, F	Province and Endorse	ments
Da	ite <u>02-</u>	29	18 200	<u>2</u> 0				

•						Traveler # 992	222 and 99130
1. Owner	Southern Nuclear	Operating Comp	pany	Date		11/30/99	
	40 Inverness Cen	Name ter Parkway, Bir	mingham, AL	Sheet	I	Of	1
2. Plant	Vogtle Electric Ge	eneratina Plant				2	
				-		001605 00000705	
	Waynesboro, GA	Address	<del></del>	MWO#_		901625 and 29902725 anization P.O. No., J	
O Maria Da		Om a matia m.a. 4.4a					•
3. Work Pei	rformed by Nuclea	r Operations Ma Name	untenance			lant Vogtle Address	· · · · · · · · · · · · · · · · · · ·
4. Identifica	ition Of System			1208 / Chemical an	d Volume Contro	l System	
	_				a volumo comino	· Cyclom	
	cable Construction			<i>1977</i> Edition, <u>Wi</u> Or Replacements 1	inter 1977	Addenda, N/A	Code Case
(b)Applic	able Edition of Sec	AION AI OUNZEO	i For Repairs	Or Replacements 1	9 <u>09</u>	•	
6. Identifica	ition Of Componen	ts Repairs Or F	Replacement	Components			
NAME	NAME	MANUFACTUR	NATIONAL			REPAIRED,	ASME CODE
OF COMPONENT	OF MANUFACTURER	ER SERIAL	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
1208	PULLMAN	NO.	N/A	2K3-1208-146-01	1988	REPLACEMENT	YES
PIPING	POWER	''''	///	2/10-1200-140-01	7500	THE ENGLINEIV	'25
SYSTEM	PRODUCTS						
	N/A  t the statements make the Code, Section			CATE OF COMPLIAN	st Temp.  CE  REPLACEME repair or replac	ENT confo	orms to the
Type Code Sy	•	Λι.			1epan oi 1epiac √A	ement	
Certificate of A	•		N/A	Expiration	-1121 1	N/A	
Signed /	Owner or Owner	Maint 's Designee, Ti		te	12/1	19 9 <u>5</u>	
						**	
		C	ERTIFICATE	OF INSERVICE INSF	PECTION		•
l, the undersig or Province of		lid commission	issued by ti	he national Board o	f boiler and Pre	ssure vessel inspec ad Insurance Co. of Ha	tors and the State
have inspect to <u>02-76-</u> corrective me	00 , and state	ponents des e that to the b	cribed in est of my kr	this Owner's nowledge and belief	Report during the Owner has		06/21/99 nations and take
examinations be liable in a inspection	and corrective me	asures describ y personal inju	ed in this Ov Iry or prope	wners Report. Furti rty damage or a lo ions <u>GA 4</u> 9	nermore, neithe ss of any kind	xpressed or implied r the Inspector nor h arising from or co	nis employer sha nnected with th
			<i>6</i> 0	National	ovaru, State, P	rovince and Endorse	กเษกเร
Date 02.	- 10						

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

							Traveler #	99131
1.	Owner	Southern Nuclea	r Operating Compa	any	Date		02/22/00	
		40 Inverness Cer	Name nter Parkway, Birm	ningham, AL	Sheet	1	Of	3
2.	Plant	Vogtle Electric G	enerating Plant	<del></del>	Unit		2	
		Waynesboro, GA	30830		MWO #		29901685	
		<del></del> "	Address			Repair Org	ganization P.O. No., Jo	b No., etc.
3.	Work Per	formed by <u>Nucle</u>	ar Operations Mair Name	ntenance		F	Plant Vogtle Address	
4.	Identifica	tion Of System		1:	217 / Auxiliary Compo	nent Cooling W	ater System	
5. 6.	(b)Applica		ction XI Utilized	For Repairs	1977 Edition, <u>Win</u> Or Replacements 19		<b>Addenda,</b> <i>N/A</i> e N-416-1	Code Case
	NAME	NAME	MANUFACTURER	NATIONAL	1		REPAIRED,	ASME CODE
CON	OF IPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	7 PIPING YSTEM	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	2K3-1217-182-02 2K3-1217-183-03 2K3-1217-184-01	1999	REPLACEMENT	NO
		CO LIPATRO SO.			2K3-1217-186-01			
7.	•	A cor	y of Form NPV-1	for this valve	S/N H050ABJ is attac	ched.	de the installation of a 1	
7. 8.	Description	A cor		for this valve Pneumati Pressure	S/N H050ABJ is attact C Nominal Opera N/A PSI Tes	ched. ating Pressure at Temp.	X Code Case N-416-	
8. We c	Test Con	A conducted: N/A   the statements m	Hydrostatic Other ade in the report	Pneumati Pressure CERTIFIC	S/N H050ABJ is attact  C Nominal Opera  N/A PSI Test  CATE OF COMPLIANCE  and this	ched. ating Pressure at Temp.  E  REPLACEM	ENT Confo	
8. We c	Test Con	A conducted:	Hydrostatic Other ade in the report	Pneumati Pressure CERTIFIC	S/N H050ABJ is attact  C Nominal Opera  N/A PSI Test  CATE OF COMPLIANCE  and this	ched. ating Pressure at Temp.	ENT Confo	1
8. We c	Test Con	A conducted: N/A   the statements m	Hydrostatic Other ade in the report	Pneumati Pressure CERTIFIC are correct	S/N H050ABJ is attact  C Nominal Opera  N/A PSI Test  CATE OF COMPLIANCE  and this	ched. ating Pressure at Temp.  E  REPLACEM	ENT Confo	1
8. We c rules	ertify that of the AS	A conducted: N/A   the statements m ME Code, Section	Hydrostatic Other ade in the report	Pneumati Pressure CERTIFIC are correct	S/N H050ABJ is attact  C Nominal Opera  N/A PSI Test  CATE OF COMPLIANCE  and this	ched.  ating Pressure t Temp.  REPLACEM repair or replace	ENT Confo	1
8. We c rules	ertify that of the AS	ducted:  N/A   the statements m ME Code, Section  nbol Stamp  uthorization No.	Hydrostatic Other ade in the report	Pneumati Pressure CERTIFIC are correct	S/N H050ABJ is attact  C Nominal Operation  NA PSI Test  CATE OF COMPLIANCE  and this  N  Expiration D	ched.  ating Pressure t Temp.  REPLACEM repair or replace	ENT Confo	1
8. We crules Type Certi	ertify that of the AS	ducted:  N/A   the statements m ME Code, Section  nbol Stamp  uthorization No.	Hydrostatic Other Ade in the report XI.  Man Man Mr's Designee, Titl	Pneumati Pressure CERTIFIC are correct	S/N H050ABJ is attact  C Nominal Operation  NA PSI Test  CATE OF COMPLIANCE  and this  N  Expiration D	ating Pressure at Temp.  REPLACEM repair or replace //A Date	ENT Confo	1
8. We crules Type Certi Sign	ertify that of the ASC	ducted:  N/A   the statements m  ME Code, Section  nbol Stamp  uthorization No.  Owner or Owne	Hydrostatic Other Ade in the report XI.  Main Main Mr's Designee, Title	Pneumati Pressure  CERTIFIC  are correct  N/A  Partificate of the saued by the	S/N H050ABJ is attact  C Nominal Operation PSI Test  CATE OF COMPLIANCE  and this  Expiration DE  COF INSERVICE INSPERSE  COF INSERVICE INSERVICE INSERVICE INSPERSE  COF INSERVICE INSE	ating Pressure at Temp.  CE  REPLACEM repair or replace //A  Date  ECTION coller and Pres	ENT Conforment  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	rms to the
We crules Type Certi Sign	ertify that of the AS Code Sym ficate of A ed	the statements me ME Code, Section bol Stamp withorization No. Owner or Owner	Hydrostatic Other Ade in the report XI.  Mann Mark Mr's Designee, Title CE	Pneumati Pressure CERTIFIC are correct  N/A  RTIFICATE ( ssued by Hain th	S/N H050ABJ is attact  C Nominal Oper.  N/A PSI Test  CATE OF COMPLIANCE  and this  Expiration Description of the control of t	ating Pressure at Temp.  REPLACEM repair or replace  /A  Date  ECTION  coller and Pressure report during	ENT Conforment  ENT Conforment  N/A  AP DATE  Sure vessel inspector surance Co. of Hartfording the period	s and the State or Connecticut have
We concludes Type Certi Sign	ertify that of the AS Code Symficate of A ed windersignince of	the statements me ME Code, Section bol Stamp withorization No.  Owner or Owner Ow	Hydrostatic Other Ade in the report XI.  Man Mark Mr's Designee, Titi  CE  Ild commission is and emplits described the that to the be-	Pneumati Pressure  CERTIFIC  are correct  N/A  RTIFICATE of the stof my kr	S/N H050ABJ is attact  C Nominal Oper.  N/A PSI Test  CATE OF COMPLIANCE  and this  Expiration Compliant  The Second Seco	ating Pressure ating Pressure at Temp.  REPLACEM repair or replace A Date  ECTION coller and Pressure spection and insertion and insertion the Owner h	ENT Conforment  N/A  PENT Conforment  N/A  AP DE	s and the State or Connecticut have 06/14/99 attons and taken
We corules Type Certi Sign I, the Provinsporto corre By s exam be ii	ertify that of the AS Code Sympton Code Code Sympton Code Code Code Code Code Code Code Code	ducted:  N/A   the statements m  ME Code, Section  nbol Stamp  uthorization No.  Owner or Owne  ned, holding a val  Georgia  the componen  o and state  asures described  is certificate, nei  and corrective me	Hydrostatic Other Add in the report XI.  Man Mar's Designee, Titic CE and commission is and employed that to the best in this Owners ther the Inspect pasures described that the second the commission is the commission is and commission is and commission is and commission is and commission is the commission is and commission is an and commission is an additional commission is a commission in the commission is a commission in the commission in the commission is an additional commission in the commission in the commission is an additional commission in the commission in the commission is an additional commission in the c	Pneumati Pressure  CERTIFIC  are correct  N/A  Paula  RTIFICATE  ssued by the loyed by Halin the st of my kr in the st of my kr	S/N H050ABJ is attact  C Nominal Operation  NA PSI Test  CATE OF COMPLIANCE  and this  Expiration I  Expiration I  The properties of beautiful Steam Boiler Institute of the properties of the p	ating Pressure at Temp.  REPLACEM repair or replace A Date  ECTION  coller and Press repection and Inseport during the Owner here was a considered and requirement was a considered and requirement with the requirement was a considered and requirement was a considered and requirement was a considered and requirement with the requirement was a considered and requi	ENT Conforment  ENT Conforment  N/A  Ap 12130  20  Sure vessel inspector surance Co. of Hartford as performed examin	s and the State or Connecticut have ode, Section XI., concerning the is employer shall
We corules Type Certi Sign I, the Provinsporto corre By s exam be ii	ertify that of the AS Code Sym ficate of A ed // undersigning the code of the	ducted:  N/A   the statements m  ME Code, Section  nbol Stamp  uthorization No.  Owner or Owne  ned, holding a val  Georgia  the componen  o and state  asures described  is certificate, nei  and corrective me	Hydrostatic Other Added in the report of XI.  Many Mar's Designee, Title CE of the the to the best of the	Pneumati Pressure  CERTIFIC  are correct  N/A  Paula  RTIFICATE  ssued by the loyed by Halin the st of my kr in the st of my kr	CIN H050ABJ is attact CINOMINAL OPER NA PSI TEST CATE OF COMPLIANCE and this  Expiration II  Exp	ating Pressure at Temp.  REPLACEM repair or replace A Date  ECTION  coller and Pressure at Temp.  coller and Inseport during the Owner has the requirement at Temp.  coller and Inseport during the Owner has of any kind.	ENT Conforment  ENT Conforment  N/A  Sure vessel inspector surance Co. of Hartford as performed examinents of the ASME Control of the Inspector nor here.	s and the State or Connecticut have ode, Section XI.  concerning the is employer shall nected with this

							Traveler #	99133
1.	Owner	Southern Nucle	ar Operating Compa	iny	Date		03/03/00	
		40 inverness Ce	Name enter Parkway, Birmi	ingham, Al	. Sheet		Of	1
2.	Plant		Senerating Plant					1
					Unit		2	
		Waynesboro, G	A 30830 Address		MWO#		29901732	
_						. Repair Or	ganization P.O. No., J	ob No., etc.
3.	Work Pe	rformed by Nucle	ar Operations Maint	enance			Plant Vogtle	
			Name				Address	
4.	identifica	ation Of System			1204 / Safety	Injection Syste	em	
5.	(a) Appli	cable Constructio	n Code <u>ASME S</u>	EC III	1977 Edition, <u>Win</u>	tor 1077	Addanda	_
	(b)Applic	able Edition of Se	ction XI Utilized Fo	or Repairs	Or Replacements 19	9 Code Cas	<b>Addenda</b> , <i>N/A</i> e N-416-1	Code Ca
			nts Repairs Or Rep			_		
	AME	NAME						
1	OF PONENT	OF	SERIAL	BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE
	PIPING	MANUFACTURER SOUTHERN	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	STAMPED (YES OR NO)
SY	STEM	NUCLEAR	~~	NA	2K3-1204-057-02	1999	REPLACEMENT	NO
		OPERATING CO.						
	1		i	į				
	Descriptio		Hydrostatic P	ions per D 08-003-3*. Pressure _			X Code Case N-416-1	
		ducted:	Hydrostatic P	neumatic ressure	Nominal Operat	ing Pressure Temp.	X Code Case N-416-1	
8. 1	Test Cond	ducted: N/A []	Hydrostatic FO	Preumatic Pressure _ CERTIFICA	Nominal Operat N/A PSI Test	ing Pressure Temp.	X Code Case N-416-1 N/A PF	
8. 1	Test Cond	ducted: N/A []	Hydrostatic P	Preumatic Pressure _ CERTIFICA	Nominal Operat N/A PSI Test TE OF COMPLIANCE	ing Pressure Temp. REPLACEME	X Code Case N-416-1 N/A PF  NT Confor	
8. 1 We cer rules o	Test Cond	he statements ma	Hydrostatic P	Preumatic Pressure _ CERTIFICA	Nominal Operat N/A PSI Test TE OF COMPLIANCE and this	ing Pressure Temp.  REPLACEME Dair or replace	X Code Case N-416-1 N/A PF  NT Confor	
We cer rules o	tify that to	he statements ma	Hydrostatic P Other P  Other P	Preumatic Pressure _ CERTIFICA correct a	Nominal Operat N/A PSI Test TE OF COMPLIANCE	ing Pressure Temp.  REPLACEME Dair or replace	X Code Case N-416-1 N/A PF  NT Confor	
We cer rules o Type C	tify that the ASM ode Symtestee of Au	he statements ma SE Code, Section 2 Dool Stamp	Hydrostatic P Other P C de in the report are KI.	Preumatic Pressure _ CERTIFICA Correct a	Nominal Operat  N/A PSI Test  TE OF COMPLIANCE  Ind this  Fer  N/A  Expiration Dat	ing Pressure Temp.  REPLACEME pair or replace	X Code Case N-416-1 N/A  PF  Onforment  N/A	ms to the
We cer rules o	tify that the ASM ode Symtestee of Au	he statements ma SE Code, Section 2 Dool Stamp thorization No.	Hydrostatic P Other P  Code in the report are Ki.  N/A  M and Mean	Presumatic Pressure _ CERTIFICA COFFECT A	Nominal Operat  N/A PSI Test  TE OF COMPLIANCE  Ind this  Fer  N/A  Expiration Dat	ing Pressure Temp.  REPLACEME pair or replace	X Code Case N-416-1 N/A  PF  Onforment  N/A	ms to the
We cer rules o Type C	tify that the ASM ode Symtestee of Au	he statements ma SE Code, Section 2 Dool Stamp	Hydrostatic P Other P  Code in the report are Ki.  N/A  M and Mean	Presumatic Pressure _ CERTIFICA COFFECT A	Nominal Operat  N/A PSI Test  TE OF COMPLIANCE  Ind this  Fer  N/A  Expiration Dat	REPLACEME  air or replace	X Code Case N-416-1 N/A PF  NT Conforment	ms to the
We cer rules o Type C	tify that the ASM ode Symtestee of Au	he statements ma SE Code, Section 2 Dool Stamp thorization No.	Hydrostatic P Other P  de in the report are KI.  N/A  Mank Mey s Designee, Title	Pressure CERTIFICA correct a	Nominal Operat  N/A PSI Test  TE OF COMPLIANCE  Ind this  Per  Expiration Dat  UnKneuer  Part 06/06/6	REPLACEME  Pair or replace  Signal Sign	X Code Case N-416-1 N/A  PF  Onforment  N/A	ms to the
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We cerrules o Type C Certific Signed	tify that tiff the ASM ode Symteste of Au	he statements made Code, Section 2 thorization No.  Owner or Owner's Owner or Owner's Code, holding a valid Georgia	Hydrostatic P Other P  Code in the report are KI.  N/A  Man Mey s Designee, Title  CERTIFICATION  COMMISSION ISSUE	Presure	Nominal Operation N/A PSI Test:  N/A PSI Test:  N/A PSI Test:  TE OF COMPLIANCE  N/A  Expiration Date  On  Park 06/06/6	REPLACEME Pair or replace  signal Sign  Oi	N/A Code Case N-416-1  N/A PF  Conforment  N/A Cod bc turen 03/03/1	ms to the
We cerrules o Type C Certific Signed	rtify that the ASM ode Symtostate of Automotion andersigned the design and the de	the statements made Code, Section 2 thorization No.  Owner or Owner's did, holding a valid Georgia	Hydrostatic P Other P  de in the report are XI.  N/A  Man Mey Designee, Titled  CERTIF  commission issue and employed	Pressure	Nominal Operat  N/A PSI Test  TE OF COMPLIANCE  Ind this  Expiration Dat  UNKNEUR  PART 06/06/6  INSERVICE INSPECTATIONAL Steam Boiler Inspect	REPLACEME  Bair or replace  Ginal Sign  Oi  FION  Bar and Pressure	N/A Code Case N-416-1  N/A PF  N/T Conforment  N/A  Incid be true on 03/03/20	ms to the
We cerrules o Type C Certific Signed , the un Provinc nspects	rtify that the ASM ode Symtostate of Automotion andersigned and the second seco	he statements made Code, Section 2  bool Stamp  thorization No.  Owner or Owner's  dd, holding a valid  Georgia  components	Hydrostatic P Other P	Pressure	Nominal Operat  N/A PSI Test:  TE OF COMPLIANCE  Ind this  Expiration Dat  Linkneum  Park 06/06/6  INSERVICE INSPECT  atlonal Board of boile and Steam Boiler Inspect  Owner's Report	REPLACEME  Pair or replace  Sign  Oi  FION  Per and Pressure  during	N/A  PF  N/A  PF  N/A  Onforment  N/A  Incl be turn 03/03/020  If we vessel inspectors a mance Co, of Hartford Co	ms to the
We cerrules o Type C Certific Signed , the un Provinc nspecte o OS correction	tify that the ASM ode Symtoste of Automotion of the Asm odersigned the column of the Asm odersigned the column of the Asm odersigned the Asm oders	the statements made Code, Section 2 components components described in the statement of the	Hydrostatic Pother Poth	Pressure	Nominal Operat  N/A PSI Test:  TE OF COMPLIANCE  Ind this  Expiration Dat  Compliance  On  Par Of/Of/Of  INSERVICE INSPECT  ational Board of boiler  of Steam Boiler Inspect  Owner's Report  viedge and belief, the accordance with the	REPLACEME  Pair or replace  Sign  Floor  Floor  Floor  Guinner  Guing  G	N/A  N/A  N/A  N/A  Conformation  N/A  Conformation	and the State of Connecticut have 6/14/99 ions and take
We cerrules o Type C Certific Signed , the un Province nspection o OS correction y sign	tify that tiff the ASM ode Symteste of Autorities and the control of the control	he statements made Code, Section is components components described in corrective many contractive contractive many contractive contractive many contractive contra	Hydrostatic P Other P	Pressure	Nominal Operat  N/A PSI Test  N/A PSI Test  TE OF COMPLIANCE  IN A  Expiration Dat  Control  Part 06/06/0  EINSERVICE INSPECT  Steam Boiler Inspect  Owner's Report  vieldge and belief, the accordance with the	REPLACEME  Bair or replace  Sign  Oi  FRON  Front Sign  Oi  Fr	N/A PF  N/A PF  N/A PF  N/A PF  N/A Conforment  N/A Conforment	and the State of Connecticut have 6/14/99 ions and take lie, Section X
We cerrules o Type C Certific Signed , the un Province nspection o OS correction y sign	tify that tiff the ASM ode Symteste of Autorities and the control of the control	he statements made Code, Section is components components described in corrective many contractive contractive many contractive contractive many contractive contra	Hydrostatic P Other P	Pressure	Nominal Operat  N/A PSI Test  N/A PSI Test  TE OF COMPLIANCE  IN A  Expiration Dat  Control  Part 06/06/0  EINSERVICE INSPECT  Steam Boiler Inspect  Owner's Report  vieldge and belief, the accordance with the	REPLACEME  Bair or replace  Sign  Oi  FRON  Front Sign  Oi  Fr	N/A PF  N/A PF  N/A PF  N/A PF  N/A Conforment  N/A Conforment	and the State of Connecticut have 6/14/99 ions and take lie, Section X
We cerrules o Type C Certific Signed , the un Province respection Sysigm xamina e liable	tify that tiff the ASM ode Symteste of Autorities of the control o	he statements made Code, Section is components components described in corrective many contractive contractive many contractive contractive many contractive contra	Hydrostatic Pother Poth	Pressure	Nominal Operat  N/A PSI Test  TEST  TEST  TEST  TEST  TEST  TE OF COMPLIANCE  INSERVICE INSERVICE INSPECT  Authorized Aut	REPLACEME  Bair or replace  Sign  Oi  FRON  Front Sign  Oi  Fr	N/A  N/A  N/A  N/A  Conformation  N/A  Conformation	and the State of Connecticut have be, Section X
We cerrules o Type C Certific Signed , the un Province respection Sysigm xamina e liable	tify that tiff the ASM ode Symteste of Autorities and the control of the control	he statements made Code, Section is components components described in corrective many contractive contractive many contractive contractive many contractive contra	Hydrostatic Pother Poth	Pressure	Nominal Operat  N/A PSI Test  TEST  TEST  TEST  TEST  TEST  TE OF COMPLIANCE  INSERVICE INSERVICE INSPECT  Sational Board of boile and Steam Boiler Inspect  Owner's Report vielde and belief, the accordance with the apployer makes any the proper of the steam of the	REPLACEME  Bair or replace  From Sign  From Sign  From A Pressure  Guring  Gur	N/A PF  N/A PF  N/A PF  N/A PF  N/A PF  N/A Conforment  N/A Co	and the State of Connecticut have been send take the Section X concerning the employer shall be the with this sected with this
We cerrules of Type Corrections of Signed System (Signed System) Type Corrections of System (Signed System) Type Correction (Signed System) Type Correction (Signed System) Type Correction (Signed S	tify that tiff the ASM ode Symteste of Autorities and the control of the control	the statements made Code, Section 2 code, and state corrective meas manner for any spector's Signature.	Hydrostatic Pother Poth	Pressure	Nominal Operat  N/A PSI Test  TEST  TEST  TEST  TEST  TEST  TE OF COMPLIANCE  INSERVICE INSERVICE INSPECT  Sational Board of boile and Steam Boiler Inspect  Owner's Report vielde and belief, the accordance with the apployer makes any the proper of the steam of the	REPLACEME  Bair or replace  From Sign  From Sign  From A Pressure  Guring  Gur	N/A PF  N/A PF  N/A PF  N/A PF  N/A Conforment  N/A Conforment	and the State of Connecticut have de, Section X concerning the employer shall be ted with this

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

						Traveler #	99138
1. Owne	r Southern Nuclea	r Operating Comp	any	Date		02/16/00	
	40 Inverness Cel	Name nter Parkway, Birn	ningham, AL	Sheet	1	Of	1
2. Plant	Vogtle Electric G	enerating Plant		Unit		2	
	Waynesboro, GA	30830		MWO#		29901687	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Address			Repair O	rganization P.O. No., J	ob No., etc.
3. Work	Performed by Nuclea	ar Operations Mair Name	ntenance			Plant Vogtle	
4. Identi	fication Of System	Hallig		1208 / Chemical ar	nd Volume Cont		
	plicable Construction	n Code ASME	SEC III		inter 1977	Addenda. N/A	Code Cas
(b)Ap	plicable Edition of Se	ction XI Utilized	For Repairs	Or Replacements 1			
6. identi	fication Of Compone	nts Repairs Or Re	epiacement	Components			
NAME OF COMPONEI	NAME OF NT MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1208 PIP SUPPOR	E SOUTHERN	N/A	N/A	V2-1208-003-H606		REPLACEMENT	NO
	iption Of Work <u>Insta</u> Conducted: N/A X	Hydrostatic  Other	Pneumati Pressure	c∐ Nominal Ope N/A PSI T€	est Temp		
8. Test (	Conducted:	Hydrostatic Other	Pneumatic Pressure CERTIFIC	Nominal Ope	est Temp CE REPLACEM	N/A ºF	orms to the
8. Test (	Conducted: N/A X  hat the statements m	Hydrostatic Other	Pneumati Pressure CERTIFICA are correct	Nominal Ope N/A PSI Te ATE OF COMPLIANG	est Temp	N/A ºF	orms to the
8. Test ( We certify trules of the	N/A X  hat the statements managements mana	Hydrostatic Other ade in the report	Pneumatic Pressure CERTIFICA are correct	Nominal Ope  NA PSI Te  TE OF COMPLIANG  ATE of this	est Temp CE REPLACEM repair or repla	N/A °F	orms to the
8. Test ( We certify trules of the	hat the statements managements of Authorization No.	Hydrostatic Other Ade in the report XI.	Pneumatine Pressure  CERTIFICA  are correct	Nominal Ope  NA PSI Te  ATE OF COMPLIANG  and this  Expiration	est Temp CE REPLACEM repair or repla	N/A °F  SENT Confo	
8. Test ( We certify trules of the  Type Code :	hat the statements managements of Authorization No.	Ade in the report  XI.	Pneumatic Pressure CERTIFICA are correct	Nominal Ope  NA PSI Te  ATE OF COMPLIANG  and this  Expiration	CE  REPLACEM repair or repla  VA  Date	N/A °F  DENT Confo	
We certify trules of the Type Code Signed (1), the under or Province have Inspective By signing	hat the statements managements and ASME Code, Section Symbol Stamp  of Authorization, No.  Owner or Ow	Ade in the report  Ade in the report  XI.  CER  Id commission is  and eleptonents descripted to the best in this Owners  her the Inspector	Pneumatic Pressure  CERTIFICA  are correct  WA  Contract  CERTIFICA  Are  Contract  Co	Nominal Ope  NA PSI Te  NATE OF COMPLIANG  ATE OF COMPLIANG  and this  Expiration  Expiration  FINSERVICE INSP  anational Board of  Hattiord Steam Boil  this Owner's  wieldge and belief, accordance with	REPLACEM repair or repla  I/A  Date  ECTION  boiler and Preer inspection ar Report dur the Owner hat the requirement	N/A SENT Conforment N/A  N/A  18- 00  20	ors and the Stational Connection (Connection (Connecti
We certify trules of the Type Code: Certificate of Signed (1), the under or Province have Instance Ins	hat the statements man as ME Code, Section Symbol Stamp  of Authorization, No.  Owner or Owne	Ade in the report XI.  Ade in the report XI.  CER  Id commission is and exponents describe that to the bes in this Owners ther the Inspector assures described by personal injury	Pressure  CERTIFICA  are correct  WA  Patient Date  RTIFICATE Of the second by the mployed by in the second by the mployed by its of my known or nor his end in this Ow	Nominal Ope  NA PSI Te  ATE OF COMPLIANG  and this  Expiration  Expiration  e  Prinservice inspection  and this Owner's  owledge and belief, accordance with  employer makes an errs Report. Furth  ty damage or a lose  ons SA 449	ECTION  boiler and Preer Inspection are the requirement warranty, eermore, neither so of any kind	N/A SF  DENT Conformation Confo	ors and the Stattord, Connection 26/14/99 attorns and taken ode, Section 26 concerning the semployer shanected with the

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

							Traveler #	99139
1.	Owner	Southern Nuclea	r Operating Compa	any	Date		03/03/00	
		40 Inverness Cer	Name nter Parkway, Birm	ningham, AL	Sheet	1	Of	1
2.	Plant	Vogtle Electric G	enerating Plant		Unit		2	
		Waynesboro, GA	30830		MWO#		29901732	
			Address		_	Repair Or	ganization P.O. No., Jo	b No., etc.
3.	Work Per	formed by Nuclea	ar Operations Mair Name	ntenance			Plant Vogtle Address	
4.	Identifica	tion Of System			1208 / Chemical and	l Volume Contr		
5.			Code ASME	SEC III	1977 Edition, Wir		Addenda. N/A	Code Case
•	(b)Applic	able Edition of Se	ction XI Utilized I	For Repairs	Or Replacements 19	89	Addelida, 10A	Code Case
6.	identifica	tion Of Compone	nts Repairs Or Re	placement	Components			
1	NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
	APONENT	MANUFACTURER	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
	08 PIPE IPPORT	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	V2-1208-003-H605	1999	REPLACEMENT	NO
			1		<u> </u>	-	1	
7.	Description	on Of Work _ <i>Insta.</i>	lled pipe support p	er DCP 97-\	/2N0056.			
8.	Test Con	ducted:	Hydrostatic	Pneumatic	C Nominal Oper	ating Pressure	· 🗆	
		N/A X	Other			t Temp		
		-		CERTIFIC	ATE OF COMPLIANC	E		
We c	ertify that	the statements ma	ade in the report :	are correct :	and this	REPLACEM	ENT Confo	rms to the
rules	of the AS	ME Code, Section	XI.			epair or repla		
Туре	Code Sym	ibol Stamp			N	/A		
Certif	ficate of A	uthorization No	N	I/A	Expiration D	ate	N/A	
Signe	ad K	RLING	Marie	My Dat		Δ <i>T</i> -	7 20 00	
U.g.i.		Owner or Owner	's Designee, Title	Dat		<del>-7/</del>	20 00	
			CEF	RTIFICATE (	OF INSERVICE INSPE	CTION		
		and boldlane						•
Provi	ince of	Georgia	a commission is: and emplo	sued by the byed by <u>Har</u>	) national Board of bo <u>tford Steam Boiler Ins</u>	oiler and Pres pection and ins	sure vessel inspectors surance Co. of <u>Hartford.</u>	and the State or
inspe		e components	s described	in this	Owner's Repo	ort durina	the period	06/14/99
corre	ctive mea	sures described	in this Owners	Report in	owledge and belief, accordance with t	the Owner h	as performed examina ents of the ASME Co	ations and taken ode, Section XI.
							expressed or implied,	
exam	iinations a	na corrective me	asures described	i in this Ow	ners Report. Furthe	ermore, neithe	r the inspector nor hi	s employer chall
insp	ection.	y manner for any	y personal injury	or proper	ty damage or a los	s of any kind	l arising from or con	nected with this
	rank	nspector's Signat	Chin Jay	Commissi		·		·
			•		National E	soard, State, P	rovince and Endorsen	nents
Date	• <u>05-</u>	<i>U/</i>	20 <u>0 0</u>	<b>-</b>	<u> </u>			

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

							Traveler #	99140
1.	Owner	Southern Nuclea	r Operating Compa	any	Date		03/03/00	
			Name nter Parkway, Birm		Sheet _	I	Of	1
2.	Plant	Vogtle Electric G	enerating Plant		Unit _		2	
		Waynesboro, GA	30830		MWO#		29901732	
			Address			Repair Org	anization P.O. No., Jo	ob No., etc.
3.	Work Per	formed by Nuclea	ar Operations Mair Name	ntenance			Plant Vogtle Address	
4.	Identifica	tion Of System			1208 / Chemical and	d Volume Contro	l System	
5. 6.	(b)Applic		ction XI Utilized I	For Repairs	1977 Edition, <u>Wi</u> Or Replacements 19 Components		Addenda, N/A	Code Case
	NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
12	MPONENT 208 PIPE JPPORT	MANUFACTURER SOUTHERN NUCLEAR OPERATING CO.	NO.	NO. N/A	IDENTIFICATION	8UILT 1999	REPLACEMENT REPLACEMENT	(YES OR NO)
rules	of the AS	N/A X the statements m	XI.	CERTIFIC	CATE OF COMPLIANCE	REPLACEME repair or replace	ENT Confo	rms to the
1	-					I/A		
Sign	Dr	uthorization NoOwner or Owner	noul Ma r's Designee, Titl	_ Dat	Expiration	. 7.	N/A 7_ 20 <u>Ø</u> ∂	
			CEI	RTIFICATE (	OF INSERVICE INSP	ECTION		
Provinspecto (Correll By sexands be iinspector)	ince of	Georgia he component OOO, and stat asures described is certificate, neli and corrective me	and emplies described e that to the berning there in this Owners there is described as ures described a personal injury	issued by the oyed by <u>Har</u> in this st of my kn s Report in or nor his or nor his d in this Ow	e national Board of board Steam Boiler Instance Owner's Reproved and belief a accordance with employer makes a wners Report. Furtherty damage or a lostions GA 497	poiler and Press spection and ins port during , the Owner ha the requirement ny warranty, elermore, neithe ss of any kind	sure vessel inspector.  urance Co. of Hartford  the period as performed examin ints of the ASME Coxpressed or implied r the inspector nor harising from or cor	Connecticut have 06/14/99 ations and taken ode, Section XI. , concerning the is employer shall nected with this
Dat	te <u>05-</u>		20 <u>00</u>	<b>-</b>	· · · · · · · · · · · · · · · · · · ·	_ Jui u, Outo, f	. other and Enderson	

						Traveler #	99141
1. Owner	Southern Nuclea	r Operating Comp	any	Date		03/03/00	
	40 Inverness Cer	Name nter Parkway, Birn	ningham, AL	Sheet	1	Of	1
2. Plant	Vogtle Electric G	enerating Plant		Unit		2	
	Waynesboro, GA	30830		MWO#		29901732	
		Address			Repair Or	ganization P.O. No., Je	ob No., etc.
3. Work Pe	rformed by Nuclea	ar Operations Mai Name	intenance		F	Plant Vogtle Address	<del></del>
4. Identific	ation Of System			1208 / Chemical and	Volume Contro	ol System	
(b)Appli		ction XI Utilized	For Repairs	1977 Edition, <u>Wir</u> Or Replacements 19 Components		Addenda, N/A	Code Case
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.		OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1208 PIPE SUPPORT	SOUTHERN NUCLEAR OPERATING CO.	NA	N/A	V2-1208-003-H029	1999	REPLACEMENT	NO
•	lon Of Work <u>Insta</u> nducted: N/A X	lled pipe support p Hydrostatic  Other	Pneumati	c Nominal Oper	ating Pressure		
•	nducted:	Hydrostatic	Pneumati Pressure	c Nominal Oper	t Temp.		
8. Test Co	nducted:	Hydrostatic Other ade in the report	Pneumati Pressure	C Nominal Oper N/A PSI Tes  CATE OF COMPLIANC and this	t Temp.	N/A °F  ENT Confo	orms to the
8. Test Co	nducted:  N/A X  t the statements m  SME Code, Section	Hydrostatic Other ade in the report	Pneumati Pressure CERTIFIC	C Nominal Oper N/A PSI Tes  CATE OF COMPLIANCE and this	ET Temp	N/A °F  ENT Confo	orms to the
8. Test Co	nducted:  N/A X  t the statements m  SME Code, Section	Hydrostatic Other ade in the report	Prieumati Pressure CERTIFIC are correct	C Nominal Oper N/A PSI Tes  CATE OF COMPLIANCE and this	et Temp.  REPLACEM  repair or replace  /A	N/A °F  ENT Confo	orms to the
8. Test Co	t the statements m SME Code, Section mbol Stamp Authorization No.	Hydrostatic Other ade in the report	Pressure CERTIFIC are correct	C Nominal Oper  N/A PSI Tes  CATE OF COMPLIANCE  and this  N  Expiration I	et Temp.  REPLACEM  repair or replace  /A	ENT Confo	
8. Test Co	t the statements m SME Code, Section mbol Stamp Authorization No.	Hydrostatic Other Made in the report XI.  Manual Tr's Designee, Title	Pressure CERTIFIC are correct	C Nominal Oper  N/A PSI Tes  CATE OF COMPLIANC  and this  N  Expiration I	REPLACEMA REPLACEMA Repair or replace  //A  Oate	N/A °F  ENT Confo	
We certify tha rules of the At Type Code Sy Certificate of Signed  I, the undersign Province of inspected to	the statements medical statements of the statement of	Hydrostatic Other Date of the report XI.  Made in the report XI.  Manual Commission is and emply a described that to the be in this Owners ther the Inspect the sures described that we have the sures described that we have the sures described the	Pressure CERTIFIC are correct  N/A  Pressure  CERTIFIC are correct  N/A  Pressure  Data  RTIFICATE  ssued by the loyed by Ha in this set of my kr s Report in tor nor his d in this Ov	Nominal Oper N/A PSI Tes  CATE OF COMPLIANCE  and this  Expiration [  Expiration [  Interpolation of bound of b	REPLACEMA repair or replace //A Date  ECTION  coller and Prespection and insort during the Owner had the requirement on warranty, earmore, neither remore, neither recomments and the collection and insort during the Owner had the requirement of the requirements and the removes the r	N/A 2F  ENT Conforment  N/A  7 20 00  Sure vessel inspector surance Co. of Hartford the period as performed examinates of the ASME Coexpressed or implied at the inspector nor here.	s and the State    Connecticut ha   O6/14/99   nations and take   code, Section
We certify tha rules of the At Type Code Sy Certificate of Signed  I, the undersign Province of inspected to	the statements medical statements of the statement of	Hydrostatic Other Date of the report XI.  Make of the report XI.  Make of the report XI.  CE  Id commission is and emply a described en that to the bear in this Owners there the Inspect assures described y personal injur	Pressure CERTIFIC are correct  N/A  Pressure  CERTIFIC are correct  N/A  Pressure  Data  RTIFICATE  ssued by the loyed by Ha in this set of my kr s Report in tor nor his d in this Ov	Nominal Oper  N/A PSI Tes  CATE OF COMPLIANCE  and this  Expiration I  Expiration I  and this  OF INSERVICE INSPI  and	ECTION  Colier and Presented in the Owner has the requirement warranty, common and the colier and kind of any kind	N/A 2F  ENT Conforment  N/A  20 00  Sure vessel inspector surance Co. of Hartford the period as performed examinates of the ASME Consumers of the ASME Con	s and the State  I. Connecticut ha  06/14/99 nations and tak code, Section ;  I, concerning to the concerning t
We certify that rules of the Attributes of the A	the statements medical statements described and corrective meany manner for an inspector's Signal	Hydrostatic Other Date of the report XI.  Make of the report XI.  Make of the report XI.  CE  Id commission is and emply a described en that to the bear in this Owners there the Inspect assures described y personal injur	Pressure  CERTIFIC  are correct  N/A  Pressure  Data  RTIFICATE  ssued by the loyed by Ha in this est of my kr s Report in the stor nor his d in this Overy or proper	Nominal Oper  N/A PSI Tes  CATE OF COMPLIANCE  and this  Expiration I  Expiration I  and this  OF INSERVICE INSPI  and	ECTION  Colier and Presented in the Owner has the requirement warranty, common and the colier and kind of any kind	N/A 2F  ENT Conforment  N/A  7 20 00  Sure vessel inspector surance Co. of Hartford the period as performed examinates of the ASME Coexpressed or implied or the inspector nor held arising from or coldinary.	s and the State  1. Connecticut ha  1. 06/14/99  1. ations and tak  1. concerning tak  1.

							Traveler #	99142
1.	Owner	Southern Nuclea	r Operating Compa	any	Date		02/16/00	
		40 Inverness Cer	Name nter Parkway, Birm	ingham, AL	Sheet	1	Of	1
2.	Plant	Vogtle Electric G	enerating Plant		Unit _		2	
		Waynesboro, GA	30830		MWO#		29901687	
			Address			Repair Or	ganization P.O. No., J	ob No., etc.
3.	Work Per	formed by <u>Nuclea</u>	a <i>r Operations Mair</i> <b>Name</b>	tenance			Plant Vogtle Address	
4.	Identifica	tion Of System			1208 / Chemical and	d Volume Contro	ol System	
5.					<i>1977</i> Edition, <u><i>Wi</i></u> Or Replacements 19		_Addenda, <i>N/A</i>	Code Case
6.	Identifica	tion Of Compone	nts Repairs Or Re	placement	Components		•	
	NAME OF PONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
12	08 PIPE IPPORT	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	V2-1208-123-H604	1999	REPLACEMENT	NO
	•	ducted: N/A X  the statements m ME Code, Section	•	Pressure	ATE OF COMPLIANO	st Temp.	N/A °F	orms to the
Туре	Code Syn	nbol Stamp			N	/A		
Certi	ficate of A	uthorization No	<u> </u>	VA .	Expiration	Date	N/A	
Sign	ed L		hant Ma		te	2/18	10 9G 2000 Exch	02 -17 -0 -()
		Owner or Owne	r s Designee, 1 gr	в			200 Ban	03-17-60
			CEF	TIFICATE C	OF INSERVICE INSPI	ECTION		
or Prinave to Accorded By sexan be ii insp	inspective measurements in a repair in a r	deorgia ted the com on and state asures described is certificate, neit and corrective me my manner for an inspector's Signa	and e ponents descree that to the best in this Owners ther the inspector asures described by personal injury ture	mployed by ibed in it of my kno Report in or nor his i in this Ow y or proper Commiss	this Owner's owledge and belief, accordance with employer makes are reres Report. Furtherly damage or a loss ons GA49	er inspection and Report during the Owner has the requirement of the requirement of the requirement of the remore, neithers of any kind	ssure vessel inspector of insurance Co. of Hairing the period in sperior of the ASME Co. The inspector of the inspector or his arising from or controvence and Endorses	octord. Connecticut 06/14/99 ations and taken ode, Section XI.  concerning the s employer shall nected with this
Dat	e <u>03-</u>	20	<del>-19</del> <u>200</u>	ט				

							Traveler #	99143
1.	Owner	Southern Nuclea	r Operating Comp	any	Date		02/16/00	
		40 Inverness Ce	Name nter Parkway, Birn	ningham, AL	Sheet	1	Of	1
2.	Plant	Vogtle Electric G	enerating Plant		Unit		2	
		Waynesboro, GA	30830		MWO#		29901687	
		vvayiisosoio, ai	Address			Repair Or	ganization P.O. No., Jo	b No., etc.
3.	Work Pei	rformed by <u>Nucle</u>	ar Operations Mai Name	ntenance			Plant Vogtie Address	
4.	Identifica	ntion Of System		1.	217 / Auxiliary Compo	nent Cooling W	ater System	
5. 6.	(b)Applic		ection XI Utilized	For Repairs	1977 Edition, <u>Wir</u> Or Replacements 19		Addenda, N/A	Code Case
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	•	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
12	217 PIPE JPPORT	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	IDENTIFICATION V2-1217-182-H601	BUILT 1999	REPLACEMENT REPLACEMENT	(YES OR NO) NO
			***	CERTIFIC	ATE OF COMPLIANC	E		
		the statements m ME Code, Section		are correct		REPLACEM		rms to the
Туре	Code Sym	nbol Stamp			N	/A		
Certi	ficate of A	uthorization No.			Expiration [	)ate	N/A	
Sign	ed X	Owner or Owne	Mount M	Lgh_ Dat			19-80 20 Saxto3-17	
	-							
			CEI	RTIFICATE (	TE INSERVICE INSPI	CTION		
•bo	undorolo	nod holding a val			OF INSERVICE INSPI			
rov	ince of	Georgia	id commission is	sued by the oyed by <u>Hai</u>	national Board of b	oiler and Pres	sure vessel inspectors	Connecticut hav
Prov nsp( o (	ince of ected ti 0.3-20-	Georgia he componen  oo , and stat	id commission is and empl ts described te that to the be	sued by the oyed by <u>Har</u> In th st of my kn	national Board of b ttord Steam Boiler Ins is Owner's Ro owledge and belief.	oiler and Pres pection and Ins eport during the Owner h	surance Co. of <u>Hartford,</u> ig the period_ as performed examin	Connecticut hav 06/14/99 ations and take
Provinspo to (corre By sexam be ii	ected to the control of the control	deorgia the component the comp	id commission is and empl ts described te that to the bed in this Owners ther the inspect	ssued by the oyed by <u>Har</u> In th st of my kn s Report In or nor his d in this Ow	national Board of b titord Steam Boiler Ins is Owner's Ro owledge and bellef, accordance with employer makes ar mers Report. Furthe ty damage or a los	oiler and Pres pection and Insection and Insection and Insection the Country the Country the Country the Country the Country that Insecting the Country the Country that Insecting the Country that Insecting the	surance Co. of <u>Hartford.</u> ng the period	Connecticut have 06/14/99 atlons and take ode, Section X concerning the semployer shall be concerned as a se
Provinspo to (correctly separated) By separated to the se	ected to the control of the control	deorgia the component oo , and state asures described as certificate, neit and corrective me any manner for an	id commission is and empl ts described te that to the bed in this Owners ther the inspect asures described y personal injury	ssued by the oyed by <u>Har</u> In th st of my kn s Report In or nor his d in this Ow	national Board of battord Steam Boiler Instance is Owner's Recorded and belief, accordance with employer makes arrners Report. Furtherly damage or a lossions	poiler and Pres poction and ins sport during the Owner hather requirements by warranty, experiments, neither sof any kind	surance Co. of Hartford, ag the period_ as performed examin- ents of the ASME C expressed or implied, or the Inspector nor his arising from or con	Connecticut hav 06/14/99 atlons and take ode, Section X concerning this employer shaunected with this
Provinspo inspo corre By s exam be ii insp	ected to the control of the control	deorgia the component asures described as certificate, neither and corrective me any manner for an inspector's Signa	id commission is and empl ts described te that to the bed in this Owners ther the inspect asures described y personal injury	sued by the oyed by <u>Har</u> In this st of my kn s Report in or nor his d in this Ow y or proper Commissi	national Board of battord Steam Boiler Instance is Owner's Recorded and belief, accordance with employer makes arrners Report. Furtherly damage or a lossions	poiler and Pres poction and ins sport during the Owner hather requirements by warranty, experiments, neither sof any kind	surance Co. of Hartford, ag the period_ as performed examin- ents of the ASME C expressed or implied, or the inspector nor h	Connecticut have 06/14/99 atlons and take ode, Section X concerning the is employer shall nected with this

						Traveler #	99144
1. Owner	Southern Nuclea	r Operating Compa	any	Date		02/16/00	
	40 Inverness Cel	Name nter Parkway, Birm	ningham, AL	Sheet	1	Of	1
2. Plant	Vogtle Electric G	enerating Plant		Unit _		2	
	Waynesboro, GA	A 30830		MWO#		29901687	
		Address			Repair Or	ganization P.O. No., .	Job No., etc.
3. Work P	erformed by Nucle	ar Operations Mair Name	ntenance			Plant Vogtle Address	
4. Identifi	cation Of System		1:	217 / Auxiliary Compo	onent Cooling W	/ater System	
				<i>1977</i> Edition, <u>Wi</u> Or Replacements 19		_ Addenda, <i>N/A</i>	Code Case
6. Identifi	cation Of Compone	nts Repairs Or Re	eplacement	Components			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1217 PIPE SUPPORT	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	V2-1217-183-H621	1999	REPLACEMENT	NO NO
,	onducted:  NA X	Hydrostatic  Other	Pneumati Pressure	c Nominal Oper	rating Pressure st Temp.		
rules of the A	at the statements m SME Code, Section		are correct		REPLACEM repair or repla		orms to the
Type Code S	mbol Stamp		····	N	/A		
Certificate of	Authorization No	1	VA .	Expiration	Date	N/A	
Signed 7	Owner or Owner	Marit of Designee, Titl		te <u> </u>	118	10 00 20 Darto3-1	7-00
		CEE	STIFICATE C	F INSERVICE INSPI	ECTION	<del> </del>	
or Province of have inspe	of <u>Georgia</u> ected the com	iid commission is and e ponents descr	ssued by th mployed by ibed in	e national Board of Hartford Steam Boild this Owner's	boiler and Pre er Inspection an Report duri	essure vessel inspect and insurance Co. of <u>He</u> and the period as performed examir	artford, Connecticut 06/14/99
corrective m By signing t examinations	easures described his certificate, nei and corrective me	i in this Owners ther the Inspecto easures described	Report in or nor his d in this Ow	accordance with employer makes an mers Report. Furthe	the requireme ny warranty, e ermore, neithe	nts of the ASME (  xpressed or implied  r the Inspector nor h  arising from or co	code, Section XI.  I, concerning the lis employer shall

									Traveler #_	99145
1.	Owner	Southern Nuclear	Operating Compa	ny		Date	_		02/16/00	
		40 Inverness Cer	Name nter Parkway, Birm	ingham, AL		Sheet		11	Of	1
2.	Plant	Vogtle Electric G	enerating Plant			Unit	_		2	
		Waynesboro, GA				MWO#			29901687	
			Address					Repair Org	anization P.O. No	., Job No., etc.
3.	Work Per	formed by Nuclea	ar Operations Mair Name	tenance					lant Vogtle Address	
4.	Identifica	tion Of System			1208	/ Chemica	l and	Volume Contro	System	
5.		able Construction						nter 1977 9 <b>89</b>	Addenda,^	VA Code Case
6.	Identifica	tion Of Compone	nts Repairs Or Re	placement	Comp	onents				•
	NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD		OTHER		YEAR	REPAIRED, REPLACED OR REPLACEMENT	
12	IPONENT 08 PIPE IPPORT	SOUTHERN NUCLEAR OPERATING CO.	NO. N/A	NO. N/A		<u>NTIFICATIO</u> 208-501-H		BUILT 1999	REPLACEMEN	
7. 8.	Test Con	on Of Work <u>Insta</u> ducted: N/A X	Hydrostatic  Other	Pneumati Pressure	c N//	Nominal A_PSI	Tes	rating Pressure st Temp.		
		the statements m ME Code, Section	•	CERTIFIC				<i>REPLACEME</i> repair or replac		onforms to the
Туре	Code Syn	nbol Stamp					N	/A	··	
Certi	ficate of A	uthorization No		VA		Expire	tion I	Date	N/A	4
Sign	ed 1	Owner or Owner	, maint /		te _	<del> </del>		2118	20 Sart 03	-17-00
			055	TE:01TE	<b>SE 11.10</b>	EDWAE II	100	FOTION		
or Prinave to good correct By sexan be linsp	rovince of inspective medical instance in an area in area	deorgia ted the com oo, and state asures described s certificate, nei	lid commission is and e ponents describe that to the best in this Owners ther the inspectors assures described by personal injury	mployed by ibed in to fing the first of my known in the first or nor his in this Owy or proper	ne nati y <u>Harti</u> this cowled n acco emplo emplo vners rty da	onal Boar ford Steam Owner ige and bo ordance we over make Report. F mage or a	d of Boile 's ellef, vith s an urther los	boller and Preser Inspection and Report during the Owner has the requirement of warranty, experience, neither is of any kind	dinsurance Co. of ag the perior speriormed examples of the ASME approximately pressed or implementation of the Inspector no	ectors and the State  Hartford. Connecticut d 06/14/99 minations and taken Code, Section XI.  led, concerning the or his employer shall connected with this
Dat	te 03	-20	19 <i>200</i>	0			_	· .		

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

							Traveler #	99146
1.	Owner	Southern Nuclea	r Operating Comp	any	Date		02/16/00	
		40 Inverness Ce	Name nter Parkway, Birn	ningham, AL	Sheet	1	Of	1
2.	Plant	Vogtle Electric G	enerating Plant		Unit		2	
		Waynesboro, GA	1 30830		MWO#		29901687	
			Address			Repair Or	ganization P.O. No., J	ob No., etc.
3.	Work Pe	rformed by Nucle	ar Operations Mail Name	ntenance			Plant Vogtle Address	
4.	Identifica	ntion Of System			1208 / Chemical and	Volume Contr	ol System	
5. 6.	(b)Applic	cable Construction able Edition of Se	ction XI Utilized	For Repairs	1977 Edition, <u>Wir</u> Or Replacements 19 Components	ter 1977 8 <u>9</u>	_Addenda,N/A	Code Case
	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)
12	08 PIPE IPPORT	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	V2-1208-501-H603	1999	REPLACEMENT	NO NO
		the statements m ME Code, Section				E REPLACEM epair or repla		rms to the
Туре	Code Sym	nbol Stamp				•		
] "	•	uthorization No			Expiration D		N/A	<del></del>
Sign	ed 1	Owner or Owne	100	Ten_ Dat	-	2/18	10- Do 20 Sayros-1	7-00
							25.07.57	
or Pr have to <u>4</u> corre By si exam be list insp	inspec 23-20-2 ective meaning thin ainations and the in an eption.	decorgianted the company, and state asures described as certificate, neither and corrective menty manner for an inspector's Signat	ild commission is and e ponents describe that to the bes in this Owners ther the inspector asures described by personal injury	ssued by the mployed by ibed in it of my knot Report in or nor his of in this Ow or proper Commissi	this Owner's bowledge and belief, accordance with the employer makes any ners Report. Further ty damage or a loss cons	coller and Pre Inspection and Report during the Owner hand the requirement warranty, extra remore, neither to fany kind	ssure vessel inspector of insurance Co. of Han ng the period s performed examinants of the ASME Compressed or implied, or the inspector nor his arising from or controvince and Endorsen	tiord, Connecticut 06/14/99 Itlons and taken ode, Section XI. concerning the semployer shall nected with this
	- <u>// / / / / / / / / / / / / / / / / / </u>	20	<del>~~</del> <u>~~000</u>		·			

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

						Traveler #	99148
1. Owner	Southern Nuclea	r Operating Compa	any	Date		02/16/00	
	40 Inverness Ce	Name nter Parkway, Birm	ningham, AL	Sheet	. 1	Of	1
2. Plant	Vogtle Electric G	enerating Plant		Unit		2	
	Waynesboro, GA			MWO#		29901687	
		Address			Repair Or	ganization P.O. No., Je	ob No., etc.
3. Work Pe	erformed by Nucle	ar Operations Mair Name	ntenance			Plant Vogtle Address	
4. Identific	ation Of System			1208 / Chemical and	l Volume Contr	ol System	
(b)Appli	cable Edition of Se	ection XI Utilized I	For Repairs	1977 Edition, <u>Wir</u> Or Replacements 19		Addenda, N/A	Code Case
	ation Of Compone			Components		DEDAIDED	ACME CODE
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)
1208 PIPE SUPPORT	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	V2-1208-123-H603	1999	REPLACEMENT	NO
	N/A X	Other	CERTIFIC	N/A PSI Tes	E E	N/A ºF	
	t the statements m SME Code, Section		are correct		REPLACEM repair or repla		orms to the
Type Code Sy	mbol Stamp			N	<u>'A</u>		
Certificate of	Authorization No.	<u> </u>	V/A	Expiration I	Date	N/A	
Signed 1		meunt N er's Designee, Titi	Date Date	9	2/18	19 00 20 Dar403-17	·00
		CEF	RTIFICATE C	F INSERVICE INSPE	CTION		-
or Province of have inspect to <u>0.3-20-</u> corrective me	f <u>Georgia</u> cted the com oo , and state easures described	and e ponents descrite that to the best in this Owners ther the Inspector	mployed by ibed in it of my kno Report in or nor his	Hartford Steam Boile this Owner's owledge and belief, accordance with temployer makes an	r Inspection an Report duri the Owner ha the requirement y warranty, e	ns performed examinations of the ASME Conspired or implied,	tford, Connecticu 06/14/99 ations and taker ode, Section XI
examinations	and corrective me	easures described	i in this Ow	ners Report. Furthe	rmore, neithe	r the inspector nor hi	s emplover shal
Fronk	1 1 1.0	lais de	y or proper _ Commiss	ty damage or a los ions <u>GA 497</u>	7	arising from or con Province and Endorser	nected with this

							Traveler #	99149			
1.	Owner <u>Southern Nuclear Operating Company</u>			Date		02/16/00					
		40 Inverness Cer	Name nter Parkway, Birm	ningham, AL	Sheet _	1	Of	1			
2.	Plant	nt Vogtle Electric Generating Plant			Unit _		2				
		Waynesboro, GA	30830		MWO#		29901687				
Address					_	Repair Organization P.O. No., Job No., etc.					
3. Work Performed by <u>Nuclear Operations Maintenance</u> Name				<u></u>	Plant Vogtle Address						
4.	Identifica	ition Of System			1208 / Chemical and	d Volume Contr	ol System				
	(b)Applic	able Edition of Se	ction XI Utilized I	For Repairs	1977 Edition, <u>Wi</u> Or Replacements 1	inter 1977 9 <u>89</u>	Addenda, N/A	Code Case			
6.	Identifica	tion Of Compone	nts Repairs Or Re	placement	Components						
	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)			
120	08 PIPE PPORT	SOUTHERN NUCLEAR OPERATING CO.	N/A	N/A	V2-1208-501-H601	1999	REPLACEMENT	NO NO			
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure NA X Other Pressure NA PSI Test Temp. NA PF  CERTIFICATE OF COMPLIANCE											
		the statements ma ME Code, Section		are correct		REPLACEM repair or repla		orms to the			
Туре	Code Sym	nbol Stamp			N	/A					
Certif	icate of A	uthorization No	N	I/A ·	Expiration	Date	N/A				
Signe	d XX	Owner or Owner	haut h	2 Dat	de	7/18	20 Sunt 03-17	<i>'-0</i> 0			
		<del></del>	CER	TIEICATE C	F INSERVICE INSPE	ECTION					
or Prohave to <u>g</u> corrected by singlest by singlest be lie	inspective mea gning this inations a ble in an ection.	Georgia ted the comp OO, and state sures described s certificate, neit and corrective mea	id commission is and er conents descri to that to the best in this Owners ther the Inspector asures described y personal injury	sued by the mployed by bed in t of my kno Report in r nor his o	e national Board of Hartford Steam Boile this Owner's owledge and belief, accordance with the employer makes an oners Report. Furtherly damage or a los	boiler and Pre er inspection an Report duri the Owner ha the requireme by warranty, ex ermore, neither s of any kind	ssure vessel inspected insurance Co. of Hang the period speriormed examinates of the ASME Compressed or implied, rethe inspector nor his arising from or controvince and Endorses	ttord. Connecticut 06/14/99 ations and taken ode, Section XI. concerning the s employer shall nected with this			
Date	03-	20	<del>10</del> 200	0		•					

							Traveler # 9915	0/ 99179		
	Owner Southern Nuclear Operating Company			maani	Date		12/9/99			
1.	Owner _		Name nter Parkway, Birm Ala.		Sheet	1	Of	2		
2.	 Plant	Vogtle Elec	tric Generating Pi	lant	Unit	2				
					10110 #	29901719				
	_	Wayne	sboro, GA 30830 Address		MWO #	Repair Organization P.O. No., Job No., etc.				
			Address							
3.				ntenance	Plant Vogtle Address					
			Name							
4. Identification Of System 1202 / NUCLEAR SERVICE COOLING WATER SYSTEM										
				- 0-0 W	1077 Edition	Winter 77 Ac	idenda, <i>N/A</i>	Code Case		
5.	(a) Appl	icable Construct	ion Code <u>ASM</u>	E SEC III	1977 Edition, _i s Or Replacements 1		100110a,			
	(b)Appii	cable Edition of	Section Al Othizet	a roi nepaii	S Of Replacements	. • <u>• • •</u>				
6.	Identific	ation Of Compo	nents Repairs Or	Replacemen	t Components					
			LIAN WELCTURED	NATIONAL	r	<del>                                     </del>	REPAIRED,	ASME CODE		
	NAME OF	NAME OF	MANUFACTURER SERIAL	BOARD	OTHER	YEAR	REPLACED OR	STAMPED		
CC		MANUFACTURER		NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO) YES		
PIPING		PULLMAN	N/A	N/A	2K3-1202-187-01	1988	REPLACEMENT	123		
	SYSTEM	POWER PRODUCTS	]							
	PIPING	PULLMAN	N/A	N/A	2K3-1202-222-01	1988	REPLACEMENT	YES		
SYSTEM		POWER			•					
		PRODUCTS PULLMAN	N/A	N/A	2K3-1202-187-02	1988	REPLACEMENT	YES		
PIPING SYSTEM		POWER	1 1	10/1	2/10 /202 /0/ 02					
	37072,07	PRODUCTS				1000	DEDI ACEMENT	YES		
	PIPING	PULLMAN	N/A	N/A	2K3-1202-002-01	1988	REPLACEMENT	123		
•	SYSTEM	POWER PRODUCTS								
Н	PIPING	PULLMAN	N/A	N/A	2K3-1202-226-01	1988	REPLACEMENT	YES		
١,	SYSTEM	POWER			]	1		!		
_	PIPING	PRODUCTS PULLMAN	N/A	N/A	2K3-1202-187-03	1988	REPLACEMENT	YES		
١.	SYSTEM	POWER	1	,		1				
L		PRODUCTS			2152 1222 222 22	1000	REPLACEMENT	YES		
l	PIPING	PULLMAN	N/A	N/A	2K3-1202-002-02	1988	HEPLACEIVICIVI	720		
	SYSTEM	POWER PRODUCTS								
Г	PIPING	PULLMAN	N/A	N/A	2K3-1202-194-01	1988	REPLACEMENT	YES		
	SYSTEM	POWER	1							
	7. Descrip Work 3. Test C	<u>conn</u> 1808	ections in the foll	owing locati 830,2FE-182 ear 2FE-1820	<u>ons:2FE1818A,2HV1</u> 0 <u>B, 2HV2138, 2FE21</u> 0A,2FE1820B,2HV110 ic	<u>806 2FE1818B.</u> 32B. 2-1202U4	er REA 97-VAA678 at th 2HV1822,2HV2143,2FE -197,2HV-11687,21202U od spacer near2-1204-Pt re \to N/A \to \text{°F}	<u>2132A,2HV-</u> 4-199, 2HV-		

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

Section XI Travelers 99150/99179

Page 2 of 2

Κ,	Ker
ζ,	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 repair or replacement
	Type Code Symbol Stamp N/A
	Certificate of Authorization No N/A Expiration Date N/A
	Signed Lib Julius Mant Mey Date 12)9 19 93
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the Stat or Province of <u>Georgia</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period $6 - 7 - 99$ to $12 - 7 - 99$ , and state that to the best of my knowledge and belief, the Owner has performed examinations and take corrective measures described in this Owners Report in accordance with the requirements of the ASME Code, Section X
	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 shabe 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  Commissions  Commissions  Ca4497  National Board, State, Province and Endorsements
	Date 12-14 19 99

							Traveler #	99170	
	1. Owner	Southern NuclearC	Operating Compa	any	Date		11/17/99		
		40 Inverness Cent	Name		Sheet	1	Of	1	
	2. Plant	Vogtle Electric Ger	nerating Plant		Unit		2		
		Waynesboro, GA	30830		MWO#		29901380		
			Address			Repair Org	ganization P.O. No., Jo	ob No., etc.	
	3. Work Pei	formed by Nuclear	Operations Mai	intenance		F	Plant Vogtle		
			Name				Address		
	4. Identifica	tion Of System			1301 / Main	Steam System	1	-114-114	
	(b)Applic	cable Construction able Edition of Secution Of Component	tion XI Utilized	For Repairs	Or Replacements 19	nter 1977 89	_ Addenda, <i>N-249-</i>	Code Case	
r				<u> </u>			T DEDAIDED	10115 0005	
	NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)	
	PIPE SUPPORT	PULLMAN POWER PRODUCTS	N/A	N/A	V2-1301-105-H003	1988	REPLACEMENT	YES	
								•	
	•	N/A X t the statements ma	•	Pressure	NA PSI Tes	t Temp.	N/A °F	rms to the	
N	Type Code Syl	mbol Stamp			N.	/A			
3	Certificate of A			N/A	Expiration [	Date	N/A		
. 1	Signed X	Owner or Owner'	hant he s Designee, Tit	Dat le	e	11/16	19 95		
Γ			CE	RTIFICATE	OF INSERVICE INSP	ECTION			
	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 <u>Hartford Steam Boiler Inspection and Insurance Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period								
	be liable in a inspection.  Juana	ny manner for any	personal inju	ry or prope	rty damage or a los	s of any kind	arising from or cor	nnected with this	
	Date <u>/2 -</u>	07	19 <u>99</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 #	99181	
1. Owner	Southern Nuclear		any	Date		11/23/99		
	40 Inverness Cen	Name ter Parkway, Bir	mingham, AL	Sheet	1	Of	2	
2. Plant	Vogtle Electric Ge	nerating Plant		Unit _		2		
	Waynesboro, GA		MWO#	29901721  Repair Organization P.O. No., Job No., etc.				
		Address			Repair Org	anization P.O. No., J	ob No., etc.	
3. Work Pe	rformed by Nuclea		intenance			lant Vogtle		
		Name			•	Address		
4. Identifica	ation Of System _			1202 / Nuclear Servi	ce Cooling Wate	r System		
	cable Construction				nter 1977	Addenda, N/A	Code Case	
(b)Applic	able Edition of Sec	tion XI Utilized	For Repairs	Or Replacements 19	9 <u>89</u>		_	
6. Identifica	ation Of Componen	ts Repairs Or R	Replacement	Components				
NAME	NAME	MANUFACTUR	NATIONAL	1		REPAIRED,	ASME CODE	
OF COMPONENT	OF MANUFACTURER	ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)	
1202 PIPING	PULLMAN POWER	N/A	N/A	2K4-1202-188-03 2K4-1202-192-04	1988	REPLACEMENT	YES	
SYSTEM 1202	PRODUCTS PULLMAN	N/A	N/A	2K4-1202-196-05	1988	REPLACEMENT	YES	
PIPING	POWER	'*'	IWA	2K4-1202-138-02	1900	AEPLACEMENT	725	
SYSTEM	PRODUCTS	146				:		
1202 PIPING	PULLMAN POWER	N/A	N/A	2K4-1202-139-02 2K4-1202-225-03	1988	REPLACEMENT	YES	
SYSTEM	PRODUCTS			2.77 1202 220 00				
1202 PIPING	PULLMAN POWER	N/A	N/A	2K4-1202-223-03 2K4-1202-001-05	1988	REPLACEMENT	YES	
SYSTEM	PRODUCTS			284-1202-001-05				
7. Descripti								
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure N/A Other Pressure N/A PSI Test Temp. N/A PF								

Traveler #	99181

Sheet 2 of 2

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 N/A **Expiration Date** N/A No. Me 95 Signed Owner or Owner's Designee, 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 Hartford, Connecticut inspected components described in this Owner's Report during the period 06/15/99 to 12-09-99, 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. L S. Sellas Commissions GA 497 Inspector's Signature National Board, State, Province and Endorsements

19 *99* 

Date <u>/2-</u>09

					Traveler # 991	103, 33 130		
Southern Nuc		ompany	Date		11/24/99			
40 Inverness Co		ningham,	Sheet	1	Of	2		
Vogtle Ele	ctric Generating F	Plant	Unit		2			
Wayne		1	MWO#		29901723			
	Address			Hepair (	Organization P.O. No., Jo	ob No., etc.		
erformed by Nucle	ear Operations Ma Name	intenance	·	Plant Vogtle				
cation Of System	l	120	2 / NUCLEAR SER	VICE COOLING				
licable Edition of	Section XI Utilize	<i>E SEC III</i> d For Repair	1977 Edition, s Or Replacements	Winter 77		Code Case		
		replacemen	it Components :					
	MANUFACTURER	NATIONAL			REPAIRED,	ASME CODE		
				YEAR	REPLACED OR	STAMPED		
						(YES OR NO)		
POWER PRODUCTS	/VA	IWA	2K7-12U2-215-U1	1988	HEPLACEMENT	YES		
PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1202-099-01	1988	REPLACEMENT	YES		
PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1202-098-01	1988	REPLACEMENT	YES		
PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1202-213-01	1988	REPLACEMENT	YES		
PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1202-228-01	1988	REPLACEMENT	YES		
PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1202-232-01	1988	REPLACEMENT	YES		
PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1202-098-02	1988	REPLACEMENT	YES		
PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1202-099-02	1988	REPLACEMENT	YES		
2HV-2 185; 2	<u>261, 2FE2133A. 2F</u>	-1821A,2HV- 1V2139, 2HV 02-U4-184;2- Pneumatic	-1831, 2FE-1821B, 2 -2262, 2FE2133B, 2 -1202-X4-053.	<u>HV1807, 2FE-1</u> HV-11689, 2HV erating Pressu	1819A, 2HV-1823, 2FE=10 I-11690, and Flanges nea	910D 2UV 212E		
	Vogtle Ele  Wayne  erformed by Nucle  lication Of System  blicable Construct  licable Edition of  cation Of Compo  NAME  OF  MANUFACTURER  PULLMAN  POWER  PRODUCTS  POWER  PRODUCTS  PULLMAN  POWER  PRODUCTS  POWER  PRODUCTS  POWER  PRODUCTS  POWER  PRODUCTS  POWER  PRODUCTS  PRODUCTS  PULLMAN  POWER  PRODUCTS  POWER  PRODUCTS  POWER  PRODUCTS  PULLMAN  POWER  PRODUCTS  PRODUCTS  PULLMAN  POWER  PRODUCTS  POWER  PRODUCTS  PULLMAN  POWER  PRODUCTS	Name 40 Inverness Center Parkway, Birn Ala.  Vogtle Electric Generating F  Waynesboro, GA 30830 Address  erformed by Nuclear Operations Ma Name  lication Of System  Dilicable Construction Code ASM Ilicable Edition of Section XI Utilizer  Cation Of Components Repairs Or  NAME MANUFACTURER SERIAL NO. PULLMAN N/A POWER PRODUCTS	Vogtle Electric Generating Plant  Waynesboro, GA 30830  Address  erformed by Nuclear Operations Maintenance Name  Ication Of System  Ication Of System  Ication Of Components Repairs Or Replacement  Ication Of NAME NAMINAL BOARD  ICATION INVA NAMINA  ICATION INVA NAMINAL BOARD  IC	Name	Name	Name		

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

Traveler Number - 99189; 99190

Page 2 of 2

H	There
(V	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed 72 R John Mart hopete 12 19 99 Owner or Owner's Designee, Title
. 1	CERTIFICATE OF INSERVICE INSPECTION  I the undersigned holding a valid commission issued by the national Board of holies and Bracoure vessel inspectors and the State
	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.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>6-4-99</u>
	to <u>12-09-99</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.  Inspector's Signature  Commissions  GA 497  National Board, State, Province and Endorsements
	Date 12-09 19 99

							Traveler #	99191		
1.	Owner	Southern Nuclear		any	Date		11/23/99			
		40 Inverness Cen	Name ter Parkway, Bin	mingham, AL	Sheet	1	Of	2		
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit		2			
		Waynesboro, GA 30830 Address			MWO#	MWO # 29901722  Repair Organization P.O. No., Job No., etc.				
3.	· · · · · · · · · · · · · · · · · · ·			Plant Vogile Address						
4.	Identifica	ition Of System			1202 / Nuclear Se	rvice Cooling Wate	er System			
5.		cable Construction	Code ASME		1977 Edition, <u>i</u>		Addenda, N/A	Code Case		
e		able Edition of Sec ition Of Componen		•	·	19 <u>89</u>				
					Components		_			
	NAME OF IPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)		
P	1202 PIPING YSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K4-1202-211-01 2K4-1202-205-01		REPLACEMENT	YES		
P	1202 PIPING YSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K4-1202-209-02 2K4-1202-212-02		REPLACEMENT	YES		
P	1202 PIPING YSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K4-1202-216-04 2K4-1202-220-04		REPLACEMENT	YES		
P	1202 IPING (STEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K4-1202-229-05 2K4-1202-140-01		REPLACEMENT	YES		
P	1202 PIPING (STEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K4-1202-141-01 2K4-1202-231-05		REPLACEMENT	YES		
7.	Description	<u>and ou</u> 007-01 at 2FO	tlet of Containm : 2-1501-A7-008 -2210: 2FE-220	ent Cooling U 3-01; 2-1511- 9; 2FE-2212;	<i>Inits 2-1501-A7-002</i> E7-001-000; and 2-	?-000; 2-1501-A7-0 ·1515-A7-002-000. 15; 2FE-2218; 2FC	78 on piping flanges k 03-000; 2-1501-A7-00 Also replaced bolting 0-2216; 2FO-2219; 2F(	4-000; 2-1501-A7- in flanges located		
8.	Test Con	ducted: N/A X	Hydrostatic C	Pressure		perating Pressure Test Temp.	%F			

	CERTIFICATE OF COI	MPLIANCE	
We certify that the statements made in rules of the ASME Code, Section XI.	in the report are correct and this	REPLACEMENT repair or replacement	conforms to the
Type Code Symbol Stamp		N/A	
Certificate of Authorization	N/A Exp	iration Date	N/A
Signed KK Johns Mc Owner or Owner's De	owt Mg Date	12 <u>1</u> 3	99
	CERTIFICATE OF INSERVIO	CE INSPECTION	
	ommission issued by the national E and employed by <u>Hartford Ste</u> ents described in this Ow at to the best of my knowledge an	loard of boiler and Pressure learn Boiler Inspection and Insulation lear's Report during d belief, the Owner has perf	rance <u>Co.</u> of <u>Hartford, Connectica</u> the period <u>06/15/99</u> ormed examinations and take
or Province of <u>Georgia</u> have inspected the compone to <u>12-09-99</u> , and state tha	ommission issued by the national E and employed by <u>Hartford Ste</u> ents described in this Ow at to the best of my knowledge an this Owners Report in accordance the inspector nor his employer mes described in this Owners Report	loard of boiler and Pressure seam Boiler Inspection and Insulationer's Report during to belief, the Owner has perfer with the requirements of takes any warranty, express to Furthermore, neither the Infor a loss of any kind arising	rance Co. of Hartford, Connectication  the period 06/15/99  ormed examinations and take the ASME Code, Section X  ed or implied, concerning the respector nor his employer sha

							Traveler #	99202
1.	Owner	Southern Nuclea	rOperating Comp	any	Date		03/09/00	
		40 Inverness Ce	Name nter Parkway, Bin	mingham, AL	Sheet	1	Of	2
2.	Plant	Vogtle Electric G	enerating Plant		Unit		2	
		Waynesboro, GA	N 30830		MWO#		29901858	
			Address			Repair O	rganization P.O. No., J	ob No., etc.
3.	Work Pe	rformed by Nuclea		intenance			Plant Vogtle	
_			Name				Address	
4.	Identifica	ation Of System			1302 / Auxiliary	Feedwater Sy	rstem	
5.	(b)Applic		ction XI Utilized	For Repairs	Or Replacements 19	nter 1977 189	Addenda, <i>N/A</i>	Code Case
6.	Identifica	ation Of Componer	nts Repairs Or Ro	eplacement	Components			
	NAME OF IPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED
	/ALVE	ANCHOR / DARLING VALVE CO.	E-9001-26-15	N/A	2-1302-U4-043	1980	REPAIR / REPLACEMENT	(YES OR NO) YES
1								
	- <u>-</u>	N/A 🗌	Hydrostatic Other	Pressure _		Temp.		
We c	ertify that	the statements ma	ade in the report			NR / REPLACE	EMENT confor	ms to the
rules	of the AS	ME Code, Section	XI.			pair or replac		ms to the
Туре	Code Syn	nbol Stamp		<del> </del>	N//	Α		
Certii No.	icate of A	uthorization	N	/A	Expiration Da	ate	N/A	
Signe	od <u>1</u>	Owner or Owner	s Designee, Title	t magaze		3/1	4 20 00	
		· · · · · · · · · · · · · · · · · · ·	CER	TIFICATE O	F INSERVICE INSPE	CTION		
I, the	undersia	ned, holding a vali						
or Pro				p.ojca by	national Board of b <u>Hartford Steam Boile</u>	ooller and Pre <u>r Inspection ar</u>	essure vessel inspecto and insurance Co. of <u>Har</u>	rs and the State
to C	inspect 4-04- ctive mea	(A) and state	that to the boo	tot mulima	this Owner's I	Report dur	ing the period of the period of the periormed examination of the ASME Co	06/15/99
By si	gning this	s certificate, neith	ner the Inspecto	r nor his e	mployer makes any	warranty, e	xpressed or implied,	concerning the
inspe	ction.	y manner for any	( ),,	o. proport	damage of a loss	of any kind	r the inspector nor his arising from or con	s employer shall nected with this
	ienk	nspector's Signatu	ire )	Commission		and State D	ovince and Endorsem	
Date <sub>.</sub>	04-	04	20 00		Hauonal DC	raiu, state, Pl	ovince and Endorsem	ents
								1

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

As Required By The Provisions Of The ASME Code Section XI

						Traveler #	99204		
1. Owner	Southern NuclearC	Pperating Company	<u>y</u>	Date		12/05/00			
	40 Inverness Cent	Name er Parkway, Birmir	ngham, AL	Sheet	11	Of	7		
2. Plant	Vogtle Electric Ger	nerating Plant		Unit _		+ 2 A	× 12/0/00		
	Waynesboro, GA	30830		MWO#		1677 and 29902366			
		Address		Repair Organization P.O. No., Job No., etc.					
3. Work Per	rformed by Nuclear	Operations Mainte Name	enance			ant Vogtle Address			
4. Identifica	ation Of System _			1208 / Chemical and	d Volume Control	System			
(b)Applic	cable Construction able Edition of sectation Of Component	tion XI Utilities Fo	or Repairs	<i>1974</i> Edition, <u>Su</u> Or Replacements 19 Components	mmer 1975 989 Code Case I	<b>Addenda,</b> <i>N/A</i> N-416-1	Code Case		
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)		
PUMP	INGERSOLL- DRESSER PUMP CO.	0398019	N/A	2-1208-P4-001 2 Dust 12-06-00	1999	REPLACEMENT	YES		
PUMP PEDESTALS	PENN IRON	129132-1A1 & 129132-1B2	76 & 79	#-1208-P4-001 2 Dioj 12-06 00	1998	REPLACEMENT	YES		
8. Test Con	nducted: N/A [	Hydrostatic  Other	Pneumati Pressure		st Temp.	X Code Case N-410	6-1		
rules of the A	it the statements ma	ade in the report a XI.		and this	REPLACEME repair or replac		orms to the		
Type Code Sy	mbol Stamp		·	N	/A	***************************************			
Certificate of No.	, _	N/	'A	Expiration	Date	N/A			
Signed <u>K</u>	Owner or Owner	manto 's Designee, Title	Dat Dat	te	JQ	<u>] 6</u> 20 <u>00</u>			
					FORON				
or Province of have inspect to /2-//-00 corrective me By signing the examinations be liable in a inspection.	f Georgia cted the composition, and state easures described his certificate, neit and corrective meanny manner for any linspector's Signat	and er and er onents describe that to the best in this Owners her the inspecto asures described y personal injury	sued by the mployed by ed in tof my kn Report ir nor his in this Ov	owledge and belief, accordance with employer makes a vners Report. Furthry damage or a lostons <u>GA 203</u>	boiler and Preser Inspection and eport during the Owner has the requirement warranty, experiment, neither ss of any kind	the period sperior of the period sperior of the ASME (spressed or implied the Inspector nor its specific pressed or implied the Inspector nor inspector	artford, Connecticut 06/23/99 nations and taken Code, Section XI. I, concerning the his employer shall nnected with this		
Date	2. //	20 <u>00</u>				÷			

						Traveler #	99209	
1. Owner	Southern Nucleard		any	Date		12/02/99		
	40 Inverness Cent	Name er Parkway, Birr	ningham, AL	Sheet	1	Of	1	
2. Plant	Vogtle Electric Ge	nerating Plant		Unit _		2		
	Waynesboro, GA	30830		MWO#		29901923		
		Address			Repair Oro	ganization P.O. No., J	ob No., etc.	
3. Work Per	rformed by Nuclea	r Operations Mai Name	intenance		F	Plant Vogtle Address		
4. Identifica	ition Of System			2101 / Containn	nent Building Sy	stem	<u> </u>	
(b)Applic	cable Construction able Edition of Sec ation Of Componen	tion XI Utilized	For Repairs	Or Replacements 19	nter 1977 9 <u>89</u>	Addenda, <u>N/A</u>	Code Case	
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)	
EQUIPMENT HATCH	CHICAGO BRIDGE AND IRON	NO. N/A	N/A	2-2101-R2-016	1988	REPAIR	NO	
7. Descripti 8. Test Con	ducted:	Hydrostatic	Pneumati		rating Pressure			
	N/A X	Other	Pressure	N/A PSI Te	st Temp.			
rules of the AS	t the statements ma SME Code, Section mbol Stamp	XI.	rt are correct		CE  REPAIR  repair or replac		orms to the	
Certificate of			N/A	Expiration	Date	N/A		
No. Signed <u>K</u> /	Owner or Owner	Daint M	.12	te	12/6	2_19 <sup>9</sup> 9		
		CE	RTIFICATE	OF INSERVICE INSE	PECTION	<u></u>		
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 Hartford, Connecticut have inspected the components described in this Owner's Report during the period 07/21/99 to 12-13-99, 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 CA 497								
	Inspector's Signat					Province and Endorse	ements	
Date <u>/2 -</u>	13	19 <u>99</u>	<u>'</u>					

							Traveler #	99210
1.	Owner	Southern Nuclear	Operating Compa	any	Date		03/13/00	
		40 Inverness Cer	Name nter Parkway, Birn	ningham, AL	Sheet	1	Of	3
2.	Plant	Vogtle Electric G	enerating Plant		Unit		2	
		Waynesboro, GA	30830		MWO#		29900185	
			Address			Repair Or	ganization P.O. No., J	ob No., etc.
3.	Work Pe	rformed by Nuclea		ntenance			Plant Vogtle	
			Name				Address	
4.	Identifica	tion Of System			1301 / Main	Steam Syster	m	
5. 6.	(b)Applic	cable Construction able Edition of Section Of Componer	ction XI Utilized	For Repairs	<i>977</i> Edition, <u>Wir</u> Or Replacements 19 Components	nter 1977 89	Addenda, <u>N/A</u>	Code Case
	NAME		MANUFACTURER				REPAIRED,	ASME CODE
cor	OF MPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	/ALVE	CONTROL COMPONENTS, INC.	23469-1-3	N/A	2PV3020	1982	REPAIR / REPLACEMENT	YES
		N/A X	Other	Pressure _	N/A PSI Tes	t Temp	<u>N/A</u>	
We c	ertify that of the AS	the statements make Code, Section	ade in the report	are correct		AIR / REPLACI epair or replac		rms to the
Туре	Code Syr	mbol Stamp			N/	Ά		
Certi No.	ficate of A	Authorization	N	l/A	Expiration D	ate	N/A	
Sign	ed XX	Owner or Owner	and Ma 's Designee, fitte	Date		3/14	20 <u>Oo</u>	
			CEI	RTIFICATE O	F INSERVICE INSPE	CTION		
i, the	undersig	ned, holding a val	lid commission i	ssued by the	e national Board of	boiler and Pro	essure vessel inspect <u>nd Insurance Co.</u> of <u>Ha</u>	ors and the State
have to corre	5-3-0	O , and state	ponents desci that to the bes	ribed in Stofmykna	this Owner's owledge and belief	Report du		08/04/99
By s exam be li- insp	igning the ninations and able in an ection.	is certificate, neit and corrective men ny manner for any	her the inspecto asures described y personal injury	or nor his o d in this Ow y or propert	employer makes an ners Report. Further by damage or a lost ons 64 497	y warranty, e ermore, neithe s of any kind	expressed or implied, or the inspector nor h i arising from or con	, concerning the is employer shall inected with this
Date	05-	Inspector's Signat	ure (/ 20 <u>00</u>		National B	oard, State, P	rovince and Endorser	nents

							Traveler # 9921	1
1. C	Owner _	Southern Nuclea		oany	Date		5/24/2000	
	_	40 Inverness Center I	Name <i>Parkway, Birmingh</i>	am, Ala.	Sheet	. 1	Of	1
2.	Plant _	Vogtle Electri	c Generating Plan	nt	Unit		2	
	_		oro, GA 30830		MWO #		29900967	
		A	ddress			Repair Org	anization P.O. No., Joi	b No., etc.
3.	Work Per	formed by Nuclear	<i>Operations Mainte</i> Name	enance		PI	ant Vogtle	
	1 al a as 41 dl a	-N 04 C	маше		4000 / 111101 - 111101 - 111101	D.// 0.2 0.0 0 11	Address	
4.	identific	ation Of System			1202 / NUCLEAR SE	HVICE COOLI	NG WAIEH	
		icable Construction C cable Edition of Section			1974 Edition, <u>V</u> Replacements 19 <u>89</u>	<i>Vinter '75</i> Add	denda, <i>N/A</i>	Code Cas
6. 1	Identific	ation Of Components	Repairs Or Repla	cement Com	ponents			
	AME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMP	PONENT	MANUFACTURER	NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
"	ALVE	Crosby Valve & Gage Co.	N67951-00-0003	N/A	2PSV11752	1984	REPLACEMENT	YES
^	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		tion Of Work : <u>Relief</u> testing	<i>g. The replacemer</i> Hydro <u>sta</u> tic	nt valve was Pneumatic	previously installed a  Nominal Opera	es 2PSV-11744. Ating Pressure	X	acilitate valve
		<u>testing</u>	g. The replacemen	nt valve was Pneumatic Pressure	previously installed a  Nominal Opera  N/A PSI Test	s 2P\$V-11744.	<u> </u>	acilitate vaive
8	Test Cor	nducted: N/A	Hydrostatic Other	Pneumatic Pressure	Dreviously installed a  Nominal Opera N/A PSI Test  TE OF COMPLIANCE this	as 2PSV-11744.  ating Pressure Temp.  REPLACEME		ms to the
8. We ce rules	Test Con	testing	Hydrostatic Other	Pneumatic Pressure	Nominal Opera N/A PSI Test  TE OF COMPLIANCE this	as 2PSV-11744. Ating Pressure Temp.		
We ce rules	ertify the of the A	nducted:  N/A  at the statements mad SME Code, Section X	Hydrostatic Other	Pneumatic Pressure CERTIFICAT	Nominal Opera N/A PSI Test  TE OF COMPLIANCE this	ating Pressure Temp.  REPLACEME  Epair or replace		
We ce rules Type	ertify that of the A Code Sy	at the statements mad SME Code, Section X	Hydrostatic Other	Pneumatic Pressure _ CERTIFICAT correct and	Nominal Opera N/A PSI Test  TE OF COMPLIANCE this Expiration Da	ating Pressure Temp.  REPLACEME Papair or replace VA	N/A °F  Conforment  N/A	
We ce rules	ertify that of the A Code Sy	nducted:  N/A  at the statements mad SME Code, Section X  mbol Stamp	e in the report are	Pneumatic Pressure _ CERTIFICAT correct and	Nominal Opera N/A PSI Test  TE OF COMPLIANCE this Expiration Da	ating Pressure Temp.  REPLACEME  Epair or replace	X N/A °F ENT Conforement	
We ce rules Type	ertify that of the A Code Sy	testing nducted: N/A at the statements mad SME Code, Section X mbol Stamp Authorization No.	e in the report are	Pneumatic Pressure _  CERTIFICAT  correct and	Nominal Opera N/A PSI Test  TE OF COMPLIANCE this Expiration Da	ating Pressure Temp.  REPLACEME epair or replace VA	N/A °F  Conforment  N/A  19-00	
We cerules Type Certif	ertify that of the A Code Sylicate of	at the statements mad SME Code, Section XI  mbol Stamp  Authorization No.	Hydrostatic Other	Pneumatic Pressure _  CERTIFICAT  correct and  N/A  Date	Nominal Opera N/A PSI Test  TE OF COMPLIANCE this Expiration Da  INSERVICE INSPEC	ating Pressure Temp.  REPLACEME Epair or replace VA  atte	N/A °F  Conforment  N/A  N/A  STEP	ms to the
We cerules Type Certiff Signe	ertify that of the A Code Sylicate of ed	at the statements mad SME Code, Section X mbol Stamp Authorization No. Owner or Owner's gned, holding a valid Georgia and employ	e in the report are  be in the report are  commission issued by Hartford St	Pneumatic Pressure _  CERTIFICAT  correct and  N/A  Date  TIFICATE OF  ued by the nieam Boller In	Nominal Opera N/A PSI Test TE OF COMPLIANCE this Expiration Da  INSERVICE INSPEC ational Board of boil	ATION er and Pressure  Temp.  REPLACEME  Pair or replace  VA  TION  er and Pressu  nce Co. of Har	N/A PF  Conforment  N/A  19-00  S/26/20  re vessel inspectors a tford, Connecticut have	ms to the
We conversely to be seen as a seen a	ertify the of the A Code Sylicate of ed Landersince ofoonents	at the statements mad SME Code, Section X mbol Stamp  Authorization No.  Owner or Owner'  gned, holding a valid Georgia and employ described in OO , and state the	e in the report are  l.  CER  commission issued by Hartford Step to the best of many and the commission is the commissio	Pneumatic Pressure CERTIFICAT CORRECT and N/A Date TIFICATE OF Leed by the niceam Boiler It Learn Boiler It Learn Boy Knowledge	Nominal Opera N/A PSI Test FE OF COMPLIANCE this Expiration Da  INSERVICE INSPEC ational Board of boil aspection and insura during the and belief, the Own	REPLACEME Pagair or replace  VA  TION  er and Pressu  nce Co. of Har period Har period Har period Bresse	N/A °F  N/A °F	and the State ove inspected th
We ce rules Type Certiff Signe  I, the Provincomp to Ameasi By si exami be lia	ertify that of the A Code Sylicate of ed undersing the control of the A code Sylicate of ed the code of the code o	testine  nducted:  N/A  at the statements mad  SME Code, Section X  mbol Stamp  Authorization No.  Owner or Owner'  gned, holding a valid  Georgia and employ described in  OO_, and state the escribed in this certificate, neith	e in the report are  in the repo	Pneumatic Pressure _  CERTIFICAT  correct and  N/A  Date  TIFICATE OF  ued by the neeam Boller In  Report  by knowledge  in accordance  nor his en  in this Owner	Nominal Opera N/A PSI Test TE OF COMPLIANCE this Expiration Da  Expiration Da  INSERVICE INSPEC ational Board of boil aspection and insura during the and belief, the Own ance with the re	REPLACEME Pair or replace  VA  TION  er and Pressu  nce Co. of Har period S- er has perform quirements of warranty, ex more, neither	N/A °F  N/A °F  Conforment  N/A  N/A  N/A  N/A  S/26/09  re vessel inspectors a titord, Connecticut have a consecticut of the c	and the State of the inspected the taken corrective, Section X concerning the employer shall be inspected the taken corrective taken correctiv
We concurred to the province of the province o	ertify that of the A Code Sylicate of ed windersing the control of the A code Sylicate of ed windersing the code of the code o	testine  nducted:  N/A  at the statements mad  SME Code, Section X  mbol Stamp  Authorization No.  Owner or Owner's  gned, holding a valid  Georgia and employ  described in  oo , and state the escribed in this of this certificate, neith and corrective meas any manner for any	e in the report are  i.  CER  commission issued by Hartford St this Owner's at to the best of mounters Report  er the inspector sures described in personal injury	Pneumatic Pressure _  CERTIFICAT  correct and  N/A  Date  TIFICATE OF  ued by the neeam Boller In  Report  by knowledge  in accordance  nor his en  in this Owner	Nominal Opera N/A PSI Test TE OF COMPLIANCE this Expiration Da  Expiration Da  INSERVICE INSPEC ational Board of boil aspection and insura during the and belief, the Own ance with the re inployer makes any ars Report. Further damage or a loss ins CACA	REPLACEME  Papair or replace  VA  Tion  er and Pressus  nce Co. of Har  period 8-  er has perform quirements co.  warranty, ex  more, neither  of any kind a	N/A °F  N/A °F	and the State of the desired the taken corrective, Section X concerning the employer shalected with this
We concurred to the province of the province o	ertify that of the A Code Sy ficate of ed winders ince of conents correct digning to inations able in eation.	at the statements mad SME Code, Section X mbol Stamp  Authorization No.  Owner or Owner's described in OO, and state the escribed in this certificate, neith and corrective meas any manner for any	e in the report are  i.  CER  commission issued by Hartford St this Owner's at to the best of mounters Report  er the inspector sures described in personal injury	Pneumatic Pressure CERTIFICAT CORRECT and N/A Date TIFICATE OF Leed by the nice am Boller It ley knowledge in accordance in this Owne or property Commission	Nominal Opera N/A PSI Test TE OF COMPLIANCE this Expiration Da  Expiration Da  INSERVICE INSPEC ational Board of boil aspection and insura during the and belief, the Own ance with the re inployer makes any ars Report. Further damage or a loss ins CACA	REPLACEME  Papair or replace  VA  Tion  er and Pressus  nce Co. of Har  period 8-  er has perform quirements co.  warranty, ex  more, neither  of any kind a	N/A 2F  N/A 2F  N/A Conforment  N/A 19 00 Since inspectors at tord, Connecticut have a conforment in the ASME Code or implied, the inspector nor his	and the State of the desired the taken corrective, Section X concerning the employer shalected with this

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

Land Brown Bear State State and a will be to be a land of

As Required By The Provisions Of The ASME Code Section XI

								Traveler # 992	18
	1.	Owner	Southern Nuclea	ar Operating Com	pany	Date		5/24/2000	
		_	40 Inverness Center	Name Parkway, Birmingh	am. Ala.	Sheet	· 1	Of	ı
		<del>-</del>				•			<del></del> `
	2.	Plant _	Vogtle Electri	ic Generating Plai	nt	Unit _		2	
		_	Waynesb	oro, GA 30830		MWO#		29901912	
			A	ddress			Repair Org	anization P.O. No., Jo	b No., etc.
	3.	Work Pe	rformed by Nuclear	Operations Maint	enance		PI	ant Vogtle	
				Name				Address	
	4.	Identific	cation Of System		120	2/ NUCLEAR SERV	ICE COOLING V	VATER SYSTEM	
	5.	(a) Appl	licable Construction C	ode <u>ASM</u>	IE SEC III	<i>1974</i> Edition,	Winter '75 Ad	denda, <i>N/A</i>	Code Case
. 1		(b)Appli	icable Edition of Secti	on XI Utilized For	Repairs Or	Replacements 19 <u>89</u>			_
A	6.	Identific	cation Of Components	Repairs Or Repla	cement Co	mponents			
$\sqrt{N}$	γ	NAME	NAME	MANUFACTURER	NATIONAL	1		REPAIRED.	ASME CODE
YX	1	OF	OF	SERIAL	BOARD	OTHER	YEAR	REPLACED OR	STAMPED
O(	_	IPONENT	MANUFACTURER  Crosby Valve & Gage	NO. N67936-00-0002	NO.	IDENTIFICATION 2PSV11759	BUILT 1984	REPLACEMENT REPLACEMENT	(YES OR NO) YES
	Ι΄	77646	Co.	1407950-00-0002	/WA	273711759	1904	REPLACEMENT	723
	<u> </u>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
						1 .			
			N/A	Other	Pressure CERTIFICA	<u>N/A</u> PSI TE	st Temp.	N/A °F	
			at the statements mad ASME Code, Section X		correct and		REPLACEME repair or replace		ms to the
	Турс	e Code S	ymbol Stamp				N/A		
	''	,	Authorization No.		ALZA	<b>F</b>			
	Cert	inicate of	Authorization No.	1.	N/A	Expiration i	Date	N/A	
	Sign	red / <u>[                                  </u>	Homes V	nant me	Dat	e	57 26	<del>00</del> 00	
			Owner or Owner'	s Designee, Title				27,56/09	
				CER	TIFICATE O	F INSERVICE INSPE	CTION		
	l, th	e unders	igned, holding a valid	l commission iss	ued by the	national Board of bo	oiler and Pressu	re vessel inspectors :	and the State or
	Prov	ince of _	<i>Georgia</i> and employ	ed by <u>Hartford St</u>	team Boiler	Inspection and Insu	rance Co. of Har	<u>tford, Connecticut</u> ha	ve inspected the
		6-23		this Owner's at to the best of m			period <u>q</u>	-/6-99 led examinations and	taken corrective
			lescribed in this	Owners Report	in accord	dance with the	requirements (	of the ASME Code	e, Section XI.
							w warrante av	managed on implicat	
		sianina	this certificate, neith	er the Inspector	r nor his e	emplover makes an			concerning the
	By :	ninations	this certificate, neith and corrective mea	sures described i	in this Owr	ers Report. Furthe	ermore, neither	the inspector nor his	emplover shall
	By exar be i	ninations liable in	this certificate, neith s and corrective meas any manner for any	sures described i	in this Owr	ers Report. Furthe	ermore, neither	the inspector nor his	emplover shall
(	By exar be i	ninations	and corrective means any manner for any	sures described personal injury	in this Owr	ners Report. Further y damage or a loss ons <u>6449</u>	ermore, neither s of any kind :	the Inspector nor his arising from or conn	employer shall ected with this
)	By exar be I insp	ninations liable in section.	and corrective mean any manner for any labeled inspector's Signature	personal injury	in this Owr or property Commissi	ners Report. Further y damage or a loss ons <u>6449</u>	ermore, neither s of any kind :	the inspector nor his	employer shall ected with this
)	By exar be I insp	ninations liable in o <b>g</b> ction.	and corrective mean any manner for any labeled inspector's Signature	sures described personal injury	in this Owr or property Commissi	ners Report. Further y damage or a loss ons <u>6449</u>	ermore, neither s of any kind :	the Inspector nor his arising from or conn	employer shall ected with this

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Waynesboro, GA 30830   MWO # 29901913   Repair Organization P.O. No., Job No., etc.   Plant Vogite   Address   Plant Vogite   Plant Vo	4 0						Traveler # 9921	9
Vogtle Electric Generating Plant	1. Owner	Southern Nuclea	r Operating Comp	pany	Date		5/23/2000	
Maynesboro, GA 30830   MWO # 29901913   Repair Organization P.O. No., Job No., etc.   Plant Vogitie   Address   Plant Vogitie   Plant Vogi		· · · · · · · · · · · · · · · · · · ·		am, Ala.	Sheet	1	Of	11
Repair Organization P.O. No., Job No., etc.    Plant Vogitie	2. Plant	Vogtie Electri	c Generating Plan	nt	Unit		2	
Plant Vogtle   Address		Waynesb	oro, GA 30830		MWO#		29901913	
tion of System 1208 / CHEMICAL VOLUME CONTROL SYSTEM  able Construction Code ASME SEC III 1971 Edition, Winter '72 Addenda, N/A Code Catable Edition of Section XI Utilized For Repairs or Replacements 1999  tion of Components Repairs or Replacement Components  NAME SERIAL BOARD OTHER NATIONAL BOARD NO. IDENTIFICATION BUILT REPLACEMENT (YES OR NO. IDENTIFICATION BUILT REPLACEMENT YES OR NO. IDENTIFICATION BUILT REPLACEMENT TO TREPLACEMENT IDENTIFICATION BUILT REPLACEMENT IDENTIFICATION BUILT REPLACEMENT IDENTIFICATION BUILT REPLACEMENT IDENTIFICATION BUILT REPLACEMENT TO THE REPLACEMENT IDENTIFICATION BUILT REPLACEMENT TO THE TENDER OF THE	•					Repair Orga	anization P.O. No., Jo	b No., etc.
tion of System 1208 / CHEMICAL VOLUME CONTROL SYSTEM  table Construction Code ASME SEC III 1971 Edition, Winter '72 Addenda, N/A Code Column Code able Edition of Section XI Utilized For Replacements 1999  tion of Components Repairs Or Replacement Components    NAME	3. Work Pe	erformed by <u>Nuclear</u>	Operations Maint	enance				
tion of Components Repairs Or Replacement Components    NAME			Name				Address	
tion Of Components Repairs Or Replacement Components    Name	4. Identifi	ication Of System	<del></del>		1208 / CHEMICAL VO	LUME CONTRO	OL SYSTEM	
NAME OF SERIAL BOARD OTHER SERIAL BOARD OTHER SERIAL NO. IDENTIFICATION BUILT REPLACED OR STAMPED (YES OR NO)  MANUFACTURER NO. IDENTIFICATION BUILT REPLACEMENT (YES OR NO)  CO. NA 2PSV8121 1977 REPLACEMENT YES  NA N	(b)App	licable Edition of Section	on XI Utilized For	Repairs Or I	Replacements 19 <u>89</u>	<i>Winter '72</i> Add	ienda, <u>N/A</u>	Code Ca
OF SERIAL NO. BOARD NO. IDENTIFICATION BUILT REPLACEDENT (YES OR NO. Crosby Valve & Gage N569000-00- N/A 2PSV8121 1977 REPLACEMENT YES OR NO. Co. N/A	NAME		•		1		DEDAIDED	ASME CODE
Crosby Valve & Gage N569000-00- 0049 N/A 2PSV8121 1977 REPLACEMENT YES  N/A	OF	OF	SERIAL.	BOARD			REPLACED OR	STAMPED
on Of Work: Relief valve S/N N56900-00-0025 was replaced with spare relief valve S/N N56900-00-0049 to facilitate valve testing. The replacement valve was previously installed as IPSV-8121.  ducted: Hydrostatic Pneumatic Nominal Operating Pressure X  Other Pressure NA PSI Test Temp. NA °F  CERTIFICATE OF COMPLIANCE  It the statements made in the report are correct and this REPLACEMENT Conforms to the repair or replacement  MA  WA  Expiration Date N/A  CERTIFICATE OF INSERVICE INSPECTION  Greed, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State described in this Owner's Report during the period 9-16-99  On of Work: Relief valve S/N N56900-00-0049 to facilitate valve testing to the state of	COMPONENT VALVE	Crosby Valve & Gage					•	
on Of Work: Relief valve S/N N56900-00-0025 was replaced with spare relief valve S/N N56900-00-0049 to facilitate valve testing. The replacement valve was previously installed as IPSV-8121.    ducted:		Co.	0049					
testing. The replacement valve was previously installed as 1PSV-8121.    ducted:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Authorization No.  NA Expiration Date  N/A  CERTIFICATE OF INSERVICE INSPECTION  Georgia and employed by Hartford Steam Boller Inspection and Insurance Co. of Hartford, Connecticut have inspected described in this Owner's Report during the period 9-16-99  OO, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken correct escribed in this Owners Report in accordance with the requirements of the ASME Code, Section has certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer signal and corrective measures described in this Owners Report.	8. Test C	onducted: N/A	· — —	Pressure	N/A PSI Tes	Temp.		
Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  CERTIFICATE OF INSERVICE INSPECTION  Greed, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford, Connecticut have inspected described in this Owner's Report during the period 9-16-99  OO , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken correct in scribed in this Owners Report in accordance with the requirements of the ASME Code, Section his certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer si	We certify the	N/A	Other	PressureCERTIFICA	N/A PSI Test TE OF COMPLIANCE Ithis	REPLACEME	N/A °F	ms to the
Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  Gred, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford, Connecticut have inspected described in this Owner's Report during the period 9-16-99  On and state that to the best of my knowledge and belief, the Owner has performed examinations and taken correct in scribed in this Owners Report in accordance with the requirements of the ASME Code, Section his certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer significance in this Owners Report.	We certify the	N/A	Other	Pressure	N/A PSI Test TE OF COMPLIANCE I this	REPLACEME epair or replace	N/A °F	rms to the
CERTIFICATE OF INSERVICE INSPECTION  gned, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State Georgia and employed by Hartford Steam Boller Inspection and Insurance Co. of Hartford, Connecticut have inspected described in this Owner's Report during the period 9-16-99  oci , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken correct inscribed in this Owners Report in accordance with the requirements of the ASME Code, Section his certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer signals.	We certify the rules of the Type Code S	N/Ahat the statements mad ASME Code, Section X	Other	Pressure _ CERTIFICA e correct and	N/A PSI Test TE OF COMPLIANCE I this	REPLACEME epair or replace	N/A °F  N/T Conforment	ms to the
gned, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford, Connecticut have inspected described in this Owner's Report during the period 9-16-99.  The content of the Dest of my knowledge and belief, the Owner has performed examinations and taken correct in accordance with the requirements of the ASME Code, Section his certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer significance in the Inspector of the Ins	We certify the rules of the Type Code S	hat the statements mad ASME Code, Section X Symbol Stamp	Other	Pressure	N/A PSI Test TE OF COMPLIANCE If this  Expiration Description	REPLACEME epair or replace N/A	N/A °F  N/T Conforment  N/A	ms to the
gned, holding a valid commission issued by the national Board of boiler and Pressure vessel inspectors and the State Georgia and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford, Connecticut have inspected described in this Owner's Report during the period 9-16-9 oc., and state that to the best of my knowledge and belief, the Owner has performed examinations and taken correct in correction in this Owners Report in accordance with the requirements of the ASME Code, Section his certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning and corrective measures described in this Owners Report. Furthermore, neither the Inspector nor his employer si	We certify the rules of the Type Code S	hat the statements mad ASME Code, Section X Symbol Stamp of Authorization No.	other	Pressure	N/A PSI Test TE OF COMPLIANCE If this  Expiration Description	REPLACEME epair or replace N/A	N/A °F  Conforment  N/A  N/A	
any manner for any personal injury or property damage or a loss of any kind arising from or connected with the state of th	We certify the rules of the Type Code S	hat the statements mad ASME Code, Section X Symbol Stamp of Authorization No.	Other De in the report are l.  Mands Designee, Title	Pressure  CERTIFICA  correct and  NVA  Date	N/A PSI Test TE OF COMPLIANCE If this  Expiration Diese	REPLACEME epair or replace N/A ate	N/A °F  Conforment  N/A  N/A	
L. holloi Commissions GA 497	We certify the rules of the Type Code Signed Signed I, the under Province of components to 06-23	hat the statements mad ASME Code, Section X Symbol Stamp of Authorization No.  Owner or Owner	Other Definition of the commission issued by Hartford State of the best of n	Pressure  CERTIFICA  correct and  N/A  N/A  Date  TIFICATE Of  ued by the interm Boller  s Report  ny knowledge	N/A PSI Test  TE OF COMPLIANCE  I this  Expiration Date  Expiration Date  Instinual Board of boil Inspection and Insuration during the geand belief, the Own	REPLACEME epair or replace N/A ate  STION lier and Pressurance Co. of Harperlod per has perform	N/A 2F  N/A Conforment  N/A 20	and t
	We certify the rules of the Type Code Signed Certificate of Signed Province of components to 06-23 measures  By signing examination be liable in insplection.	hat the statements mad ASME Code, Section X Symbol Stamp of Authorization Nd.  Owner or Owner	Other	Pressure  CERTIFICA  correct and  N/A  N/A  Date  TIFICATE Of  ued by the ream Boller  s Report  ny knowledg  in accord  r nor his e in this Own  or property	N/A PSI Test  TE OF COMPLIANCE  It this  Expiration Description and Insurational Board of boil Inspection and Insurational Board of boil Inspection and Insurational Board of the Insurational Board of	REPLACEME epair or replace N/A  ate  STION ler and Pressulance Co. of Har period 9-1 ner has perform equirements of warranty, expense of any kind at the state of any kind	N/A 2F  N/A 2F  N/A 30  19-00  Ker 5/201  re vessel inspectors ttord, Connecticut have a connecticut and of the ASME Code or implied, the inspector nor his arising from or connecticut and of the Inspector nor his arising from or connecticut and of the Inspector nor conn	and the State ve inspected taken correce, Section concerning employer s ected with

						Traveler #	99221
1. Owner	Southern Nuclea	ar Operating Comp	pany	Date		05/03/00	
	40 Inverness Ce	Name enter Parkway, Bin	mingham Al				
			mingriam, AL	Sheet	1	Of	1
2. Plant	Vogtle Electric C	Generating Plant		Unit	·	2	
	Waynesboro, GA	A 30830		MWO#		29900570	
		Address			Repair Org	janization P.O. No., Je	ob No., etc.
3. Work Pe	rformed by Nucle	ear Operations Ma	intenance		و	lant Vogtle	
		Name				Address	<del></del>
4. Identifica	ation Of System			1205 / Residual H	eat Removal S	vstem	
(b)Applic		ection XI Utilized	For Repairs	<i>971</i> Edition, <u>Sun</u> Or Replacements 19 <u>8</u>	mer 1072	Addenda, N/A	Code Ca
6. Identifica	ation Of Compone	nts Repairs Or R	eplacement (	Components			
NAME	NAME	MANUFACTURER	NATIONAL			REPAIRED.	ACHE CODE
OF COMPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER	YEAR	REPLACED OR	ASME CODE STAMPED
HEAT	SENTRY	796018	1307	2-1205-P6-002-	BUILT 1979	REPLACEMENT REPLACEMENT	(YES OR NO) YES
EXCHANGER	EQUIPMENT CORP.			M01			720
							<del></del>
7. Descripti 8. Test Con	on Of Work <u>Moto</u> ducted: N/A	Hydrostatic Other	Pneumatic Pressure	Nominal Opera N/A PSI Test	ting Pressure	X N/A °F	
8. Test Con  We certify that	ducted: N/A	Hydrostatic Other other	Pressure _	Nominal Opera N/A PSI Test  ATE OF COMPLIANCE  and this	ting Pressure Temp. E	N/A °F	ms to the
8. Test Con We certify that rules of the AS	ducted:  N/A  the statements medicates of the section of the secti	Hydrostatic Other other	Pressure _	Nominal Opera N/A PSI Test  ATE OF COMPLIANCE  and this	ting Pressure Temp	N/A °F	ms to the
8. Test Con We certify that rules of the AS	ducted:  N/A  the statements medicates of the section of the secti	Hydrostatic Other other	Pressure _	Nominal Opera N/A PSI Test  ATE OF COMPLIANCE  and this	ting Pressure Temp. E REPLACEMEN pair or replace	N/A °F	ms to the
8. Test Con We certify that rules of the AS	the statements m	Hydrostatic Other In the report	Pressure _	Nominal Opera N/A PSI Test  ATE OF COMPLIANCE and this	ting Pressure Temp.  E  REPLACEMEN pair or replace	N/A °F	ms to the
8. Test Con We certify that rules of the AS Type Code Syn Certificate of A	the statements m	Hydrostatic Other In the report XI.	Pneumatic Pressure _ CERTIFICA t are correct a	Nominal Opera N/A PSI Test ATE OF COMPLIANCE and this Re N/A Expiration Da	ting Pressure Temp.  E  REPLACEMEN pair or replace	N/A °F  // conforement  N/A	ms to the
We certify that rules of the AS Type Code Syn Certificate of A No.	the statements mile Code, Section in Stamp authorization	Hydrostatic Other In the report	Pressure _ CERTIFICA t are correct a	Nominal Opera N/A PSI Test ATE OF COMPLIANCE and this Re N/A Expiration Da	ting Pressure Temp.  E  REPLACEMEN pair or replace	N/A °F	ms to the
We certify that rules of the AS Type Code Syn Certificate of A No.	the statements mile Code, Section in Stamp authorization	Hydrostatic Other State In the report of XI.	Presure _ CERTIFICA t are correct a	Nominal Opera N/A PSI Test ATE OF COMPLIANCE and this Re N/A Expiration Da	ting Pressure Temp.  E  REPLACEMEN  pair or replace	N/A °F  // conforement  N/A	ms to the
8. Test Con We certify that rules of the AS Type Code Syn Certificate of A No. Signed	the statements medical Stamp  authorization  Cowner or Owner	Hydrostatic Other In the report of XI.	Pneumatic Pressure	Nominal Opera N/A PSI Test ATE OF COMPLIANCE and this Re N/A Expiration Da	Temp.  E  REPLACEMEN  pair or replace  te	N/A °F  // confor ement  N/A  / 20 20	
8. Test Con We certify that rules of the AS Type Code Syn Certificate of A No. Signed	the statements mediate of the statements mediate of the statements of the statement of the st	Hydrostatic Other In the report of XI.  The second of of XII.  The second of XI.  The second of XI.	Pneumatic Pressure CERTIFICAL are correct and Date RTIFICATE Of Ssued by the	Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration Da  FINSERVICE INSPEC	ting Pressure Temp.  E  REPLACEMEN pair or replace te  CTION oiler and Pres	N/A °F  // conforment  N/A  / 20 20	ve and the Si
8. Test Con We certify that rules of the AS Type Code Syn Certificate of A No. Signed I, the undersig or Province of have inspec	the statements medical	Hydrostatic Other	Pneumatic Pressure	Nominal Opera N/A PSI Test ATE OF COMPLIANCE and this Expiration Da  F INSERVICE INSPEC	ting Pressure Temp.  E REPLACEMEN pair or replace tte CTION coller and Press Inspection and	N/A °F  // conforment  N/A  / 20 ②  sure vessel inspector insurance Co. of Har	rs and the Si
8. Test Con We certify that rules of the AS Type Code Syn Certificate of A No. Signed I, the undersig or Province of have inspecto	the statements med, holding a valued, holding a valued the company and state	Hydrostatic Other	Pneumatic Pressure	Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration Da  Expiration Da  onational Board of b  Hartford Steam Boiler  this Owner's F	Temp.  E  REPLACEMEN  pair or replace  tte  CTION  oiler and Pres  Inspection and  teport during	N/A °F  // conforment  N/A  // 20 ②  sure vessel inspector insurance Co. of Handre insurance Co. of Handre insurance Co.	rs and the St tford, Connect 01/25/99
We certify that rules of the AS Type Code Syn Certificate of A No. Signed I, the undersignor Province of have inspect to 5-15- corrective mea	the statements mediated the compared the com	Hydrostatic Other	Pneumatic Pressure CERTIFICA  t are correct a  A/A  Date  RTIFICATE Of  issued by the employed by ribed in st of my kno s Report in	Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration Da  Expiration Da  o national Board of be  Hartford Steam Boiler  this Owner's F  wiedge and belief, t  accordance with the	ting Pressure Temp.  E REPLACEMEN pair or replace tte CTION oiler and Pres Inspection and the Owner has e requirement	N/A °F  N/A conforment  N/A  20 20  Sure vessel inspector of insurance Co. of Hamber of the ASME Co.	rs and the Si tford, Connect 01/25/99 tions and tal de, Section
We certify that rules of the AS Type Code Syr Certificate of A No. Signed I, the undersignor Province of have inspecto S-IS- corrective mea	the statements mediated the composited the composite composite the composite comp	Hydrostatic Other	Pneumatic Pressure CERTIFICATE Of Saued by the employed by ribed in st of my know Report in this entire the country that the country the c	Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration Da  Expiration Da  Onational Board of be Hartford Steam Boiler  this Owner's Fewledge and belief, to accordance with the mployer makes any	ting Pressure Temp.  E  REPLACEMEN pair or replace tte  CTION  oiler and Press Inspection and teport during the Owner has the requirement warranty, ex	N/A 2F  N/A conforment  N/A  20 20  Source vessel inspector of Insurance Co. of Harming the period Co. performed examinates of the ASME Co.	rs and the St tford, Connect 11/25/99 tions and tak de, Section concerning t
We certify that rules of the AS Type Code Syn Certificate of A No. Signed I, the undersignor Province of have inspecto 5-15- corrective meaning this examinations as the liable in an inspection.	the statements med Code, Section and Stamp authorization Owner or	Hydrostatic Other	Pneumatic Pressure CERTIFICATE Of State of my knows Report in per nor his ed in this Own y or property	Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration Da  Expiration Da  I hartford Steam Boiler  this Owner's F  wiedge and belief, t accordance with the mployer makes any ners Report. Further y damage or a loss	ting Pressure Temp.  E  REPLACEMEN pair or replace tte  CTION  oiler and Press Inspection and teport during the Owner has the requirement warranty, ex	N/A °F  N/A conforment  N/A  20 20  Sure vessel inspector of Insurance Co. of Harming the period Co. sperformed examinates of the ASME Co.	rs and the St tford, Connecti 11/25/99 tions and tak de, Section concerning t
We certify that rules of the AS Type Code Syr Certificate of ANO. Signed I, the undersignor Province of have inspecto 5-15-corrective measurements and liable in an inspection.	the statements med code, Section of the statements med. Section of the statements med. Section of the statement of the statement of the section of the secti	Hydrostatic Other	Pneumatic Pressure CERTIFICATE Of Saued by the employed by ribed in st of my know Report in this entire the country that the country the c	Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration Da  Expiration Da  I hartford Steam Boiler  this Owner's F  wiedge and belief, to accordance with the mployer makes any mers Report. Further  y damage or a loss  as A 49	ting Pressure Temp.  E  REPLACEMEN pair or replace te  CTION  ciler and Press Inspection and Report durin the Owner has e requiremen warranty, ex more, neither of any kind a	N/A 2F  N/A conforment  N/A  20 20  Source vessel inspector of Insurance Co. of Harming the period Co. performed examinates of the ASME Co.	rs and the St tford, Connecti 01/25/99 tions and tak de, Section concerning to semployer sh nected with ti
We certify that rules of the AS Type Code Syn Certificate of A No. Signed I, the undersignor Province of have inspecto 5-15- corrective meaning this examinations as the liable in an inspection.	the statements med code, Section of the statements med. Section of the statements med. Section of the statement of the statement of the section of the secti	Hydrostatic Other	Pneumatic Pressure CERTIFICATE Of State of my knows Report in per nor his ed in this Own y or property	Nominal Opera  N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration Da  Expiration Da  I hartford Steam Boiler  this Owner's F  wiedge and belief, to accordance with the mployer makes any mers Report. Further  y damage or a loss  as A 49	ting Pressure Temp.  E  REPLACEMEN pair or replace te  CTION  ciler and Press Inspection and Report durin the Owner has e requiremen warranty, ex more, neither of any kind a	N/A 20 20 20 20 25 25 25 25 25 25 25 25 25 25 25 25 25	rs and the St tford, Connect 01/25/99 tions and tal de, Section concerning to semployer sh nected with t

							Traveler #	99223
1. (	Owner	Southern NuclearC		any	Date _		11/17/99	
		40 Inverness Cent	Name er Parkway, Bin	mingham, AL	Sheet _	1	Of	1
2. i	Plant	Vogtle Electric Ger	nerating Plant		Unit		2	
		Waynesboro, GA	30830		MWO#		29901501	
			Address		_	Repair Or	ganization P.O. No., J	ob No., etc.
3. \	Work Per	formed by Nuclear	Operations Ma. Name	intenance	·		Plant Vogtle Address	
4. 1	dentifica	tion Of System _			1501 / Contains	ment Cooling Sy	stem	
(	(b)Applic	eable Construction able Edition of Sec tion Of Component	tion XI Utilized	For Repairs	1977 Edition, <u>W</u> Or Replacements 1		_ Addenda, <i>N/A</i> _	Code Case
	AME		MANUFACTUR	NATIONAL			REPAIRED,	ASME CODE
	OF PONENT	OF MANUFACTURER	ER SERIAL	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
Pli	501 PING STEM	PULLMAN POWER PRODUCTS	NO. N/A	N/A	2V4-1501-034-01 2V4-1501-035-01	1988	REPLACEMENT	YES
	Description		ed replacement  Hydrostatic  Other	Pneumat	ic Nominal Ope	ocated on Conta rating Pressure st Temp.		501-A7-006.
				CERTIFIC	CATE OF COMPLIAN	ICE		
	•	the statements ma	•	rt are correc		REPLACEM repair or repla	<del></del>	rms to the
Туре	Code Syr	mbol Stamp			1	N/A		
Certifi No.	icate of A	Authorization		N/A	Expiration	Date	N/A	
Signe	d K	Owner or Owner	Mant s Designee, Tit	men_Da	te	11/17	19 9 <u>S</u>	
				DTIEICATE	OF INSERVICE INSE	ECTION		
or Prohave to /correct By sie examine the lians in specific control of the correct control	cive me gning the inations in all cities in all cities.	Georgia  ted the comp  99 , and state asures described  is certificate, neiti and corrective mea	id commission and conents des that to the be in this Owne ther the Inspect	issued by to a second control of the	the national Board of this Owner's nowledge and belie in accordance with the employer makes a wners Report. Furtlerty damage or a localions SA49	f boiler and Priler Inspection a Report du f, the Owner i the requirem any warranty, hermore, neith	essure vessel inspect and Insurance Co. of He ring the period nas performed examin ents of the ASME Co expressed or implied er the Inspector nor he d arising from or co	artford, Connecticut 09/28/99 nations and taken code, Section XI. I, concerning the his employer shall nnected with this
Date		•	19 _ 90	2		<b>,</b>		



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

As Required By The Provisions Of The ASME Code Section XI

						Traveler # 9922	24
1. Owner	Southern Nucle	ear Operating Com	pany	Date		12/ 9/99	
	40 Inverness Cen	Name ter Parkway, Birmin Ala.	gham,	Sheet	1	Of	2
2. Plant	Vogtle Elect	ric Generating Pla	nt	Unit		2	
		<i>boro, GA 30830</i> Address	<del></del>	MWO#	Popoir Orac	29801500 anization P.O. No., Jo	h No. etc
3. Work Pe		<i>r Operations Maint</i> Name	enance		Pla	int Vogtle Address	
4. Identifi	cation Of System			1501 / Containm	ent Air Cooling	System	<u>.</u>
(b)Appi	icable Edition of s	on Code <u>ASME</u> : ection XI Utilities F ents Repairs Or Re	or Repairs Or	Replacements 1	Winter 77 Add 19 <u>89</u>	lenda, <i>N/A</i>	Code Case
NAME	NAME	MANUFACTURER	NATIONAL	OTIES	VEAD	REPAIRED,	ASME CODE
OF COMPONEN	OF T MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR ON BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
HEAT EXCHANGE HEADER	CVI INC.	02A338	1229	2-1501A7-00		REPLACEMENT	YES
HEAT EXCHANGE HEADER	CVI INC.	02A347	1230	2-1501A7-00	03 1982	REPLACEMENT	YES
HEAT EXCHANGE HEADER	CVI INC.	02A356	1231	2-1501A7-00	03 1982	REPLACEMENT	YES
HEAT EXCHANGE HEADER	CVI INC.	02A364	1232	2-1501A7-00	03 1982	REPLACEMENT	YES
HEAT EXCHANGE HEADER	CVI INC.	02A365	1233	2-1501A7-00	03 1982	REPLACEMENT	YES
HEAT EXCHANGE HEADER	CVI INC.	02A376	1234	2-1501A7-00	03 1982	REPLACEMENT	YES
7. Descrip Work 8. Test Co	outlet i	manifolds as show	<i>n on isometric</i> Pneumatic ☐	drawings 2V4-1 Nominal Ope			6-123 on inlet –

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

Traveler Number - 99224

Page 2 of 2

	1 rate fee		
ιTΛ	√ CERTIFICATE OF COMPLIA	NCE	
W	We certify that the statements made in the report are correct and this rules of the ASME Code, Section XI.	REPLACEMENT repair or replacement	conforms to the
	Type Code Symbol Stamp	N/A	
	Certificate of Authorization No. N/A Expiration	Date	N/A
	Signed KR Lands Mand Men Date Owner or Owner's Designee, Tikle	12/9	19 99
,		of boiler and Pressure varieties being boiler in this Owner' formed examinations a quirements of the any warranty, expressing thermore, neither the incoss of any kind arising	and insurance Co. of Hartford s Report during the to 12-14-99 and taken corrective measures ASME Code, Section XI and or implied, concerning the spector nor his employer shall g from or connected with this
	Date 12-14 19 99		

						Traveler #	99226
1. Owner	Southern NuclearC	Operating Comp	any	Date		11/17/99	
	40 Inverness Cent	Name er Parkway, Birr	ningham, AL	Sheet _	1	Of	1
2. Plant	Vogtle Electric Ge	nerating Plant		Unit _		2	
	Waynesboro, GA	30830		MWO#		29900559	
		Address	<del></del>		Repair Org	ganization P.O. No., Je	ob No., etc.
3. Work Pe	rformed by Nuclear		intenance		<i>F</i>	Plant Vogtle	
		Name				Address	
4. Identific	ation Of System _			1202 / Nuclear Servi	ce Cooling Wat	er System	
(b)Appli		tion XI Utilized	For Repairs	1977 Edition, William Components		_Addenda, <i>N/A</i> _	Code Case
NAME	·	MANUFACTUR	•	1		DEDAIDED	ASME CODE
OF COMPONENT	NAME OF MANUFACTURER	ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
1202 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K7-1202-228-01 2K7-1202-328-01	1988	REPLACEMENT	YES
rules of the A	N/A X  It the statements ma SME Code, Section  Imbol Stamp	XI.	t are correct	CATE OF COMPLIAN	st Temp.  CE  REPLACEME repair or replace  V/A	ENT confo	rms to the
Certificate of No.	Authorization		N/A	Expiration	Date	N/A	
Signed <u></u>	Owner or Owner'	Mant P		te	11/17	19 9	
		CE	RTIFICATE	OF INSERVICE INSE	PECTION		
or Province on the control of the co	of <u>Georgia</u> coted the comp - 99, and state easures described his certificate, neiti and corrective mea	and conents described that to the bein this Owner the Inspectasures described personal injuries.	employed be cribed in est of my kings. Report in etor nor his ed in this Orry or prope	by <u>Hartford Steam Boo</u> this Owner's nowledge and belief n accordance with employer makes a wners Report. Furth rty damage or a lo	iler Inspection and Report during the Owner has the requirement of the	essure vessel inspected in the period as performed examinates of the ASME Control of the inspector nor hard arising from or control of the inspector of the inspector or control of the inspector of the i	artford, Connectice 10/04/99 nations and take code, Section X i, concerning the is employer sha innected with the
Date <u>/2</u>	-06-99			, www.lai		and Endolog	

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

As Required By The Provisions Of The ASME Code Section XI

							Traveler #	99227
1.	Owner	Southern Nuclear	Operating Company	<u>y</u>	Date		12/08/99	
		40 Inverness Cent	Name ter Parkway, Birmir	ngham, AL	Sheet	1	Of	1
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit _		2	
		Waynesboro, GA	30830 Address		MWO#_	Beneir Oro	29902563 anization P.O. No., J	oh No. etc
	Marile Des	dament has blanken					•	ob No., etc.
3.	Work Per	formed by Nuclea	Name	enance			lant Vogtle Address	•
4.	Identifica	tion Of System _			1205 / Residual	Heat Removal S	ystem	
5.	(b)Applic	able Edition of Sec	tion XI Utilized Fo	r Repairs	1977 Edition, <u>Wi</u> Or Replacements 1		Addenda, N/A	Code Case
6.	Identifica	tion Of Componen	ts Repairs Or Rep	lacement	Components			
1	NAME OF IPONENT	NAME OF MANUFACTURER	MANUFACTUR N ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	5 PIPING /STEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1205-008-01	1988	REPLACEMENT	YES
7. 8.	Description			Pneumati		s located at 2FO rating Pressure st Temp.		
			· · · · · · · · · · · · · · · · · · ·	CERTIFIC	ATE OF COMPLIAN	CE		
	•	the statements ma	•	ire correct		REPLACEME repair or replace		orms to the
Туре	Code Syı	mbol Stamp	·	**		√A	*****	
Certi No.	ficate of A	Authorization	N/a	<b>A</b>	Expiration	Date	N/A	
Sign	ed <u>\R</u>	Hohna V Owner or Owner	haint Mry	ے Dat	ie	12/15	<u> </u>	
			CER	TIFICATE (	OF INSERVICE INSE	PECTION		
or Pi have to	rovince of inspec	Georgia cted the comp 99 , and state	lid commission is and en and en ponents descri	sued by ti mployed b bed in t of my kr	he national Board o by <u>Hartford Steam Bo</u> this Owner's nowledge and belie	f boiler and Pre iler Inspection at Report dur f. the Owner h	essure vessel inspec and Insurance Co. of <u>H</u> ing the period as performed exami ents of the ASME	<u>artford. Connecticut</u> 10/03/99 nations and taken
By s exan be li insp	igning the ninations able in a pection,	is certificate, neit and corrective me	ther the Inspecto asures described y personal injury	r nor his in this Ov or prope	employer makes a wners Report. Furth rty damage or a lo	nny warranty, e hermore, neithe	expressed or implier or the inspector nor il arising from or co	d, concerning the his employer shall
-=	reach	Inspector's Signat	ure /	Commissi	ions <i>GA 49</i> National	/ Board, State, P	rovince and Endorse	ements
Dat	12-	16	19 <u>99</u>					

PAR 12/13/96

						Traveler # 9922	8
1 Owner	Southern Nuc	lear Operating Co.	mpanv	Date		12/10/99	
r. Owner		Name nter Parkway, Birm Ala.		Sheet	1	Of	1
2. Plant	Vogtie Elec	etric Generating P	lant	Unit		2	
	Wavne	sboro, GA 30830		MWO#		29902566	
		Address			Repair Orga	anization P.O. No., Jo	b No., etc.
3. Work Po	erformed by <u>Nucle</u>	<i>ar Operations Ma</i> Name	intenance			ant Vogtle Address	
4. Identif	cation Of System			1205 / RESIDUAL H	IEAT REMOVAL	SYSTEM	
5. (a) App (b)App	licable Construct licable Edition of	ion Code <u>ASM</u> Section XI Utilized	<i>E SEC III</i> d For Repair	1977 Edition, <u>V</u> s Or Replacements 1	<i>Vinter '77</i> Add 9 <u>89</u>	lenda, <i>N/A</i>	Code Case
6. Identif	cation Of Compo	nents Repairs Or	Replacemen	t Components			
NAME OF	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
PIPING SYSTEM	Pullman Power Company Inc.	N/A	N/A	2K3-1208-008-01	1988	REPLACEMENT	YES
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8. Test C	onducted: N/A X	Hydrostatic Other	Pneumati Pressure	· ·	rating Pressure at Temp.		
) ·		· · · · · · · · · · · · · · · · · · ·	CERTIF	ICATE OF COMPLIAN	ICE	<u> </u>	
	hat the statement ASME Code, Sec		ort are corre	ect and this	REPLACEME repair or replace		rms to the
Type Code	Symbol Stamp	<u></u>			N/A		
Certificate	of Authorization N	lo	N/A	Expiration D	ate	N/A	
Signed	Owner or Own	murt M	Ver Dat	e	121	0 19 99	
<u> </u>				OF INSERVICE INS	PECTION		
or Province inspected to <u>/2-/-/-</u> corrective  By signing examination be liable in	e of <u>Georgia</u> the components \( \frac{1}{2} - 9  9  9  and measures description this certificate, one and corrective any manner for	a valid commission and employed by described in the state that to the libed in this Own neither the Inspersements described the state of the state o	in Issued by I Hartford S Is Owner's best of my I lers Report ector nor hi libed in this	the national Board of team Boller Inspection Report during the knowledge and belief in accordance with the semployer makes a cowners Report. Furt	f boiler and Preon and Insuran period /2 f, the Owner had the requirement any warranty, e hermore, neither	essure vessel inspect oce Co. of <u>Hartford</u> , oce Co. oc. oce Co. oc. oc. oc. oc. oc. oc. oc. oc. oc. o	ations and taken code, Section XI.  concerning the ls employer shall
inspection Juan	1	nature	_ Commiss	lons <u>GA 49</u> National	7 Board, State, Pi	rovince and Endorsen	nents
Date /	? - <i>13</i>	19 <i>_99</i>					

							Traveler #	99229
1.	Owner	Southern Nuclear		any	Date		12/15/99	
		40 Inverness Cen	Name ter Parkway, Bi	mingham, AL	Sheet	1	Of	1
2.	Plant	Vogtle Electric Ge	enerating Plant		Unit _		2	
		Waynesboro, GA	30830		MWO#		29902620	
		•	Address		_	Repair Org	anization P.O. No., J	ob No., etc.
3.	Work Per	rformed by Nuclea	<i>r Operations Ma</i> <b>Name</b>	intenance			lant Vogtle Address	
4.	Identifica	ition Of System			1205 / Residual I	Heat Removal Sy	/stem	
	(b)Applic	cable Construction able Edition of Sec tion Of Componen	tion XI Utilized	For Repairs	1977 Edition, <u>Wi</u> Or Replacements 19	inter 1977 9 <u>89</u>	Addenda, N/A	Code Case
	NAME	NAME	MANUFACTUR		T	-	DEDAIDED	10112 0000
	OF MPONENT	OF MANUFACTURER	ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	5 PIPING YSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1205-007-02	1988	REPLACEMENT	YES
We c	of the AS	the statements ma	XI.	Pressure  CERTIFIC  rt are correct	N/A PSI Test CATE OF COMPLIAN and this	rating Pressure st Temp. CE  REPLACEMENT repair or replace	N/A °F	rms to the
Certi		uthorization		N/A	Expiration I		N/A	
No. Sign	ed <u> </u>	Owner or Owner		hej Dat	e	12/17	_19 <u>9</u> Ç	
			Cl	RTIFICATE	OF INSERVICE INSP	ECTION		
or Pr have to (	ovince of inspec	ted the comp	id commission and onents des	issued by the cribed in the cribed in the cribed in the cribes in the cr	ne national Board of y <u>Hartford Steam Boi</u> this Owner's	boiler and Pres ler Inspection and Report durit	ssure vessel inspect d insurance Co. of Ha ng the period s performed examin nts of the ASME C	rtford, Connecticut 10/03/99

1.	. Owner	Southern Nuclear		pany	Date		04/03/00	
		40 Inverness Cen	Name ter Parkway, Bir	mingham, AL	Sheet	1	Of	3
2.	. Plant	Vogtle Electric Ge	nerating Plant		Unit		2	
		Waynesboro, GA	30830		MWO#		29801685	
			Address	<del></del>		Repair Org	ganization P.O. No., J	ob No., etc.
3.	Work Per	formed by Nuclea	<i>r Operations Ma</i> Name	uintenance		<i>F</i>	Plant Vogtle Address	
4.	Identifica	tion Of System	Mailio		1201 / Peacto	r Coolant Syste		
5.		· -			1977 Edition, Sun			
J.	(b)Applic	able Edition of Sec	tion XI Utilized	For Repairs	Or Replacements 19	89	_ Addenda, <i>N/A</i> _	Code Case
6.	identifica	tion Of Componen	ts Repairs Or R	Replacement (	Components			
Г	NAME	NAME	MANUFACTUR	NATIONAL		<u> </u>	REPAIRED,	ASME CODE
co	OF OMPONENT	OF MANUFACTURER	ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	VALVE	GARRETT	P-144	NA	2PV0455A	1984	REPLACEMENT	YES
			1 1					
rule	Test Cond		Hydrostatic Other definition	Pneumatic Pressure CERTIFIC rt are correct	Nominal Opera  N/A PSI Tes  ATE OF COMPLIANC  and this	ating Pressure t Temp. EE REPLACEME epair or replac	N/A 2F	2027 is attached.
We rule	Test Condition Certify that as of the AS are Code Syntificate of A	the statements ma	Hydrostatic Other definition	Pneumatic Pressure CERTIFIC rt are correct	Nominal Opera  N/A PSI Tes  ATE OF COMPLIANC  and this	ating Pressure t Temp.  E  REPLACEME epair or replace	N/A °F	
We rule Typ Ceri	Test Condition Certify that as of the AS are Code Syntificate of A	the statements ma	Hydrostatic Other Inde in the report XI.	Pressure  CERTIFIC  rt are correct  N/A  Date	Nominal Opera  N/A PSI Tes  ATE OF COMPLIANC  and this  re  N/  Expiration D	ating Pressure t Temp.  E  REPLACEME epair or replace	N/A °F	
We rule Typ Ceri	certify that es of the AS are Code Syn	the statements mandle Code, Section inboi Stamp	Hydrostatic Other Made in the report XI.  Name No.	Pressure Pressure CERTIFIC rt are correct N/A Date	Nominal Opera  N/A PSI Tes  ATE OF COMPLIANC  and this  re  N/  Expiration D	REPLACEME Papair or replace A	N/A °F  Conforment  N/A	

1							Traveler #	99233
•••	Owner	Southern Nuclear		ny	Date _		12/07/99	
		40 Inverness Cen	Name <i>ter Parkway, Birm</i>	ingham, AL	Sheet _	1	Of	2
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit _		2	
		Waynesboro, GA			MWO#_		29900514	
			Address			Repair Org	anization P.O. No., J	ob No., etc.
3.	Work Per	formed by Nuclea	r Operations Main Name	tenance			lant Vogtle Address	
4.	Identifica	tion Of System			1302 / Auxilian	y Feedwater Sys	tem	
5.	(b)Applic	eable Construction able Edition of Sec tion Of Componen	tion XI Utilized F	or Repairs	1974 Edition, <u>Su</u> Or Replacements 1	nmer 1975 9 <u>89</u>	Addenda, N/A	Code Case
			····		Components			
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
١	/ALVE	ANCHOR DARLING VALVE CO.	E9001-110-6	N/A	2-1302-U4-120	1983	REPLACEMENT	YES
7.	Description	on Of Work <u>Install</u>	ed replacement va	alve bonnet.	A copy of Form N-2	for the replacem	ent bonnet is attached.	
8. We d	Test Concertify that		Hydrostatic Other Other	Pressure CERTIFIC	Nominal Oper NA PSI Ter NTE OF COMPLIAN And this	rating Pressure st Temp.	X    N/A	rms to the
We crules Type	rest Condessertify that a of the AS	the statements ma	Hydrostatic Other	Pressure CERTIFIC	Nominal Oper NA PSI Ter NTE OF COMPLIAN And this	rating Pressure st Temp. CE REPLACEME repair or replac	X    N/A	
We or rules Type Certi	ertify that of the AS Code Synficate of A	the statements mandated the Code, Section	Hydrostatic Other N	Pneumatic Pressure CERTIFIC are correct	Nominal Oper N/A PSI Ter  ATE OF COMPLIAN  and this  Expiration I	rating Pressure st Temp. CE REPLACEME repair or replac	N/A 2F  N/T confo	
8. We drules	ertify that of the AS Code Synficate of A	the statements mandate of the statements mandate of the statements of the statement o	Hydrostatic Other XI.	Pneumatic Pressure CERTIFIC are correct	Nominal Oper N/A PSI Ter  ATE OF COMPLIAN  and this  Expiration I	rating Pressure st Temp.  CE  REPLACEME repair or replace I/A  Date	N/A 2F  N/A confo	

							Traveler #	99257
1.	Owner	Southern Nuclear		pany	Date _		11/29/99	
		40 Inverness Cer	Name nter Parkway, Bi	mingham, AL	Sheet	. 1	Of	I
2.	Plant	Vogtle Electric Ge	enerating Plant		Unit _		2	
		Waynesboro, GA	30830		MWO#		29900436	
			Address			Repair Or	ganization P.O. No., J	ob No., etc.
3.	Work Pe	rformed by Nuclea	r Operations Ma	aintenance		ı	Plant Vogtle	
			Name	_		<del></del>	Address	
4.	Identifica	ation Of System _			1201 / React	or Coolant Syst	em	
5.	(a) Applic (b)Applic	cable Construction able Edition of Sec	Code <u>ASME</u> ction XI Utilized	SEC III I For Repairs	1971 Edition, <u>Su</u> Or Replacements 1	mmer 1972 9 <u>89</u>	_ Addenda,	Code Case
6.	Identifica	ation Of Componen	ts Repairs Or F	Replacement	Components			
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	1201	WESTINGHOUSE		35	2-1201-B6-002	1982	REPLACEMENT	YES
<u> </u>								
7. 8.	Test Con		Hydrostatic Cother Coth	Pneumatic	Nominal Oper	n nozzle side ha rating Pressure st Temp.	ndhole at the support p  X  N/A  2F	late.
				CERTIFIC	ATE OF COMPLIAN	CE		
rules	of the AS	the statements ma	ide in the repor XI.	t are correct		REPLACEME repair or replace		ms to the
		nbol Stamp			. N	/A		
Certi No.	ficate of A	uthorization		N/A	Expiration D	Date	N/A	
Signe	ed <u>1</u>	Owner or Owner's	s Designee, Titl	f Mej Date		5/4	20 <u></u>	
			CE	RTIFICATE O	F INSERVICE INSPE	ECTION		
have to / corre By si exam be lia inspe	inspective mea gning this inations a able in an ection	ted the comp  O , and state asures described s certificate, neith and corrective mea	d commission and onents desc that to the be in this Owner er the Inspect sures describe personal injur	issued by the employed by ribed in st of my kno s Report in for nor his e	e national Board of Hartford Steam Boile this Owner's owledge and belief, accordance with a semployer makes an ners Report. Furtherly damage or a loss ons 64477	boiler and Pre er Inspection an Report duri the Owner ha the requirement by warranty, ex- permore, neither s of any kind	ssure vessel inspector of insurance Co. of Harng the periods performed examinates of the ASME Compressed or implied, the inspector nor his arising from or consovered and Endorsem	tord, Connecticut 10/13/99 Itions and taken Ide, Section XI.  concerning the s employer shall nected with this
Date	03-	-10	20 <u>DO</u>	-	· vanonai L	ouru, otato, Fi	ovince and Endorsem	entS

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

As Required By The Provisions Of The ASME Code Section XI

								Traveler #	99258
	1.	Owner	Southern NuclearC	Operatina Comp	anv	Date		11/29/99	
	••			Name		_			-
			40 Inverness Cent	er Parkway, Birr	mingham, AL	Sheet	1	Of	
	2.	Plant	Vogtle Electric Ger	nerating Plant		Unit _	· · · · · · · · · · · · · · · · · · ·	2	
			Waynesboro, GA	30830		MWO #		29900440	
				Address			Repair Org	janization P.O. No., J	ob No., etc.
	3.	Work Per	formed by Nuclear	Operations Ma	intenance		P	Plant Vogtle	
				Name				Address	
	4.	Identifica	tion Of System _			1201 / React	or Coolant Syste	em .	
	5.					<i>1971</i> Edition, <u>Su</u> Or Replacements 19		Addenda,1484-2	Code Case
	6.	Identifica	tion Of Component	s Repairs Or R	leplacement	Components			
		NAME	NAME	MANUFACTUR	NATIONAL			REPAIRED,	ASME CODE
	CON	OF MPONENT	OF MANUFACTURER	ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
		1201	WESTINGHOUSE	1982	34	2-1201-B6-003	1982	REPLACEMENT	YES
			·					- **-	
	7.	Description	on Of Work Installe	ed replacement	bolt on hot le	g side secondary insp	ection handhole		
	8.	Test Cond	ducted:	Hydrostatic	Pneumati	c Nominal Oper	ating Pressure	X	
			N/A 🗀	Other	Pressure	N/A PSI Tes	st Temp.	N/A ºF	
					CERTIFIC	CATE OF COMPLIAN	CE		
		-	the statements ma	•	t are correct	<del></del>	REPLACEME repair or replace		rms to the
	Туре	Code Sym	nbol Stamp			N	/A		
X		ificate of A	uthorization		N/A	Expiration i	Date	N/A	
14	No.	-1	1011D	10 . 1					
	Sign	ed	Owner or Owner's	s Designee, Tit	Mg Dat	e	12/1	19	
			****	CE	RTIFICATE	OF INSERVICE INSP	ECTION	· · · · · · · · · · · · · · · · · · ·	
		e undersig		d commission	issued by the	he national Board of	boiler and Pre	essure vessel inspect and Insurance Co. of Ha	tors and the State
	have	inspec	ted the comp	onents desc	cribed in	this Owner's	Report dur	ing the period	10/13/99
	to corre	/2-07-ective me	99, and state asures described	that to the be in this Owner	est of my kr rs Report i	nowledge and belief n accordance with	the Owner hat the requireme	as performed examinates of the ASME C	nations and taken code, Section XI.
	exan be li	ninations a	and corrective mea	sures describe	ed in this Ov ry or prope	wners Report. Furth	ermore, neithe ss of any kind	xpressed or implied r the inspector nor h arising from or co	is employer shall
1		trank c	T. Della	<u> </u>	_ Commissi				
	Date		Inspector's Signatu ยั			National	Board, State, P	rovince and Endorse	ments
		- <u> </u>			<del>-</del>				

							Traveler #	99259
1.	Owner	Southern Nuclear	Operating Comp	any	Date		11/22/99	
		40 Inverness Cent	Name ter Parkway, Birr	mingham, AL	Sheet	1	Of	1
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit		2	
		Waynesboro, GA	30830		MWO#		29902743	
			Address	· · · · · · · · · · · · · · · · · · ·		Repair Or	ganization P.O. No., Jo	ob No., etc.
3.	Work Per	formed by Nuclea	r Operations Mai	intenance		ı	Plant Vogtle	
			Name				Address	
4.	Identifica	tion Of System _			1208 / Chemical and	Volume Contro	ol System	
5.	(b)Applica	able Edition of Sec	tion XI Utilized	For Repairs	<i>1977</i> Edition, <i>Wir</i> Or Replacements 19	nter 1977 89	_ Addenda, <i>N/A</i>	Code Case
6.	Identificat	tion Of Componen	ts Repairs Or R	eplacement	Components			
co	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	1208 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K4-1208-020-02	1988	REPLACEMENT	YES
7. 8.	Description		ed replacement s  Hydrostatic  Other	Pneumati			•	
					CATE OF COMPLIANC	E	·· • · · · · · · · · · · · · · · · · ·	
rule	certify that es of the AS	the statements ma ME Code, Section	ide in the repor XI.	t are correct		REPLACEME epair or replace		ms to the
Тур	e Code Syn	nbol Stamp			N	Ά		
Cer No.		uthorization	1	N/A	Expiration D	ate	N/A	
Sigi	ned X	Owner or Owner'	Maint s Designee, Titl	Mer Dat	е	12/18	19 9 <u>5</u>	
Г			CE	RTIFICATE (	OF INSERVICE INSPI	CTION	-	
have to	rovince of e inspec 12-16-9	ted the comp	d commission and	issued by the employed be ribed in	ne national Board of y <u>Hartford Steam Boild</u> this Owner's	boiler and Pre er Inspection at Report dur	essure vessel inspector and Insurance Co. of Ha. Ing the period_ as performed examina ents of the ASME Co	rtford, Connecticut 10/15/99
By example to the second secon	signing thi minations a liable in an	s certificate, neith	ner the Inspect sures describe personal injur	tor nor his ed in this Ov ry or proper	employer makes an	y warranty, e	expressed or implied, or the Inspector nor hi I arising from or con	concerning the
	1	nspector's Signatu	ire			loard, State, P	rovince and Endorsen	nents
Dat	te <u>/2~/</u>	6	19 <u>99</u>	_				

							Traveler #	99260
1.	Owner	Southern Nuclea	r Operating Compa	any	Date	·	01/06/00	
		40 Inverness Cer	Name nter Parkway, Birm	ningham, AL	Sheet _	111	Of	I
2.	Plant	Vogtle Electric G	enerating Plant		Unit _		2	
		Waynesboro, GA			MWO#_	·	29902400	
			Address			Repair Or	ganization P.O. No., J	ob No., etc.
3.	Work Per	rformed by Nuclea	ar Operations Mair Name	ntenance			Plant Vogtle Address	
4.	Identifica	tion Of System			1202 / Nuclear Serv	ice Cooling Wa	ter System	
5.	(a) Applic (b)Applic	cable Construction able Edition of Se	n Code <u>ASME</u> ection XI Utilized I	SEC III 1 For Repairs	1977 Edition, <u>W</u> Or Replacements 1	inter 1977 9 <u>89</u>	Addenda, <i>N/A</i> _	Code Case
6.	Identifica	tion Of Compone	nts Repairs Or Re	placement	Components			
1	NAME OF UPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR	ASME CODE STAMPED
120	2 PIPING YSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K5-1202-031- 01	1988	REPLACEMENT	(YES OR NO) YES
7. 8.	Test Con		Hydrostatic  Other	Pneumatic Pressure	C Nominal Ope	rating Pressure st Temp.		-U4-031. ·
rules	of the AS	the statements m BME Code, Section Thoi Stamp		are correct		REPLACEM repair or repla		rms to the
	•	•						
No.	ificate of A	Authorization —	N	I/A	Expiration	Date	N/A	·
Sign	ed <u>KR</u>		<u>Maix</u> m r's Designee, Title		• 1/6	100	15 1 1600	
			CEI	RTIFICATE (	OF INSERVICE INSE	PECTION		
have to good correct to good c	inspective me signing the ninations able in an appetion.	Georgia cted the com on and state asures described is certificate, nei and corrective me	alid commission in and exponents describe that to the best in this Owners of the the inspector of the personal injury	issued by the employed by ribed in stof my kn s Report in or nor his d in this Ow	ne national Board or y <u>Hartford Steam Bo</u> this Owner's lowledge and belief a accordance with employer makes a wners Report. Furth try damage or a loons	f boiler and Priler inspection at Report du f, the Owner h the requirem any warranty, the of any kind	essure vessel inspectind insurance Co. of He ring the period as performed examinents of the ASME Coexpressed or implied or the inspector nor hid arising from or coefficients.	artford, Connecticut 10/15/99 lations and taken code, Section XI. I, concerning the lis employer shall nnected with this
Date	0.3 -	02	16 <u>200</u>	0				

							Traveler #	99261
1.	Owner	Southern Nuclear	Operating Comp	any	Date		11/17/99	
		40 Inverness Cent	Name er Parkway Rin	minahem Al	Sheet	1	Of	1
_				migraci, ric		<u> </u>		
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit		2	
		Waynesboro, GA	30830 Address		MWO#	Renair Orga	29902934 anization P.O. No., Jo	oh No. etc
						,	,	,
3.	Work Per	formed by Nuclear	r Operations Ma Name	intenance			ant Vogtle Address	<del></del>
4.	Identifica	tion Of System			1302 / Auxiliary	y Feedwater Syst	em	
5.	(b)Applic		tion XI Utilized	For Repairs	1977 Edition, <u>Wi</u> Or Replacements 19		Addenda, N/A	Code Case
			·		Components			
	NAME OF MPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	1302 PIPING YSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K2-1302-002-01	1988	REPLACEMENT	YES
7. 8.		-	Hydrostatic Other	Pneumatic Pressure		rating Pressure		
		t the statements ma	•	rt are correct		REPLACEME repair or replace		rms to the
Тур	e Code Syı	mbol Stamp				I/A		
Cerl No.	tificate of A	Authorization		N/A	Expiration	Date	N/A	
Sigr	ned <u>K</u>	Owner or Owner	maun's Designee, Th		· · · · · · · · · · · · · · · · · · ·	12/1	19 99	
			-	DTIFICATE	OF INSERVICE INSF	COTON		
or P have to corr By exam be ins	rovince of inspective messigning the minations	Georgia cted the comp Georgia described	ponents des that to the b in this Owner the Inspectasures describ y personal injure	issued by the second of the se	the national Board or by Hartford Steam Board of this Owner's nowledge and belief naccordance with employer makes a wners Report. Furting damage or a lotions	f boiler and Pre- iler Inspection and Report duri f, the Owner ha the requirement any warranty, ex- thermore, neither iss of any kind	ssure vessel inspect of Insurance Co. of He ing the period_ is performed examin ints of the ASME Co expressed or implied in the Inspector nor h arising from or cou	artford, Connecticut 10/18/99 nations and taken code, Section XI. I, concerning the his employer shall nnected with this
Dat	te <u>/2</u> -	-06	19 <u>9</u> 9	<del>)</del>				

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

As Required By The Provisions Of The ASME Code Section XI

								Traveler #	99262
~	1. (	Owner	Southern Nuclear	Operating Com	pany	Date		11/22/99	
			40 Inverness Cen	Name ter Parkway Bi	irminaham Al				
						Sheet _	I	Of	1
	2. F	Plant	Vogtle Electric Ge	nerating Plant		Unit _	<u>.</u>	2	
			Waynesboro, GA			MWO #		29902933	
				Address			Repair Or	ganization P.O. No., J	ob No., etc.
	3. V	Vork Pe	rformed by Nuclea		aintenance			Plant Vogtle	
				Name			-	Address	
	4. ld	dentifica	tion Of System _			1302 / Auxiliary	Feedwater Sy	stem	
	5. (a	a) Applic b)Applic	eable Construction able Edition of Sec	Code <u>ASMi</u> tion XI Utilized	E SEC III	<i>1977</i> Edition, <i>Wir</i> Or Replacements 19	nter 1977 189	_ Addenda, <i>N/A</i>	Code Case
	6. ld	dentifica	tion Of Componen	ts Repairs Or I	Replacement	Components			·
		AME OF	NAME OF	MANUFACTUR				REPAIRED.	ASME CODE
part	COMP	ONENT	MANUFACTURER	ER SERIAL	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
12/02/99	12	200	PULLMAN	NO.	N/A	2K3-1302-030-01	1988	REPLACEMENT	
3.55	PIP SYS	PING STEM	POWER PRODUCTS		į		,,,,,	TIET EXCEINENT	YES
120299									
	L								
	7. D	escrintic	n Of Work Installe	ad raplacement					
			_	_	-	s on piping flanges loc	ated at 2FE52	86	
	8. To	est Cond		HydrostaticOther	Pressure			——————————————————————————————————————	
			[]	O	-		t Temp	N/A ºF	
					CERTIFIC	ATE OF COMPLIANC	E		
	We cer	tify that	the statements ma	de in the repoi	rt are correct	and this	REPLACEME	ENT confor	ms to the
	i		ME Code, Section 2	XI.		re	epair or replac	ement	
	Type C	ode Sym	ibol Stamp			N/.	Α		
. <b>W</b> .	Certific	ate of A	uthorization	i	N/A	Expiration D	ata	N/A	
Dr. 164	No.		/						
11/22	Signed	KR	Owner or Owner's	Maut I Designee, Tit	ng Date		11/22	L 19 99	
İ		····		0.5					
						F INSERVICE INSPE			
	I, the ui or Prov	ndersigr ince of	ied, holding a valid <u>Georgia</u>	commission t	issued by the	national Board of I	boiler and Pre	ssure vessel inspecto	rs and the State
	have	inspect	ed the compo	nnents desc	ribod in	Hartioro Steam Bolle	r inspection an	<u>id Insurance Co.</u> of <u>Har</u>	tford, Connecticut
	correcti	- <i>06-9</i> ve mea	9 and state sures described i	that to the be				ing the periodi is performed examina nts of the ASME Co	
	Du sias	461.			a richart III	accordance with t	ne requireme	nts of the ASME Co	de, Section XI.
	examina	ations a	s certificate, neith nd corrective meas	er the inspect sures describe	tor nor his e ed in this Owi	mployer makes any	y warranty, e	xpressed or implied, the inspector nor his	concerning the
	be liabl inspect		manner for any	personal inju	ry or propert	damage or a loss	of any kind	r the inspector nor his arising from or conr	employer shall nected with this
	71	ank	a Sell as			CA 1/0 =			
			spector's Signatur			National Be	oard, State, Pr	ovince and Endorsem	ents
	Date	12-0	b	19 <u>99</u>	_				
_									

1. Owner						Traveler #	99263
	Southern Nuclear	Operating Comp	any	Date		11/17/99	
	40 Inverness Cent	Name er Parkway, Bin	mingham, AL	Sheet	1	Of	I
2. Plant	Vogtle Electric Ge	nerating Plant		Unit		2	
	Waynesboro, GA	30830		MWO#		29902935	
		Address			Repair Org	ganization P.O. No., Jo	b No., etc.
3. Work Per	rformed by Nuclear		intenance		F	Plant Vogtle	
		Name				Address	
4. Identifica	ation Of System _			1302 / Auxiliary	Feedwater Sys	stem	
(b)Applic	cable Construction able Edition of Secution Of Component	tion XI Utilized	For Repairs	977 Edition, <u>Wint</u> Or Replacements 19 <u>8</u>	ter 1977 3 <u>9</u>	Addenda, <u>N/A</u>	Code Case
	·	·	•	Components			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1302 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K2-1302-003-01	1988	REPLACEMENT	YES
			CEDTIEIC	ATE OF COMPLIANC	E		
We certify that	t the statements ma	de in the repor			REPLACEME	ENT confo	ms to the
rules of the AS	t the statements ma SME Code, Section			and this	REPLACEME epair or replace		ms to the
	SME Code, Section			and this	epair or replac		ms to the
rules of the AS  Type Code Syr  Certificate of A	SME Code, Section	XI.		and thisre	epair or replac		ms to the
rules of the AS Type Code Syr Certificate of A No.	SME Code, Section mbol Stamp Authorization	mant	t are correct	and this re 	epair or replac	ement	ms to the
rules of the AS  Type Code Syr  Certificate of A	SME Code, Section  mbol Stamp  Authorization	Mant s Designee, Tit	t are correct  N/A  Mey_ Date	and this re 	epair or replace	N/A	ms to the
rules of the AS Type Code Syr Certificate of A No. Signed	SME Code, Section  mbol Stamp  Authorization  Owner or Owner'	Mant s Designee, Tit	t are correct  N/A  Date  RTIFICATE C  issued by th	and this  re  N//  Expiration Da  DF INSERVICE INSPE  e national Board of the second s	epair or replace  A  ate  ////6  CCTION  booller and Pre	N/A  19 7	ors and the Stat
Type Code Syr Certificate of A No. Signed  I, the undersig or Province of have inspecto 12-02-	Authorization  Owner or Owner'  gned, holding a vall  Georgia  Sted the comp	Mand is Designee, Tit  CE  d commission  and onents described that to the be	N/A  Pare Correct  N/A  Pare Date  RTIFICATE Correct  issued by the employed by the employed in least of my known in the correct of the corre	Expiration Date of the national Board of the this Owner's owne	ate  ////6  CCTION  coller and Presert dur	N/A  19 7 S  ssure vessel inspected Insurance Co. of Ha	ors and the State
rules of the AS Type Code Syr Certificate of A No. Signed  I, the undersig or Province of have inspect to 12-02- corrective me By signing th examinations be liable in an inspection	Authorization  Owner or Owner'  gned, holding a vall  Georgia  cted the comp  asures described  is certificate, neith and corrective mea	m and some special spe	TRIFICATE Consisted in this own this own this own this own the constant of the	Expiration Date of the secondance with the secondance with the secondance of the secondance of the secondance with the secondance with the secondance with the secondance with the secondance of the secondance with the secondance with the secondance of the secondanc	ate  ////  CCTION  coller and Preserinspection are the Owner has the requirement of any kind of any kind	N/A  19 7 \( \frac{1}{2} \)  Sesure vessel inspects  and Insurance Co. of Ha  ing the performed examin	ors and the State of the State of the State of the Section X of the Section X of the Section

and the second of 
								Traveler #	99264
	1.	Owner	Southern Nuclear	Operating Comp	pany	Date		11/22/99	
			40 Inverness Cent	Name er Parkway, Bir	mingham, AL	Sheet	I	Of	1
	2.	Plant	Vogtle Electric Ge	nerating Plant		Unit		.2	
			Waynesboro, GA	30830		MWO#		29902932	
				Address			Repair Org	janization P.O. No., J	ob No., etc.
	3.	Work Per	formed by Nuclear		intenance			Plant Vogtle	·
				Name				Address	
	4.	Identifica	tion Of System _		·	1302 / Auxiliary	Feedwater Sys	tem	
	5.					<i>1977</i> Edition, <i>Wir</i> Or Replacements 19		Addenda, N/A	Code Case
	6.	Identifica	tion Of Component	ts Repairs Or F	Replacement	Components			
		NAME	NAME	MANUFACTUR	NATIONAL			REPAIRED,	ASME CODE
Sent	COM	OF APONENT /302	OF MANUFACTURER	ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
12/02/49. 12-02-49	•	<del>1200 -</del> PIPING YSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1302-030-01	1988	REPLACEMENT	YES
12-02-49									
ļ	7. 8.	Description	ducted:	ed replacement  Hydrostatic  Other	Pneumatic Pressure	N/A PSI Tes	ating Pressure at Temp.		
ts.	rules	of the AS	the statements ma				REPLACEME repair or replac	· · · · · · · · · · · · · · · · · · ·	rms to the
10)	Туре	Code Syr	nbol Stamp	· · · · · · · · · · · · · · · · · · ·		N	/A		
122 kg	Certi No.	ficate of A	uthorization —		N/A	Expiration [	Date	N/A	
, '\	Sign	ed //	Owner or Owner's		ngy Dat	e	11/5	4 19 99	
		<del>.</del>	· · · · · · · · · · · · · · · · · · ·	CI	ERTIFICATE (	OF INSERVICE INSP	ECTION		
	have to go corre	inspective mediations in an arrangement of the control of the cont	ted the comp 99, and state asures described is certificate, neith	d commission and onents des that to the b in this Owne mer the Inspec sures describe personal inju	issued by the second of the se	ne national Board of y <u>Hartford Steam Boil</u> this Owner's owledge and belief, a accordance with employer makes an ovners Report. Furth ty damage or a los	boiler and Pre ler Inspection ar Report dur , the Owner ha the requirement ny warranty, e ermore, neithe ss of any kind	essure vessel inspect and Insurance Co. of He ing the period as performed examin ints of the ASME Co expressed or implied or the Inspector nor h arising from or cor erovince and Endorse	ntford, Connecticut 10/18/99 ations and taken ode, Section XI. , concerning the is employer shall nnected with this
	Date	12-	02	19 <u>99</u>					

									Travel	ier #	99265
1.	Owner	Southern Nuclea	r Operating Compa	any		Date			02/15/0	00	
		40 Inverness Cer	Name nter Parkway, Birm	ningham, AL		Sheet	_	1	Of		1
2.	Plant	Vogtle Electric G	enerating Plant			Unit	_		2		
		Waynesboro, GA				MWO#	_		298023		
			Address					Repair Org	anization P.0	D. No., Jo	b No., etc.
3.	Work Per	formed by Nuclea	ar Operations Mair Name	ntenance					lant Vogtle Address		<del></del> .
4.	Identifica	ition Of System				1302 / Aux	dliar	y Feedwater Sys	tem		
5. 6.	(b)Applic	cable Construction able Edition of Se	ction XI Utilized I	For Repairs	Or Re	placemen			Addenda, _	N/A	Code Case
			•		T				I penais	ED I	10015 0005
l	OF ADOMENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL	BOARD		OTHER		YEAR	REPLACE	DOR	ASME CODE STAMPED
_	APONENT ALVE	ANCHOR / DARLING VALVE CO.	NO. E-9001-25-1	NO. N/A		NTIFICATIO 1302-U4-11		1980	REPLACE		(YES OR NO) YES
7. 8.	Descripti Test Con	on Of Work <u>Insta</u> ducted:	lled replacement v					the replacement		ed.	
<del></del>		N/A X	Other	Pressure		A_PSI	Te	st Temp.		_ °F	
				CERTIFIC	CATE	OF COMPL	LIAN	ICE			
		t the statements m SME Code, Section		are correct	and t	his		REPLACEME repair or replac		confo	rms to the
Туре	Code Syr	mbol Stamp						N/A			
Cert No.	ificate of A	Authorization	N	l/A		Expirat	lon	Date		N/A	
Sign	ed X	Owner or Owne	nant M r's Designee, Titl	Dat Dat	e _			2/29	98 2 2 1950 0 0		
<u> </u>			CE	RTIFICATE	OF IN	SERVICE I	NSF	PECTION			
or Pinave to _ corre	rovince of inspect of the color	Georgia  Cted the com  O , and sta  casures described  dis certificate, nel  and corrective me	alid commission and aponents desc te that to the be in this Owners ther the inspect	issued by the employed by ribed in strong krost of my krost in this Over the contract of the contract in this Over the contract in the contract	he nat this nowled n acc empl wners	tional Boal tiord Stean S Owned dge and b ordance v oyer make Report. I	rd o r's elletwith es a -urti	f boller and Pre iler inspection ar Report dur f, the Owner he the requireme any warranty, e hermore, neithe	ind Insurance ( ing the as performed ints of the in xpressed or in the Inspect	Co. of <u>Ha</u> period_ I examin ASME C implied for nor h	ors and the State rtford, Connecticut 10/18/99 ations and taken ode, Section XI., concerning the is employer shall nected with this
		Inspector's Signa	ture	_ Commissi	lons _	<i>SA</i> Natio	44 onal	97 Board, State, P	rovince and i	Endorser	ments
Dat	04-	-04	<del>-19-</del> 200	Ø				. *			

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

As Required By The Provisions Of The ASME Code Section XI

		. •				Traveler #	99266
1. Owner	Southern Nuclea	rOperating Compa	any	Date		03/07/00	
	40 Inverness Cer	Name nter Parkway, Birr	ningham, AL	Sheet	1.	Of	3
2. Plant	Vogtle Electric G	enerating Plant	······································	Unit		2	
	Waynesboro, GA	30830		MWO#		29902485	
		Address			Repair Or	ganization P.O. No., J	ob No., etc.
3. Work	Performed by Nuclea	ar Operations Mai Name	intenance			Plant Vogtle Address	<del></del> .
4. Identif	ication Of System	Humo		1203 / Component	Cooling Water		
5. (a) App (b)App	plicable Construction licable Edition of Se	ction XI Utilized	For Repairs	<i>974</i> Edition, <u>Wi</u> Or Replacements 19	nter 1975	_Addenda, <i>N/A</i>	Code Case
6. Identif	ication Of Compone			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)
VALVE	FISHER CONTROLS CO.	7785019	6382	2HV-11817	1981	REPLACEMENT	YES
	N/A X	Other		N/A PSI Tes ATE OF COMPLIAN	st Temp		
	hat the statements m ASME Code, Section		t are correct		REPLACEMI repair or replace		rms to the
Type Code	Symbol Stamp			N	I/A		
Certificate o	of Authorization	1	N/A	Expiration i	Date	N/A	
Signed 1		Mant M		•	3/8	20 <u></u>	
		CE	RTIFICATE O	OF INSERVICE INSP	ECTION		
or Province have instead of the second of th	of <u>Georgia</u> cected the com <u>6~00</u> , and state measures described this certificate, nel as and corrective me any manner for an	and ponents describe that to the best in this Owner ther the Inspectors assures describe	employed by cribed in est of my known in the critical in the content in the critical in this content in this c	y <u>Hartford Steam Bol</u> this Owner's owledge and belief accordance with employer makes a	iler inspection a Report dui to the Owner h the requirement ny warranty, elermore, neithe	essure vessel inspect  nd insurance Co. of He  ring the period_ as performed examin  ents of the ASME Co  expressed or implied or the inspector nor he if arising from or con	ntford, Connecticut 10/20/99 ations and taken code, Section XI. , concerning the is employer shall
inspertion.	w Della	مر منع	_ Commissio				
	Inspector's Signa			National	Board, State, F	Province and Endorse	ments
Date <u>04</u>	1-06	20 <u>00</u>	<del></del>				

1. Owner _	Southern Nucl	ear Operating Co	mpany	Date		11/23/99	
_	40 Inverness Cei	Name nter Parkway, Birn Ala.	ningham,	Sheet	1	Of	1
2. Plant _	Vogtle Elec	tric Generating P	Plant	Unit		2	
	Waynes	sboro, GA 30830	ı	MWO#		29903046	
_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Address			Repair Org	anization P.O. No., Jo	b No., etc.
3. Work Per	formed by <i>Nuclea</i>	ar Operations Ma	Intenance		Pi	ant Vogtle	
		Name				Address	
4. Identific	ation Of System			1204 / SAFI	ETY INJECTIO	N	
(b)Appli	icable Constructi cable Edition of S eation Of Compon	Section XI Utilize	d For Repairs	Or Replacements 19	<i>ımmer '75</i> Add 89	denda, <i>N/A</i>	Code C
NAME	NAME	MANUFACTURER	NATIONAL			REPAIRED.	ASME COD
OF COMPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED
VALVE	Rockwell International	BR140	N/A	2-1204-U4-143	1983	REPAIRED	(YES OR NO
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7. Descrip	tion Of <u>Perfor</u> nducted: N/A	med locking tack  Hydrostatic  Other	Pneumatic Pressure _	N/A PSI Test	Temp.	X N/A °F	
7. Descript Work  8. Test Co  We certify the rules of the A	nducted: N/A  at the statements SME Code, Section	Hydrostatic Other made in the repo	Pneumatic Pressure	Nominal Opera N/A PSI Test ATE OF COMPLIANC t and this	Temp.	N/A ºF Confo	rms to the
7. Descript Work  8. Test Co  We certify the rules of the A	nducted: N/A	Hydrostatic Other made in the repo	Pneumatic Pressure	Nominal Opera N/A PSI Test ATE OF COMPLIANC t and this	TempE	N/A ºF Confo	rms to the
7. Descript Work  8. Test Co  We certify the rules of the A Type Code S	nducted: N/A  at the statements SME Code, Section	Hydrostatic Other made in the repo	Pneumatic Pressure  CERTIFIC  ort are correc	Nominal Opera N/A PSI Test ATE OF COMPLIANC t and this	Temp.  E  REPAIR pair or replace	N/A ºF Confo	rms to the
7. Descript Work  8. Test Co  We certify the rules of the A Type Code S	at the statements ISME Code, Section  Authorization No.   K. L. W. Lives	Hydrostatic Other made in the repo	Pneumatic Pressure  CERTIFIC  ort are correct  N/A  Date	Nominal Opera N/A PSI Test  CATE OF COMPLIANC t and this	Temp.  E  REPAIR pair or replace	N/A ºF Confo	rms to the
7. Descript Work  8. Test Co  We certify the rules of the A  Type Code Sy  Certificate of	at the statements ISME Code, Section  Authorization No.   K. L. W. Lives	Hydrostatic Other Mande in the repo	Preumatic Pressure  CERTIFIC  ort are correct  N/A  Date	Nominal Opera N/A PSI Test  CATE OF COMPLIANC t and this	Temp.  REPAIR pair or replace I/A	N/A °F  Confo	rms to the
7. Descript Work  8. Test Co  We certify the rules of the A  Type Code Sy  Certificate of Signed  i, the undersion Province inspected the A2-07-corrective m  By signing the examinations be liable in a	at the statements ISME Code, Section of Stamp  Authorization Note that the statements of Georgia are components of Georgia	made in the report on XI.  made in the report on XI.  made in the report on XI.  made in the report of XI.  made in the report of XI.  Convalid commission of employed by described in the late that to the bed in this Owner of the inspense of the convaling of the XIII.	Pressure	Nominal Opera N/A PSI Test  CATE OF COMPLIANC  t and this  Expiration Date  Expiration Date  OF INSERVICE INSPERIE INSPE	Temp.  E  REPAIR  pair or replace  I/A  te  11/7  CCTION  cociler and President of Insurance  ceriod IO  the Owner hather requirement of IO  the requirement of IO  the requirement of IO  the owner hather requirement of IO  the re	N/A PF  Conforment  N/A  19 9 9  Secure vessel inspector Co. of Hartford, Co.	ors and t Connections are ode, Sec concerns
7. Descript Work  8. Test Co  We certify the rules of the A  Type Code Sy  Certificate of Signed  i, the undersion Province in inspected with the corrective manual consistent in the corrective manual consistent in the correction in spection of the correction of th	at the statements ISME Code, Section of Stamp  Authorization Note that the statements of Georgia are components of Georgia	made in the report on XI.  made in the report on XI.  made in the report on XI.  made in the report of XI.  made in the report of XI.  Converse described in the period of the insperiod of the i	Pressure	Nominal Opera N/A PSI Test  EATE OF COMPLIANC  t and this  Expiration Date  Expiration Date  OF INSERVICE INSPER  The national Board of the second deciral properties of the complete and belief, in accordance with the employer makes anywers Report. Further try damage or a loss one CALA	Temp.  E  REPAIR pair or replace  I/A  te  1 1 / 7  COTION  CO	Conforment  N/A  19 9 9  ssure vessel inspector ce Co. of Hartford, Co. 18-99 s performed examinates of the ASME Compressed or implied, or the inspector nor himself.	ors and the Connecticut ations and tode, Section concerning s employer nected with

							Traveler #	
1.	Owner	Southern Nuclea	rOperating Compa	any	Date		01/03/00	
			Name nter Parkway, Bim		Chash	•	-	
				ııngnam, AL	Sheet	<u></u>	Of	3
2.	Plant	Vogtle Electric G	enerating Plant	<del></del>	Unit		2	
		Waynesboro, GA	30830		MWO#	•	29903124	
			Address		_	Repair Or	ganization P.O. No., J	ob No., etc.
3.	Work Per	rformed by Nuclea	ar Operations Mair	ntenance		,	Plant Vogtle	
			Name				Address	
4.	Identifica	ition Of System	11		1202 / Nuclear Servic	e Cooling Wat	er System	
5.	(a) Applic (b)Applic	cable Construction able Edition of Se	n Code <u>ASME</u> ction XI Utilized I	SEC III 1 For Repairs	<i>974</i> Edition, <u>Win</u> Or Replacements 19	ter 1975 89	_ Addenda, <i>N/A</i> _	Code Case
6.	Identifica	tion Of Componer	nts Repairs Or Re	placement (	Components			
	NAME	NAME	MANUFACTURER				REPAIRED.	ASME CODE
CO	OF MPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
	VALVE	CROSBY VALVE & GAGE CO.	N67936-00- 0005	NA	2PSV-11766	1997	REPLACEMENT	YES
							-	
7.	Description	on Of Work <u>Instal</u>			of Form NV-1 for the r	eplacement va	alve is attached.	•
7. 8.	Description		Hydrostatic  Other	Pneumatic	Nominal Opera		X	
_		ducted:	Hydrostatic	Pneumatic Pressure _	Nominal Opera	ting Pressure Temp.	X	
8.	Test Con	ducted: N/A	Hydrostatic  Other	Pressure _	Nominal Opera N/A PSI Test ATE OF COMPLIANC	ting Pressure Temp.	NA °F	
8. We (	Test Con	ducted:	Hydrostatic Other ade in the report	Pressure _	Nominal Opera N/A PSI Test  ATE OF COMPLIANC  and this	ting Pressure Temp.	N/A °F	rms to the
8. We d	Test Con-	ducted: N/A	Hydrostatic Other ade in the report	Pressure _	Nominal Opera N/A PSI Test  ATE OF COMPLIANC  and this	ting Pressure Temp. E  REPLACEME	N/A °F	rms to the
We crule:	Test Con-	the statements m	Hydrostatic Dother Date In the report	Pressure _	Nominal Opera N/A PSI Test  ATE OF COMPLIANC  and this	eting Pressure t Temp. E REPLACEME opair or replace	N/A °F	rms to the
We crule: Type Cert No.	certify that is of the AS e Code Syr	the statements managements managements on the statements of the statement of th	Hydrostatic Other Ade in the report XI.	Pneumatic Pressure _ CERTIFIC are correct	Nominal Opera N/A PSI Test  ATE OF COMPLIANC  and this  re  N//  Expiration Da	eting Pressure t Temp. E REPLACEME opair or replace	N/A °F  ENT conforcement  N/A	rms to the
8. We crule:	certify that is of the AS e Code Syr	the statements mander of the Statements mander of the Stamp	Hydrostatic Dother Date In the report	Pneumatic Pressure _  CERTIFIC  are correct	Nominal Opera N/A PSI Test  ATE OF COMPLIANC  and this  re  N//  Expiration Da	eting Pressure t Temp. E REPLACEME opair or replace	ENT conforcement  N/A  19 2000	rms to the
We crule: Type Cert No.	certify that is of the AS e Code Syr	the statements mander of the Statements mander of the Stamp	Ade in the report XI.  Note the second of th	Pneumatic Pressure _ CERTIFIC/ are correct	Nominal Opera N/A PSI Test  ATE OF COMPLIANC  and this  re  N//  Expiration Da	E  REPLACEME  Papair or replace  A  ate	N/A °F  ENT conforcement  N/A	rms to the
We crule: Type Cert No.	certify that is of the AS e Code Syr	the statements mander of the Statements mander of the Stamp	Ade in the report XI.  Note the second of th	Pneumatic Pressure _ CERTIFIC/ are correct	Nominal Opera N/A PSI Test  ATE OF COMPLIANC  and this  re  N//  Expiration Da	E  REPLACEME  Papair or replace  A  ate	ENT conforment  N/A  19  2000	rms to the
We crules Type Cert No. Sign	certify that is of the AS e Code Syrtificate of A	the statements make Code, Section authorization  When the statements make the statement make the state	Ade in the report  XI.  N  1 cuit Mg 's Designee, Title	Pneumatic Pressure CERTIFIC  are correct	Nominal Opera N/A PSI Test ATE OF COMPLIANC and this Expiration Da F INSERVICE INSPE	REPLACEME  REPLACEME  Pair or replace  A  A  CTION  CORRECT AND PRESENTED AND PRESENTE	N/A PF  ENT conforment  N/A  19 2000  1 < R + 1/5 / 2000  essure vessel inspecti	ors and the St
We crules Type Cert No. Sign	certify that is of the AS e Code Syrtificate of A	the statements managements of the statements of the statement of the st	ade in the report  XI.  N  1 cuit Mg 's Designee, Title  CEF  lid commission is and e	Pneumatic Pressure CERTIFIC  are correct  A  A  CTIFICATE O  ssued by the	Nominal Opera N/A PSI Test ATE OF COMPLIANC and this  Expiration Da  F INSERVICE INSPE  In national Board of the Hartford Steam Boile	E  REPLACEME  Palir or replace  A  ate  CTION  Coller and Prescrinspection as	N/A SF  ENT conforment  N/A  19 7000  1 (% * 1/5/2000)  essure vessel inspected insurance Co. of Ha	ors and the Sta
We crule: Type Cert No. Sign	certify that is of the AS e Code Syrtificate of A ned e undersig	the statements mander of the statements mander of the code, Section of the code, Section of the code, Section of the code, Section of the code, and state of the code, and state	Ade in the report  Ade in the report  XI.  N  CEF  Iid commission is and exponents descrete that to the best	Pneumatic Pressure CERTIFICA are correct  AA  Pare Correct  AA  CRIFICATE Of the comployed by the comployed by the complete of the correct of the comployed by the complete of the correct	Nominal Opera N/A PSI Test ATE OF COMPLIANC and this Expiration Da Expiration Da F INSERVICE INSPE e national Board of the Hartford Steam Boilet Day of the Day of th	REPLACEME  REPLACEME  Pair or replace  A  A  CTION  COILER and Pressure  Inspection dur  The Owner by	N/A SF  ENT conforment  N/A  19 2000  1(***)  1(***)  Passure vessel inspected insurance Co. of Ha	ors and the Sta
We control of the second of th	certify that is of the AS e Code Syrtificate of A med e undersignation of e inspective measures signing thin inations a lable in articion.	the statements managements of the statements of the statement of the	ade in the report  XI.  Note and in the report  XI.  Note and and and and apponents descrete that to the best in this Owners abures described assures described	Pneumatic Pressure CERTIFICA are correct:  AA  Pate CRIFICATE Of the comployed by the comployed by the complete of my known are correct in this Own or property or property	Nominal Opera N/A PSI Test ATE OF COMPLIANC and this  Expiration Da  F INSERVICE INSPE  a national Board of the Hartford Steam Boile this Owner's owledge and belief, accordance with the proper makes any mers Report. Furtherly damage or a loss	REPLACEME  REPLACEME  Pair or replace  A  ate  CTION  COTION	N/A °F  ENT conforcement  N/A  19 2000    (R +	ors and the Sta rtford, Connection 10/20/99 ations and take ode, Section )
We control of the second of th	certify that is of the AS e Code Syrtificate of A inspective measurements and the control of the	the statements managements of the statements of the statement of the	Ade in the report  ade in the report  XI.  Note:  N	Pneumatic Pressure Pressure CERTIFICA  are correct:  A  A  CRTIFICATE Of the comployed by the comployed by the complete of the	Nominal Opera  N/A PSI Test  ATE OF COMPLIANC  and this  Expiration Da  F INSERVICE INSPE  e national Board of the Hartford Steam Boile this Owner's powledge and bellef, accordance with the property of the	REPLACEME  REPLACEME  Pair or replace  A  ate  CTION  COILOR and Pre-  Inspection are  Report dur  the Owner has  he requirement  y warranty, e  rmore, neithe  of any kind	N/A 2F  ENT conforment  N/A  19 2000  I (R + I/S / 2000)  essure vessel inspecting the period as performed examinations of the ASME Conspressed or implied, as the inspector nor high t	ors and the Sta rtford, Connectio 10/20/99 ations and take ode, Section ) concerning the is employer shall nected with the

						Traveler #	99272
1. Owner	Southern Nuclear	Operating Comp	anv	Date		11/17/99	
•	40 Inverness Cent	Name		Sheet	1	Of	1
2. Plant	Vogtle Electric Ge			Unit		2	
	Waynesboro, GA	30830		MWO#		29902568	
	Wayilesbolo, GA	Address			Repair Org	anization P.O. No., J	ob No., etc.
3. Work Pe	rformed by Nuclea	r Operations Ma	intenance		P	lant Vogtle	
	-	Name				Address	
4. Identifica	ation Of System			1205 / Residual I	Heat Removal Sy	ystem	<del></del>
(b)Applic		tion XI Utilized	For Repairs	<i>1977</i> Edition, <i>Wii</i> Or Replacements 19 Components		Addenda, N/A	Code Case
NAME	NAME	MANUFACTUR	NATIONAL			REPAIRED,	ASME CODE
OF COMPONENT	OF MANUFACTURER	ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
1205 PIPING SYSTEM	PULLMAN POWER PRODUCTS	NA	NA	2K3-1205-006-01	1988	REPLACEMENT	YES
<del></del>							
7. Descripti 8. Test Con		Hydrostatic Other	Pneumati Pressure	N/A PSI Tes	rating Pressure st Temp.		
•	t the statements ma SME Code, Section	•			CE  REPLACEME repair or replac		rms to the
Type Code Sy	mbol Stamp	·····			I/A		
Certificate of . No.	Authorization		N/A	Expiration	Date	N/A	
Signed K	Holms -	mant 1	hy Dat	te	11/17	19 9 <u></u>	
	Owner or Owner	's Designee, II	rier				
		C	ERTIFICATE	OF INSERVICE INSP	PECTION		
or Province of have inspected in the ins	f <u>Georgia</u> cted the com -99, and stat	ponents des e that to the b	l employed b cribed in est of my ki	y <u>Hartford Steam Bo</u> this Owner's nowledge and belief	<i>iler Inspection ar</i> Report dur f, the Owner ha	essure vessel inspect and insurance Co. of Ha ing the period as performed examinates ants of the ASME (	artford, Connecticut 10/21/99 nations and taken
examinations	and corrective me any manner for an	asures describ y personal inju	ed in this O	wners Report. Furti rty damage or a lo	nermore, neithe ss of any kind	expressed or implied or the inspector nor it arising from or co rovince and Endorse	nis employer shall nnected with this
Date /2-	Inspector's Signal			National	Board, State, P	rovince and Endorse	ments
Jate /A			<u>_</u>				

						Traveler #	99273
1. Owner	Southern Nuclear		any	Date _		12/16/99	
	40 inverness Cent	Name er Parkway, Bin	mingham, AL	Sheet _	I	Of	1
2. Plant	Vogtle Electric Ge	nerating Plant		Unit _		2	
	Waynesboro, GA	30830		MWO#		29902622	
		Address		_	Repair Orç	janization P.O. No., J	ob No., etc.
3. Work Pe	rformed by Nuclea	r Operations Ma Name	intenance		F	Plant Vogtle Address	
4. Identific	ation Of System			1205 / Residual	Heat Removal S	ystem	
(b)Appli	cable Construction cable Edition of Sec ation Of Componen	Code <u>ASME</u> tion XI Utilized	SEC III For Repairs	1977 Edition, <u>W</u> Or Replacements 1		_Addenda, <i>N/A</i>	Code Case
				-			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1205 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1205-009-01	1988	REPLACEMENT	YES
8. Test Coi	nducted: N/A X	Hydrostatic	Pressure		erating Pressure		
	at the statements ma SME Code, Section				REPLACEMI repair or replacement		orms to the
Type Code Sy	mbol Stamp				V/A		
Certificate of No.	Authorization	1	N/A	Expiration	Date	N/A	
Signed Z	Owner or Owner	s Maint	Mey Dat	te	1/3)	Ken 00 1/3/00	
<u> </u>						7 4 700	
		CE	RTIFICATE	OF INSERVICE INSI	PECTION	·· <u></u>	
or Province on have inspendent of the language	f <u>Georgia</u> cted the comp 2-00 , and state	and conents desc that to the be	employed b cribed in est of my kr	y <u>Hartford Steam Bo</u> this Owner's nowledge and belie	<u>iler inspection ar</u> Report dur f. the Owner h	essure vessel inspec ond insurance Co. of <u>H.</u> ing the period as performed examinates of the ASME (	artford, Connecticut 10/21/99 nations and taken
examinations be liable in a	and corrective mea	asures describe	ed in this Ov	wners Report. Furti	hermore, neithe	expressed or implied or the inspector nor it is arising from or co	nis employer shall
inspection.		ai)	_ Commiss	ions <u>CA 49</u>			
	inspector's Signat	_		National	Board, State, P	rovince and Endorse	ments
Date <u>03</u>	- 02	ys <u>200</u>	<u>o</u>				

							Traveler #	99274
1.	Owner	Southern Nuclea	r Operating Compa	any	Date		08/15/00	<del></del>
		40 Inverness Cer	Name nter Parkway, Birm	ingham, AL	Sheet		Of	3
2.	Plant	Vogtle Electric G	enerating Plant	<del></del>	Unit _		2	····
		Waynesboro, GA	30830 Address		MWO # _	Panais Osas	29901788 anization P.O. No., Jo	oh No. etc
						•		ob 110., 610.
3.	Work Per	formed by Nuclea	ar Operations Mair Name	tenance			ant Vogtle Address	
4.	identifica	tion Of System			1208 / Chemical and	d Volume Control	System	
5.		able Construction able Edition of Se			<i>1974</i> Edition, <i><u>N</u> Or Replacements 19</i>	⁄A 9 <u>89</u>	Addenda, <u>N/A</u>	Code Case
6.	Identifica	tion Of Compone	nts Repairs Or Re	placement	Components			
	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	FISHER CONTROLS CO.	9318722	2628	2FV-0121	1985	REPLACEMENT	YES
				, , ,				
rule	Test Con		Hydrostatic Other Other	Pneumatic Pressure CERTIFIC	ATE OF COMPLIAN	rating Pressure st Temp. ICE REPLACEMEN	N/A °F	orms to the
••	a Cada Cu	•	•			Repair or replac		
Cert No.	•	mbol Stamp		√A ·		 √A	N/A	
No.	•	Authorization		Ney~_ Dat	Expiration	V/A Date	N/A ≥ 20 <u>&amp;</u>	
No.	tificate of A	Authorization	M oint w	<u>Vey</u> Dat	Expiration	VA Date  \$\frac{1}{5}		

						Traveler #	99275
1. Owner	Southern Nuclear	Operating Compa	any	Date		11/17/99	
	40 Inverness Cent	Name er Parkway, Birr	ningham, AL	Sheet	I	Of	3
2. Plant	Vogtle Electric Ge			Unit		2	
<b>L</b>	Waynesboro, GA			MWO#		29802005	
	waynesboro, GA	Address		M460#	Repair Org	anization P.O. No., Jo	b No., etc.
3. Work Pe	rformed by Nuclea	r Operations Ma	intenance			lant Vogtle	
		Name				Address	
4. Identifica	ation Of System _			1208 / Chemical and	Volume Contro	l System	
5. (a) Appli	cable Construction	Code <u>ASME</u>	SEC III :	<i>1977</i> Edition, <i>Wil</i> Or Replacements 19	nter 1977 189	Addenda, N/A	Code Case
	ation Of Componen						
NAME	NAME	MANUFACTUR	NATIONAL			REPAIRED,	ASME CODE
OF COMPONENT	OF MANUFACTURER	ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
VALVE	FISHER CONTROLS CO.	5945210	2938	2HV-8149A	1978	REPLACEMENT	YES
8. Test Cor	nducted: N/A X	HydrostaticOther	Pressure	C Nominal Oper N/A PSI Ter  CATE OF COMPLIAN	st Temp		
	at the statements m SME Code, Section		rt are correct	t and this	REPLACEMI repair or replac		rms to the
Type Code Sy	mbol Stamp			<u> </u>	I/A		
No	Authorization		N/A	Expiration	Date	N/A	
Signed X	Owner or Owner		10 Pyc. Da	te	11/27	19 99	
		-	FRTIFICATE	OF INSERVICE INSF	ECTION		
<u> </u>		La!					
or Province of have inspectorective m  By signing texaminations be liable in inspection.	of <u>Georgia</u> ected the com  - ) , and state leasures described this certificate, neise and corrective me	lid commission and ponents des te that to the b in this Owner ther the Inspect	n issued by to demployed to scribed in est of my kers Report in the ctor nor his ed in this Oury or prope	he national Board on by Hartford Steam Boothis Owner's nowledge and belief naccordance with employer makes a wners Report. Furthy damage or a lo	f boiler and Pri iler Inspection a Report du f, the Owner h the requirem my warranty, onermore, neithe	essure vessel inspect nd Insurance Co. of He iring the period as performed examinated ents of the ASME Companies expressed or implied ar the inspector nor for d arising from or com	nations and take code, Section is employer si
or Province of have inspecto	of <u>Georgia</u> ected the com  - ) , and state leasures described this certificate, neise and corrective me	lid commission and aponents des te that to the b in this Owne ther the Inspectoration by personal injury	issued by to demployed to scribed in lest of my kers Report in this odd in this O	he national Board or by Hartford Steam Boothis Owner's nowledge and belief naccordance with employer makes awners Report. Furtivity damage or a locations	f boiler and Pro- iler Inspection a Report du f, the Owner h the requirements any warranty, onermore, neithers ss of any kind	nd Insurance Co. of Ha iring the period as performed examin ents of the ASME Co expressed or implied er the inspector nor h	nations and take the code, Section is concerning its employer sinnected with the concerning is employed in the concerning is employed in the concerning is employed in the concerning in the concerning in the concerning is employed in the concerning in the con
or Province of have inspecto 5-15 corrective m  By signing texaminations be liable in inspection.	dected the complete described the certificate, neignand corrective meany manner for an inspector's Signa	lid commission and aponents des te that to the b in this Owne ther the Inspectoration by personal injury	issued by to demployed to scribed in est of my kers Report in the ctor nor his ed in this Oury or prope	he national Board or by Hartford Steam Boothis Owner's nowledge and belief naccordance with employer makes awners Report. Furtivity damage or a locations	f boiler and Pro- iler Inspection a Report du f, the Owner h the requirements any warranty, onermore, neithers ss of any kind	nd Insurance Co. of Ha iring the period as performed examinents of the ASME Co expressed or implied or the Inspector nor had arising from or con	nations and tal code, Section , concerning ils employer si nnected with t

					Traveler #	99276
Southern Nuclear	Operatina Comp	anv	Date		11/16/99	
	Name		_			
40 Inverness Cen	ter Parkway, Bin	mingham, AL	Sheet	1	Of	
Vogtle Electric Ge	nerating Plant		Unit		.2	<del></del>
Waynesboro, GA			MWO #		29902034	
	Address			Repair Orga	anization P.O. No., Jo	ob No., etc.
formed by Nuclea	r Operations Mai	intenance		PI	ant Vogtle	
	Name		'		Address	
tion Of System _			1208 / Chemical and	Volume Control	System	·
					Addenda, N/A	Code Case
tion Of Componen	ts Repairs Or R	eplacement	Components			
NAME	MANUFACTUR	NATIONAL	l I	<u>.</u>	REPAIRED,	ASME CODE
OF MANUFACTURER	ER SERIAL NO	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1208-116-01	1988	REPLACEMENT	YES
ducted: N/A X	ed replacement	Pneumatic Pressure	C Nominal Opera	ating Pressure t Temp CE	N/A ºF	
the statements ma ME Code, Section	•	t are correct		REPLACEME epair or replace		rms to the
	•		r			rms to the
ME Code, Section	XI.		r	epair or replace		rms to the
ME Code, Section	Mant	- nive	Rypiration D	epair or replace	ement	rms to the
ME Code, Section  nbol Stamp  uthorization	Mant /	N/A N/y Dat	Rypiration D	epair or replace /A Date	ement N/A	rms to the
	Vogtle Electric Ge  Waynesboro, GA  formed by Nuclea  tion Of System  able Construction able Edition of Sec  tion Of Componen  NAME OF  MANUFACTURER  PULLMAN POWER PRODUCTS  on Of Work Install	Vogtle Electric Generating Plant  Vogtle Electric Generating Plant  Waynesboro, GA 30830  Address  formed by Nuclear Operations Ma. Name  tion Of System  able Construction Code ASME able Edition of Section XI Utilized  tion Of Components Repairs Or R  NAME GF MANUFACTURER SERIAL NO.  PULLMAN NO.  PULLMAN NO.  PULLMAN NO.  POWER PRODUCTS  On Of Work Installed replacement  ducted: Hydrostatic	Vogtle Electric Generating Plant  Waynesboro, GA 30830 Address  formed by Nuclear Operations Maintenance Name  tion Of System  able Construction Code ASME SEC III able Edition of Section XI Utilized For Repairs tion Of Components Repairs Or Replacement  NAME OF SERIAL NO.  PULLMAN POWER PRODUCTS  ANA INSTALL NA NA  POWER PRODUCTS  On Of Work Installed replacement studs and nuticidated:  N/A X Other Pressure	Vogtle Electric Generating Plant  Waynesboro, GA 30830 Address  formed by Nuclear Operations Maintenance Name  tion Of System 1208 / Chemical and able Construction Code ASME SEC III able Edition of Section XI Utilized For Repairs Or Replacements 19 tion Of Components Repairs Or Replacement Components  NAME GAND OTHER SERIAL NO. PULLMAN NO. PULLMAN NO. PULLMAN NO. POWER PRODUCTS  On Of Work Installed replacement studs and nuts on piping flanges located: N/A X Other Pressure N/A PSI Test  CERTIFICATE OF COMPLIANCE   Vogtle Electric Generating Plant	Vogtle Electric Generating Plant	

						Traveler #	99277
1. Owner	Southern Nuclear	Operatina Comp	anv	Date		11/22/99	
	40 Inverness Cen	Name			. 1		1
2. Plant	Vogtle Electric Ge	nerating Plant		Unit _		2	
	Mounachara CA	20220		*****		00000740	
	Waynesboro, GA	Address		MWO # _	Repair Ord	29902742 ganization P.O. No., J	ob No., etc.
						•	
3. Work Pe	rformed by <u>Nuclea</u>	<i>r ∪perations Mai</i> <b>Name</b>	ntenance	·		Plant Vogtle Address	·
4 1-1							
4. Identifica	ition Of System			1208 / Chemical and	Volume Contro	ol System	
(b)Applic	able Edition of Sec	tion XI Utilized	For Repairs	1977 Edition, <u>Wi</u> Or Replacements 19	nter 1977 9 <u>89</u>	Addenda, N/A	Code Case
6. Identifica	ition Of Componen	ts Repairs Or R	epiacement	Components			
NAME	NAME	MANUFACTUR	NATIONAL	1	<del> </del>	REPAIRED,	ASME CODE
OF COMPONENT	OF MANUFACTURER	ER SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)
1208 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2J4-1208-037-01	1988	REPLACEMENT	YES
				·			
<del></del>		<u></u>					
7. Descripti	on Of Work <u>Install</u>	ed replacement s	studs and nu	ts on piping flanges lo	cated at 2FE015	56.	
8. Test Con	ducted: N/A X	Hydrostatic  Other	Pneumati Pressure		ating Pressure at Temp.		
	***	<del></del>	CERTIFIC	CATE OF COMPLIAN	CE		
	the statements ma		t are correct	and this	REPLACEME	ENT confo	rms to the
rules of the AS	ME Code, Section	XI.		1	repair or replac	ement	
Type Code Syr	mbol Stamp		•	N	/A		
Certificate of A	Authorization	1	V/A	Expiration I	Date	N/A	
No.	2011 -	<b>.</b>		<del></del>	,		
Signed 1	Owner or Owner'	namt N s Designee, Titi	ngn_ Dat	e	11/24	19	
		CE	RTIFICATE	OF INSERVICE INSP	ECTION		
l the undersign	mad halding a val	ld	1				
or Province of	ned, nolding a val <i>Georgia</i>	and	employed by	he national Board of Ny Hartford Steam Boi	boiler and Pre ler inspection ar	essure vessel inspect and Insurance Co. of Ha	ors and the State
have inspec		onents desc	ribed in	this Owner's	Report dur	ing the period	10/24/99
to /2-02 - corrective me	99, and state asures described	that to the be in this Owner	est of my kr 's Report in	nowledge and belief n accordance with	, the Owner ha the requireme	as performed examin ents of the ASME C	ations and taken
1							
be liable in a inspection.	and corrective mea	asures describe	ed in this Ov ry or prope	vners Report. Furth rty damage or a los	ermore, neithers s of any kind	xpressed or implied r the inspector nor h arising from or cor	is employer shall
trank	Inspector's Signatu	Ire /	_ Commissi	ons GA 497	Poord Ctate C	avines and Fada	
	02		_	national i	ovard, State, Pi	rovince and Endorsei	THEATS
L							

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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 #	99278
Owner	Southern Nuclea		any	Date	-	01/23/01	
	40 Inverness Ce		ningham, AL	Sheet	1	Of	1
Plant	Vogtle Electric G	enerating Plant		Unit		2	···
	Waynesboro, GA		<del> </del>	MWO#		<i>299</i> 02632	
		Address			Repair (	Organization P.O. No., J	ob No., etc.
Work Pe	rformed by Nucle	ar Operations Mail Name	ntenance			Plant Vogtle	
identifica	ation Of System			1208 / Chemica	ıl and Volume Cor		
					Winter 1977 ts 19 <u>89</u>	Addenda, N/A	Code Case
Identifica	ation Of Compone	nts Repairs Or Re	placement	Components			
NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
08 PIPING SYSTEM	PULLMAN POWER PRODUCTS	NO. N/A	N/A	·	**************************************	REPLACEMENT	(YES OR NO) YES
of the AS Code Syn	the statements m ME Code, Section	ade in the report	CERTIFIC	ATE OF COMPL and this Expirat	REPLACE repair or repi N/A	MENT Confo	orms to the
eu	Owner or Owne	r's Designee, Title	Dat	(8	1/0	20 0	
		CEF	RTIFICATE (	OF INSERVICE II	NSPECTION		
undersigi	ned, holding a val	id commission is	sued by the	national Board	of boiler and Pre	essure vessel inspector nsurance Co. of <u>Hartford</u>	s and the State or
	Plant  Work Pe  Identifica  (a) Applic  Identifica  NAME OF MPONENT  OF MPONENT  OF MPONENT  Test Con  certify that s of the AS code Syn  ificate of A  ed	Plant Vogtle Electric G  Waynesboro, GA  Work Performed by Nucle  Identification Of System  (a) Applicable Construction (b) Applicable Edition of Sel  Identification Of Compone  NAME OF OF MANUFACTURER  OF MANUFACTURER  OF MANUFACTURER  POWER  PRODUCTS  Description Of Work Insta  Test Conducted:  N/A X  Certify that the statements me of the ASME Code, Section of Code Symbol Stamp  Ifficate of Authorization No.  ed Owner or Owne	Plant  Vogtle Electric Generating Plant  Waynesboro, GA 30830  Address  Work Performed by Nuclear Operations Main Name  Identification Of System  (a) Applicable Construction Code ASME (b) Applicable Edition of Section XI Utilized I Identification Of Components Repairs Or Reform NAME OF OF SERIAL NO.  NAME OF OF SERIAL NO.  POWER PRODUCTS  Description Of Work Installed replacement Serial Code N/A X Other  Certify that the statements made in the report of the ASME Code, Section XI.  Code Symbol Stamp  Ifficate of Authorization No.  Owner or Owner's Designee, Title CERT	Name 40 Inverness Center Parkway, Birmingham, AL  Plant  Vogtle Electric Generating Plant  Waynesboro, GA 30830  Address  Work Performed by Nuclear Operations Maintenance Name  Identification Of System  (a) Applicable Construction Code ASME SEC III (b)Applicable Edition of Section XI Utilized For Repairs  Identification Of Components Repairs Or Replacement  NAME OF	Name  ### A0 Inverness Center Parkway, Birmingham, AL    Vogtle Electric Generating Plant	Name  40 Inverness Center Parkway, Birmingham, AL  Plant  Vogtle Electric Generating Plant  Waynesboro, GA 30830  Address  Work Performed by Nuclear Operations Maintenance Name  Identification Of System  1208 / Chemical and Volume Cor  (a) Applicable Construction Code (b) Applicable Edition of Section XI Utilized For Repairs Or Replacements 1989  Identification Of Components Repairs Or Replacement Components  NAME OF SERIAL BOARD NO. BOARD NO. BOARD POWER PRODUCTS  Description Of Work Installed replacement studs and nuts on piping flanges at inlet to letdor  Test Conducted: N/A   X   PS    Test Temp.  CERTIFICATE OF COMPLIANCE  REPLACE repair Of  Repair Of R	Name 40 Inverses Center Parkway, Birmingham, AL Plant Vogite Electric Generating Plant Waynesboro, GA 30830 Address Repair Organization P.O. No., J Work Performed by Nuclear Operations Maintenance Name Name Name Address Identification Of System Identification Of Section XI Utilized For Repairs Or Replacements 1989 Identification Of Components Repairs Or Replacement Components  NAME OF OF OF OF OF OF OF OF NO. NAMUPACTURER NATIONAL BOARD NO.

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									Travele	r#	99279
4	Owner	Southern Nuclear	Operating Compat	nv.		Date			04/06/01		
1.	Owner	40 Inverness Cent	Name			Sheet		1	Of		1
2.	Plant	Vogtle Electric Ge	nerating Plant			Unit			2		
_,		Waynesboro, GA				MWO#			29902633		
		vvayilesbolo, GA	Address					Repair Or	ganization P.O.	No., Jo	b No., etc.
3.	Work Peri	formed by Nuclea	r Operations Maint Name	tenance					Plant Vogtle Address		
4.	Identificat	ion Of System			120	8 / Chemica	al and V	olume Contro	ol System		
5.	(a) Applic (b)Applica	able Construction able Edition of Sec	Code <u>ASME</u>			Edition, lacements	Winter 19 <u>89</u>	1975	_ Addenda,	N/A	Code Case
6.	Identificat	tion Of Componen	ts Repairs Or Rep	olacement (	Compo	nents					
	NAME OF IPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.		OTHER INTIFICATIO	on I	YEAR BUILT	REPAIRE REPLACED REPLACEN	OR	ASME CODE STAMPED (YES OR NO)
1	HEAT HANGER	JOSEPH OAT CORPORATION	2322-4B	1055	_	1208-E6-00		1978	REPLACEN	MENT	YES
					1			·			:
		N/A X	Hydrostatic Other	Preuma Pressure CERTIFI	N//	Nominal A PSI OF COMPL	Test	ing Pressur remp.		۴	1
			ide in the report a	re correct	and thi	s		REPLACEME		_ Confo	orms to the
ı ype	Code Sym	ME Code, Section	XI.				re	oair or repla		_ Confa	orms to the
Corti	•	ME Code, Section	XI.				re <sub> </sub>	oair or repla			orms to the
Certi Sign	ficate of A	ME Code, Section  nbol Stamp  uthorization No.	XI.	N/A			re <sub> </sub>	oair or repla		N/A	orms to the
	ficate of A	ME Code, Section  nbol Stamp  uthorization No.	XI.  Main Mair's Designee, Titl	N/A +. F. Di	ate	Expiral	re N/A tion Dat	oair or repla	cement	N/A	orms to the
I, the Provinspeto	e undersigned of the	ME Code, Section  nbol Stamp  uthorization No  Owner or Owne  ned, holding a val  Georgia  ne components  of and sta	XI.  Main Main Main Y's Designee, Title  CE  id commission is  and emptor and emptor described the state to the book of the state of th	RTIFICATE sued by the bloyed by the set of my	e OF IN	Expirate SERVICE I Conal Board Steam Bo Dwner's Edge and	rel N/A tion Dat NSPEC of boi iler Insp Repor belief,	TION  ler and Presection and Interest during the Owner	20 <u>{</u> ssure vessel insurance Co. of the perihas performed	N/A  Spectors  Hartford  iod  examin	s and the State or <u>f. Connecticut</u> have 10/27/00 nations and taken
I, the Provinspet to Sexan be liinsp	e undersigning the signing the signing and signing the signing the signing are signing the signinual signing the signing the signing the signing the signing the s	ME Code, Section  abol Stamp  uthorization No.  Owner or Owne  ned, holding a val  Georgia  ne components  assures described  is certificate, nei  ned corrective me  ne manner for an	XI.  Main Main Main Main Main Main Main Main	RTIFICATE sued by the bloyed by the set of my seport or nor his din this O	TOF IN THE PROPERTY OF THE PRO	Expirate  SERVICE I  onal Board  Steam Bo  bwner's  edge and l  ordance v  oyer make  Report. I	N/A tion Dat  NSPEC  of boi iler Insp Repor belief, with thes any further	TION  ler and Presection and Interesting the Owner erequirem  warranty, more, neither	20	N/A  Spectors Hartford iod_ examin SME Colimplied or nor h	s and the State or <u>1. Connecticut</u> have

							Traveler #	99280
1.	Owner	Southern Nuclear	Operating Compa	anv	Date		12/08/99	
••	O Milion		Name			1	Of	1
		40 Inverness Cent	er Parkway, birn	ningnam, AL	Sheet			
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit		2	
		Waynesboro, GA			MWO #		29902741	-h No -As
			Address			Repair Org	ganization P.O. No., J	ob No., etc.
3.	Work Per	formed by Nuclea	<i>r Operations Mai</i> Name	ntenance			Plant Vogtle Address	
					4000 / Ob amain all ama			
4.		ition Of System _			1208 / Chemical and		or System	
5.	(a) Applic	cable Construction	Code ASME	SEC III	1977 Edition, Will Or Replacements 19	nter 1977	Addenda, N/A	Code Case
						<u>, 22</u>		
6.	Identifica	ition Of Componen	ts Repairs Or R	eplacement	Components			
	NAME OF	NAME OF	MANUFACTUR ER	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
co	MPONENT	MANUFACTURER	SERIAL NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
	1208	PULLMAN POWER	N/A	N/A	2K4-1208-041-01	1988	REPLACEMENT	YES
	PIPING SYSTEM	PRODUCTS				: 		
<u> </u>		<u></u>	<u> </u>		`		_!	
7.	Descripti	on Of Work <u>Install</u>	led replacement :	studs and nu	ts on piping flanges at	t 2FE-0154.		
8.	Test Con	ducted:	Hydrostatic	Pneumati		rating Pressure		
		N/A X	Other	Pressure	N/A PSI Tes	st Temp.	N/A ºF	
				CERTIFIC	CATE OF COMPLIAN	CE		
We	certify tha	t the statements m	ade in the repor	t are correc	t and this	REPLACEM	ENT confo	rms to the
rule	s of the A	SME Code, Section	XI.			repair or replac	cement	
Тур	e Code Sy	mbol Stamp				VA		
Cer	tificate of	Authorization		N/A	Expiration	Date	N/A	
No.		0 11 /1 -				·		
Sig	ned K	2 Dafres	manti	My_Da	te	12/1	D 19 94	
		Owner or Owner	's Designee, Tit	le //			<del></del>	
Г			CE	RTIFICATE	OF INSERVICE INSE	PECTION		
  L 12	e undersi	aned. holding a va	lid commission	issued by t	the national Board o	f boiler and Pr	essure vessel inspec	tors and the State
or I	Province o	f <u>Georgia</u>	and	employed I	y <u>Hartford Steam Bo</u>	iler Inspection a	nd Insurance Co. of H	artford, Connecticut
hav to				cribed in est of my k			ring the period_ las performed examil	10/28/99 nations and taken
cor	rective me	easures described	in this Owne	rs Report	in accordance with	the requirem	ents of the ASME	Code, Section XI.
Ву		nie cortificato noi	ther the Inspec	tor nor his	employer makes a	ny warranty,	expressed or implied	d concerning the
	signing ti	nis certificate, ner			· · · · · · · · · · · · · · · · · · ·			i, concenning the
exa be	minations	and corrective me	asures describ	ed in this O	wners Report. Furti	hermore, neithers of any kine	er the inspector nor i d arising from or co	nis employer shall
be	minations liable in a dection.	and corrective me any manner for an	asures describ	ed in this O ry or prope	wners Report. Furtherty damage or a lo	hermore, neithers of any kind	er the inspector nor i d arising from or co	nis employer shall
be	minations liable in a	and corrective me any manner for an	easures describ y personal inju	ed in this O	wners Report. Furtlerty damage or a losions 6447	ss of any kind	er the inspector nor in a contract of the desired from or contract of the cont	nis employer shall nnected with this
be in:	minations liable in a dection.	and corrective me any manner for an Alla Inspector's Signat	easures describ y personal inju	ed in this O iry or prope Commiss	wners Report. Furtlerty damage or a losions 6447	ss of any kind	d arising from or co	nis employer shall nnected with this

						Traveler #	99282
1. Owner	Southern NuclearC	Doeratina Compa	⊇nv	Date		11/08/99	
••	40 Inverness Cente	Name		Sheet	I	Of	1
			migricani, ric	_	<del>1</del>		
2. Plant	Vogtle Electric Ger	nerating Plant		Unit		2	
	Waynesboro, GA	30830 Address		MWO #	Repair Ord	29903364 ganization P.O. No., Jo	ob No., etc.
							,
3. Work Pe	rformed by <u>Nuclear</u>	Name	ntenance	·	<i></i>	Plant Vogtle Address	
4. Identifica	ation Of System			1501 / Containme	ent Cooling Sy	stem	
(b)Applic		tion XI Utilized	For Repairs	1977 Edition, <u>Wint</u> Or Replacements 19 <u>8</u>		Addenda, N/A	Code Cas
6. Identifica	ation Of Component	is Repairs Or Re	eplacement	Components			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTUR ER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
1501 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2V4-1501-038-01	1988	REPLACEMENT	YES
7. Descripti	ion Of Work <u>Installe</u>	ed replacement r	nut on cooler	2-1501-A7-008-000 out	let header flan	ge saddle support.	
8. Test Con	nducted: N/A X	Hydrostatic  Other			ting Pressure Temp.	N/A °F	
			CERTIFIC	ATE OF COMPLIANCE	Ē		
	t the statements ma		t are correct		<i>REPLACEM!</i> pair or replac		rms to the
Гуре Code Sy	mbol Stamp						
				N/A	<u> </u>		
	Authorization	ľ	N/A	Expiration Da	<del></del>	N/A	
No.	Authorization  Charles Owner or Owner's	Mant 1	N/A	Expiration Da	ite	N/A O 19 95	
No.	Reberra	Mant I s Designee, Titi	N/A M/GDat	Expiration Da	ite (   )		
, the undersign representation of the second	Owner or Owner's  gned, holding a valif  Georgia cted the comp	Mant is Designee, Title id commission and conents descent to the be	RTIFICATE ( Issued by the employed be cribed in less of my kn	Expiration Date of the national Board of the parties of the parties of the national Board of the parties of the national Board of th	CTION  coller and Prespection author during the Owner h	essure vessel inspect and Insurance Co. of He ing the period as performed examin	ntford, Connection 11/08/99 ations and take
i, the undersign Province of have inspector (1-18-3) corrective means be liable in a inspection.	Owner or Owner's  gned, holding a valid Georgia cted the compage, and state easures described his certificate, neith and corrective mea	S Designee, Tities CE  Id commission and conents descent the the bein this Owner there the Inspect	Issued by the employed beribed in est of my known as Report in tor nor his ed in this Owny or proper	Expiration Date  OF INSERVICE INSPET  The national Board of its  Hartford Steam Boile  this Owner's in  The owner's incovered and belief, in  The accordance with the employer makes any  where Report. Further  try damage or a loss	CTION  coller and Proposition and Report during the Owner have requirement warranty, etc.	essure vessel inspected inspected insurance Co. of Heading the period as performed examinates of the ASME Coexpressed or implied or the inspector nor head in the inspector no	ntford. Connection 11/08/99 atlons and take tode, Section concerning the employer shape of the employer shape
I, the undersign Province of have inspector /-/8-9 corrective me by signing the examinations be liable in a inspection.	gned, holding a validated the compagned and state easures described his certificate, neith and corrective meany manner for any	S Designee, Tities CE  Id commission and conents descent the the bein this Owner there the Inspect	RTIFICATE ( Issued by the employed be cribed in est of my known services of the communication	Expiration Date of the national Board of the national Board of the part of this Owner's in accordance with the employer makes any where Report. Further the damage or a loss of the second of the national sec	CTION  coiler and President during the Owner have requirement warranty, ermore, neither of any kind	essure vessel inspected inspected insurance Co. of Heading the period as performed examinates of the ASME Coexpressed or implied or the inspector nor head in the inspector no	ntford. Connection 11/08/99 ations and take ode, Section 1, concerning to the section of the sec

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

As Required By The Provisions Of The ASME Code Section XI

							Traveler #	99283
1. Own	er S	Southern Nuclear	Operating Compa	any	Date		11/08/99	
	_	10 Inverness Cent	Name		Sheet	1	Of	1
	_			migram, AL				
2. Plan	it <u> </u>	ogtle Electric Ge	nerating Plant	<del></del>	Unit _		2	
	_1	Naynesboro, GA			MWO#_	Daniela One	29903363 panization P.O. No., Je	ah Ma ata
			Address			Repair Org	janization P.O. No., J	od No., etc.
3. Wor	k Perfo	rmed by Nuclear	r Operations Mai Name	intenance			Plant Vogtle Address	
4. Iden	tificatio	on Of System			1501 / Containr	nent Cooling Sv	stem	
		-						
					<i>1977</i> Edition, <u>Wi</u> Or Replacements 19		Addenda, N/A	Code Case
		n Of Component		-	-	_		
					Components	,	·I	
NAME OF		NAME OF	MANUFACTUR ER	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED
COMPON	ENT	MANUFACTURER	SERIAL NO.	NO.	IDENTIFICATION	BUILT	REPLACEMENT	(YES OR NO)
1501 PIPINO SYSTE	G	PULLMAN POWER PRODUCTS	N/A	N/A	2V4-1501-033-01	1988	REPLACEMENT	YES
			<u> </u>		·			
8. Test	Condu	cted: N/A X	HydrostaticOther	Pressure		st Temp.	<u> </u>	
		e statements ma				REPLACEME		rms to the
		E Code, Section				repair or replac	ement	
Type Cod	e Symb	ol Stamp		<del></del>	·	I/A		
Certificate No.	e of Au	thorization		N/A	Expiration	Date	N/A	
Signed	TX	Owner or Owner	Mant M 's Designee, Tit	Dat	<b></b>	11/10	19 °G °G	
			CE	RTIFICATE	OF INSERVICE INSP	ECTION		
1 Ab		المستحد مستلما مطالعا						
i, the und or Province		ed, holding a val <i>Georgia</i>	and	employed b	ne national Board of Ny <u>Hartford Steam Bol</u>	r boiler and Pre <u>ler Inspection ar</u>	essure vessel inspect and insurance Co. of <u>He</u>	ors and the State artford, Connecticu
have into	rspecte		onents desc	cribed in	this Owner's	Report dur		11/08/99
			in this Owner	rs Report I	accordance with	the requireme	ents of the ASME C	ode, Section XI
examinati be liable	ions an	d corrective mea	asures describe	ed in this Ov	vners Report. Furth	ermore, neithe	xpressed or implied r the inspector nor h arising from or co	is employer shal
inspectio		, ,	, posociiai inju	iy or prope	rty damage or a to	: -:, <u>-</u>		inected with this
710	nk_	L. Sella	ک کسد	•	ions <i>GA 49</i>	フ	-	
	nk In	Z. Sella spector's Signate	ure	_ Commissi	ions <i>GA 49</i>	フ	rovince and Endorse	

						Traveler #	99285
1. Owner	Southern Nuclea	rOperating Comp	any	Date		03/09/00	
	40 Inverness Cer	Name nter Parkway, Bin	mingham, AL	Sheet	I	Of	1
2. Plant	Vogtle Electric G	eneratino Plant					
	Waynesboro, GA		-	MWO #		29903481	
	Waynesboro, GA	Address		MWO#	Repair Org	janization P.O. No., J	ob No., etc.
3. Work Pe	rformed by Nuclea	ar Operations Ma	intenance		F	Plant Vogtle	
		Name		<del></del>		Address	
4. Identifica	ntion Of System		1	217 / Auxiliary Compon	ent Cooling W	ater System	
(b)Applic	cable Construction able Edition of Se ation Of Compone	ction XI Utilized	For Repairs	<i>1977</i> Edition, <u>Wint</u> Or Replacements 19 <u>8</u> Components	er 1977 39 Code Case	_Addenda, <i>N/A</i> N-416-1	Code Ca
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)
1217 PIPING SYSTEM	PULLMAN POWER PRODUCTS	N/A	N/A	2K3-1217-183-03	1987	REPAIR	YES
2 B	0/1//						
7. Descripti	on Of Work <u>A we</u> <u>97-V2</u>	eld on line 2-1217 2N0056, Pressure	-183-1-1/2" h. test performe	ad to be to be cut out and in conjunction with S	and rewelded t Section XI Trav	o facilitate piping insta eler# 99131 under WC	allation under D D# 29901685.
7. Descripti 8. Test Con	<u>97-V2</u>	eld on line 2-1217: 20056, Pressure Hydrostatic Other	<u>test performe</u> Pneumatie	ed in conjunction with S  Nominal Opera	Section XI Trav	eler# 99131 under WC  X Code Case N-416	0# 29901685.
	<u>97-V2</u> ducted:	<i>PN0056. Pressure</i> Hydrostatic	Pneumatic Pressure	ed in conjunction with S  Nominal Opera	dection XI Trav	eler# 99131 under WC  X Code Case N-416	)# 29901685.
8. Test Con	ducted: N/A	Hydrostatic Other Other	Pneumatic Pressure	ed in conjunction with S  Nominal Opera NA PSI Test  ATE OF COMPLIANCE and this	ting Pressure Temp.  E REPAIR	X Code Case N-416 N/A °F  confd	)# 29901685.
8. Test Con We certify that	ducted: N/A  t the statements means means means and the code, Section	Hydrostatic Other Other	Pneumatic Pressure	ed in conjunction with S  C Nominal Opera  N/A PSI Test  CATE OF COMPLIANCE  and this	ting Pressure Temp.  E REPAIR pair or replace	X Code Case N-416 N/A °F  confd	<i>0# 29901685.</i> -1
8. Test Con We certify that rules of the AS Type Code Syr	ducted: N/A  t the statements m SME Code, Section mbol Stamp	Hydrostatic Other and the report	Pneumatic Pressure CERTIFIC t are correct	ed in conjunction with S  C Nominal Opera  N/A PSI Test  CATE OF COMPLIANCE  and this  re	Section XI Trav ting Pressure Temp.  E REPAIR spair or replace	Code Case N-416 N/A  PF  confo	<i>0# 29901685.</i> -1
8. Test Con We certify that	ducted: N/A  t the statements m SME Code, Section mbol Stamp	Hydrostatic Other and the report	Pneumatic Pressure	ed in conjunction with S  C Nominal Opera  N/A PSI Test  CATE OF COMPLIANCE  and this	Section XI Trav ting Pressure Temp.  E REPAIR spair or replace	X Code Case N-416 N/A °F  confd	<i>0# 29901685.</i> -1
8. Test Con We certify that rules of the AS Type Code Syr Certificate of A	ducted: N/A   the statements means the SME Code, Section mbol Stamp Authorization	Hydrostatic Other hade in the repor	Pneumatic Pressure CERTIFIC t are correct	ed in conjunction with S  Nominal Opera N/A PSI Test  EATE OF COMPLIANCE and this re  N/A  Expiration Da	Section XI Trav ting Pressure Temp.  E REPAIR spair or replace	Code Case N-416 N/A  PF  confo	<i>0# 29901685.</i> -1
We certify that rules of the ASType Code SynCertificate of ANO.	ducted: N/A   the statements means the SME Code, Section mbol Stamp Authorization	Hydrostatic Other Inade in the report XI.	Pneumatic Pressure CERTIFIC t are correct	ed in conjunction with S  Nominal Opera N/A PSI Test  EATE OF COMPLIANCE and this re  N/A  Expiration Da	Rection XI Trav	Confo	0# 29901685. -1
We certify that rules of the ASType Code Syn Certificate of ANO.	ducted: N/A	Hydrostatic Other Inade in the repor	Pneumatic Pressure CERTIFIC t are correct N/A Date RTIFICATE	And this  Expiration Da  Expiration Da  Expiration Da	ting Pressure Temp.  E REPAIR spair or replace  ate	Code Case N-416 N/A  *F  conformement  N/A  20	0# 29901685.
We certify that rules of the ASType Code Syno. Signed ASType Code Syno.	ducted:  N/A	Hydrostatic Other Inade in the reporn XI.  CE	Preumatic Pressure CERTIFIC Tare correct N/A  Pate Date Street St	Expiration Date of the national Board of the Hartford Steam Boile.	ting Pressure Temp.  E REPAIR Tepair or replace The second of the second	Conformation with the second conformation wit	orms to the sartford, Connec
We certify that rules of the Astrope Code Syr. Certificate of No. Signed, the undersign Province of nave inspect	ducted:  N/A  the statements means of the statements means of the statements of the	Hydrostatic Other I The report of XI.  CE The report of XI.	Pneumatic Pressure CERTIFIC t are correct  N/A  Partificate issued by the employed be cribed in set of my kn	Nominal Opera N/A PSI Test  EATE OF COMPLIANCE and this Expiration Da  Expiration Da  By Hartford Steam Boile Completes and belief.	ting Pressure Temp.  E  REPAIR  pair or replace  A  ate  CTION  coller and Pressure r Inspection au  the Owner by	Code Case N-416 N/A  PF  conforment  N/A  20  Surre vessel inspecting the period  as performed eveming the period	tors and the S
We certify that rules of the ASType Code Syr. Certificate of ANO. Signed ASTYPE Corective me inspective me as signing the examinations on liable in as	ducted:  N/A  the statements means of the statements means of the statements means of the statements means of the statements of the statement	Hydrostatic Other Hydrostatic Other Cother C	Preumatic Pressure CERTIFIC Tare correct  N/A  Patien Date Stribed in the strip of my kn as Report in the room his add in this Owner and the strip of the strip o	Nominal Opera N/A PSI Test  ATE OF COMPLIANCE  and this  Expiration Da  BE national Board of the Hartford Steam Boile this Owner's	ting Pressure Temp.  E REPAIR Tepair or replace The pair or replac	Code Case N-416  N/A  PF  conforment  N/A  20  assure vessel inspected insurance Co, of Hairs period as performed examinates of the ASME Control of the Inspector nor in the Insp	tors and the S artford, Connec 11/16/99 nations and ta code, Section
We certify that rules of the AST Type Code Syncertificate of No.  Signed AST Province of the AST Province	ducted:  N/A  the statements means of the statements means of the statements means of the statements means of the statement of the stateme	Hydrostatic Other Hydrostatic Other Cother C	Preumatic Pressure  CERTIFICATE Construction of the property o	Expiration Date of the Hartford Steam Boiled this Owner's lowedge and belief, accordance with the ty damage or a loss ons	ting Pressure Temp.  E REPAIR Tepair or replace The pair or replac	Code Case N-416  N/A  F  Conforment  N/A  20  Conforment  N/A  20  Conforment  N/A  20  Conforment  N/A  Conforment  Confo	tors and the Startford, Connect 11/16/99 nations and ta Code, Section i, concerning is employer sinnected with the
We certify that rules of the ASType Code Syr. Certificate of No. Signed  The undersign revolute of the control	ducted:  N/A  the statements means of the statements means of the statements means of the statements means of the statements of the statement	Hydrostatic Other Hydrostatic Other Cother C	Pneumatic Pressure  CERTIFIC  t are correct  N/A  Date  ERTIFICATE ( issued by the employed be pribed in less of my known as Report in the correct of the co	Expiration Date of the Hartford Steam Boiled this Owner's lowedge and belief, accordance with the ty damage or a loss ons	ting Pressure Temp.  E REPAIR Tepair or replace The pair or replac	Code Case N-416  N/A  PF  conforment  N/A  20  assure vessel inspected insurance Co, of Hairs period as performed examinates of the ASME Control of the Inspector nor in the Insp	tors and the Sartford, Connections and tacode, Section is employer sancted with the section of the section is employer sanceted with the section is employer as a section is employer as a section is employer as a section is employed as a section is employe

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner						Traveler #	00015		
	Southern Nuclea	r Operating Compa	ny	Date		05/17/00			
	40 Inverness Cer	Name nter Parkway, Birmi	ingham, AL	Sheet	1	Of	3		
2. Plant	Vogtle Electric G	enerating Plant		Unit		2			
	Waynesboro, GA	30830		MWO#		20000132			
		Address			Repair Org	anization P.O. No., Jo	ob No., etc.		
3. Work Pe	rformed by Nuclea	a <i>r Operations Maint</i> Name	tenance	<del></del>		Plant Vogtle Address			
d Internation	ation Of System			4004 ( 14-1			•		
	•				Steam System				
				<i>977</i> Edition, <u>Wi</u> Or Replacements 19		Addenda, N/A	Code Case		
6. Identifica	ation Of Componer	nts Repairs Or Rep	placement C	components	_				
NAME	NAME .		NATIONAL I			REPAIRED.	ASME CODE		
OF COMPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED OR REPLACEMENT	STAMPED (YES OR NO)		
VALVE	CONTROL COMPONENTS INC.	23469-1-4	N/A	2PV-3030	1982	REPLACEMENT	YES		
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure  N/A X Other Pressure N/A PSI Test Temp. N/A PSI  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									
		•	are correct a		lepair or replac	ement	rms to the		
	SME Code, Section	•		F		cement	rms to the		
rules of the A	SME Code, Section	ı XI.		F	lepair or replac	ement N/A	rms to the		
rules of the As Type Code Sy Certificate of	SME Code, Section mbol Stamp  Authorization	N/	'A	N/ Expiration C	lepair or replac		rms to the		
rules of the As Type Code Sy Certificate of No.	SME Code, Section mbol Stamp  Authorization	N/ Man + I r's Designee, Title	May Date	N/ Expiration C	lepair or replac	N/A	rms to the		

							Traveler #	00087		
1.	Owner	Southern Nuclear	Operating Compa	any	Date _		09/05/00	<del></del>		
		40 Inverness Cer	Name nter Parkway, Birm	ingham, AL	Sheet _	1	Of	1		
2.	Plant	Vogtle Electric G	enerating Plant		Unit _		2			
	N.	Waynesboro, GA	30830 Address	<del> </del>	MWO#_	Repair Orga	20001127 anization P.O. No., Jo	ob No., etc.		
3.	Work Pe	rformed by Nuclea	ar Operations Main	ntenance			ant Vogtle	<del> </del>		
4.	Identific	ation Of System			2101 / Contain	ment Building Sys	stem			
5.	(a) Appli (b)Appli	cable Construction cable Edition of Se	Code ASMES	SEC III 1 For Repairs	1975 Edition, <u>M</u> Or Replacements 1		Addenda, N/A	Code Case		
6.	Identific	ation Of Compone	nts Repairs Or Re	placement	Components					
	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)		
CC	NTAIN- MENT IILDING	WALSH CONSTRUCTION CO.	N/A	N/A	2-2101- CNMTBLDG	1988	REPLACEMENT	NO		
	<i>ILDINO</i>									
rule	Test Concertify the	ion Of Work <u>Conc</u> nducted: N/A X  at the statements n SME Code, Section	Hydrostatic  Other   Other   nade in the report	Pneumatic Pressure CERTIFIC	C Nominal Ope  N/A PSI Te  CATE OF COMPLIAN  and this	erating Pressure est Temp NCE REPLACEMENT Repair or replace	N/A °F	rms to the		
Cert No.	ificate of	Authorization	٨	√A	Expiration	Date	N/A			
Sigr	ned	Owner or Owne	Maint.	Mgr. Dat	de	9/14/	20 <u>D</u>			
	-		CE	RTIFICATE	OF INSERVICE INS	PECTION				
or P have to corr By exar be I	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.</u> of <u>Hartford. Connecticut</u> have inspected the components described in this Owner's Report during the period <u>06/21/00</u> to <u>9-18-00</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.									
Z.   .		Inspector's Signa	iture	_ Commissi		Board, State, P	rovince and Endorse	ments		
Dat	e <u>9</u>	- 18	20 <u>00</u>	_				-		

and the same of the company of the contract of

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

As Required By The Provisions Of The ASME Code Section XI

							Traveler #	00090
1.	Owner	Southern Nuclear	r Operating Compa	any	Date		02/08/01	
	•		Name nter Parkway, Birm		Sheet	1	Of	1
2.	Plant	Vogtle Electric G	enerating Plant		Unit		2	
		Waynesboro, GA			MWO#		20001032	
		wayneedore, an	Address	<del></del>		Repair Org	anization P.O. No., J	ob No., etc.
3.	Work Per	formed by Nuclea	ar Operations Mair Name	ntenance			Plant Vogtle Address	
4.	Identifica	tion Of System			1902 / Waste Pro	cessing System	- Gas	
5.	(a) Applic	able Construction	Code ASME	SEC III 1	1974 Edition, <u>Su</u> Or Replacements 19	ımmer 1976 9 <u>89</u>	Addenda, N/A	Code Case
6.	Identifica	tion Of Compone	nts Repairs Or Re	eplacement	Components			
	NAME OF	NAME OF	MANUFACTURER SERIAL	BOARD	OTHER	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
	MPONENT HEAT CHANGER	AMETEK SCHUTTE & KOERTING DIV.	NO. 78H-104	NO. 255	1DENTIFICATION 2-1902-C6-002	1978	REPLACEMENT	YES
			· <u></u>					
7. 8.	Descripti Test Con		Hydrostatic Other	Pneumatic Pressure		head. rating Pressure st Temp		
				CERTIFIC	ATE OF COMPLIAN	CE		
	•	the statements m ME Code, Section	•	are correct		REPLACEMI repair or replace		orms to the
Туре	Code Syn	nbol Stamp			1	N/A		
Cert	ificate of A	uthorization No	1	N/A	Expiration	Date	N/A	
Sign	ed Z	Owner or Owne	Mant M. er's Designee, Titl		e	ચ/	9 20 01	
			CE	RTIFICATE (	OF INSERVICE INSP	PECTION		
Provinsp to	rince of ected t -2-13-0	Georgia he component // , and stat	lid commission is and empl s described te that to the be	ssued by the loyed by <u>Hai</u> in this st of my kn	e national Board of I attord Steam Boiler In COWNER'S Rejowledge and belief	boiler and Pres spection and Ins port during f, the Owner h	sure vessel inspector surance Co. of <u>Hartforc</u> the period as performed examin ents of the ASME C	<u> , Connecticut</u> have   07/18/00  ations and taken
exar				d in this Ow		nermore, neithe	expressed or implied or the inspector nor h	
					ty damage or a lo	-	l arising from or co	
	iable in an		y personal injur	y or proper _ Commissi	ty damage or a lo	3	I arising from or co	nnected with this

25 KM

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

1							Traveler #	00139			
•	Owner	Southern Nuclear C	Operating Company	<u>/</u>	Date		04/03/01				
		40 Inverness Cente	Name er Parkway, Birming	gham, AL	Sheet	1	Of	1			
2.	Plant	Vogtle Electric Ger	erating Plant		Unit _		2				
		Waynesboro, GA	30830		MWO#	_	20001879				
			Address			Repair Or	ganization P.O. No., Jo	ob No., etc.			
3.	Work Per	formed by Nuclear	Operations Mainte Name	nance			Plant Vogtle ddress				
4.	Identifica	tion Of System _			1202 / Nuclear Servi	ce Cooling Wate	r System				
	<ul> <li>5. (a) Applicable Construction Code</li></ul>										
	NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD	OTHER	YEAR	REPAIRED, REPLACED OR	ASME CODE STAMPED			
	MPONENT RELIEF	MANUFACTURER CROSBY	NO. N67951-00-0001	NO.	IDENTIFICATION 2PSV-11746	BUILT 1984	REPLACEMENT REPLACEMENT	(YES OR NO) YES			
Ì	VALVE										
	7. Description Of Work  Relief valve S/N N67951-00-0007 was removed for inservice testing and was replaced by relief valve S/N N67951-00-0001. Relief valve S/N 67951-00-0001 was originally installed as 1PSV-11744, removed under MWO# 10001472 and returned to warehouse stock as a spare.  8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure X  N/A Other Pressure N/A PSI Test Temp. N/A °F  CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code, Section XI.  Type Code Symbol Stamp N/A  Certificate of Authorization No. N/A Expiration Date N/A										
rule Typ Cerl	s of the AS e Code Syl ificate of A	the statements ma	de in the report at XI.	re correct a	CATE OF COMPLIAN	CE  REPLACEME! Repair or replace  I/A  Date	V <i>T</i> confo	rms to the			
rule Typ Cerl	s of the AS e Code Syl ificate of A	the statements ma SME Code, Section mbol Stamp	de in the report at XI.	A	CATE OF COMPLIAN	CE REPLACEME! Repair or replace	cement N/A	rms to the			
rule Typ	s of the AS e Code Syl ificate of A	the statements ma SME Code, Section mbol Stamp	de in the report at XI.  N/  N/  N/  S Designee, Title	A int.	CATE OF COMPLIAN	CE  REPLACEME! Repair or replace  I/A  Date  200!	cement N/A	rms to the			

the control of the co

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

As Required By The Provisions Of The ASME Code Section XI

						Traveler #	00141
1. Owner	Southern Nuclear	Operating Company	<u>v</u>	Date		02/21/01	
	40 Inverness Cent	Name ter Parkway, Birmin	gham, AL	Sheet		of	1
2. Plant	Vogtle Electric Ge	nerating Plant		Unit _		2	
	Waynesboro, GA	30830 Address		MWO # _	Repair Or	20001880 ganization P.O. No., J	lob No., etc.
3. Work P	erformed by Nuclea		enance			Plant Vogtle	
		Name		4000 / Nivelege Octob	inn Onelline Made	Address	
	cation Of System _			1202 / Nuclear Servi	ice Cooling wat		
(b)Appl	licable Construction icable Edition of Sec	tion XI Utilized Fo	r Repairs	Or Replacements 1	<u>finter 1975</u> 9 <u>89</u>	_ Addenda, <i>N/A</i>	Code Case
6. Identific	cation Of Componen	ts Repairs Or Rep	lacement (	Components			
NAME OF COMPONENT	NAME OF MANUFACTURER	MANUFACTURER SERIAL NO.	NATIONAL BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
RELIEF VALVE	CROSBY	N67951-00- 0006	NA	2PSV-11752	1984	REPLACEMENT	YES
					<del>                                     </del>		
			Pneumatic	•	rating Pressur		
•	N/A	Other	Pressure	N/A PSI Te	SET TEMP.  REPLACEM	N/A °F	orms to the
rules of the	nat the statements m	Other	Pressure	N/A PSI Te	st Temp.	N/A °F	orms to the
rules of the	nat the statements m	Other	Pressure CERTIFIC	N/A PSI Te	REPLACEM Repair or repla	N/A °F	orms to the
rules of the Type Code S Certificate o	nat the statements m ASME Code, Section Symbol Stamp  f Authorization	Other	Pressure CERTIFIC CERTIFIC	N/A PSI Te	REPLACEM REPLACEM Repair or repla	N/A °F  ENT conf	orms to the
rules of the Type Code S Certificate o No.	nat the statements m ASME Code, Section Symbol Stamp  f Authorization	Other Date of the report and XI.  N/A  's Designee, Title	CERTIFIC are correct  A	N/A PSI Te  EATE OF COMPLIAN  and this  Expiration	REPLACEMA Repair or replace N/A Date	N/A °F  ENT confi acement  N/A	orms to the
rules of the Type Code S Certificate o No. Signed  I, the under or Province have inspite 1-22-corrective I By signing examination	signed, holding a va of Georgia neasures described this certificate, nei any manner for an	Other And	CERTIFIC A Dat TIFICATE sued by ti mployed b bed in t of my kr Report in or nor his in this Ou	N/A PSI Te  CATE OF COMPLIAN  and this  Expiration  Expiration  OF INSERVICE INSI  the national Board of this Owner's nowledge and belief accordance with employer makes awners Report. Furty damage or a local control of the control	REPLACEM Repair or repla N/A Date  PECTION of boiler and Poiler Inspection at the requirement any warranty, thermore, neith	N/A °F  ENT confinement  N/A  20 Cl  ressure vessel inspectand insurance Co. of E	ctors and the State lartford, Connecticu 11/16/00 Inations and taker Code, Section XI d, concerning the his employer shal
rules of the Type Code S Certificate o No. Signed  I, the under or Province have insp to 1-12- corrective I By signing examinatior be liable in	signed, holding a va of Georgia neasures described this certificate, nei any manner for an	Other And	CERTIFIC A Dat TIFICATE sued by ti mployed bi bed in t of my kr Report in or nor his in this Ou	N/A PSI Te  CATE OF COMPLIAN  and this  Expiration  Expiration  OF INSERVICE INSI  the national Board of this Owner's nowledge and belien accordance with  employer makes a wners Report. Furt rty damage or a lot tions GA 203	PECTION of boller and Poller Inspection at the requiremany warranty, hermore, neithous of any kin	N/A °F  ENT confidence	ctors and the State of the Stat

g filogogia. De kili kali kalifika kili kalifika kalifika kili kalifika

							Traveler #	0015/
			0		Date		04/06/01	
1.	Owner	Southern Nuclear	Name	<u> </u>	Date			
		40 Inverness Cent		ngham, AL	Sheet	1	Of	
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit _		2	
		Waynesboro, GA	30830		MWO#		29902633	
		**************************************	Address		<del></del>	Repair O	ganization P.O. No., Jo	b No., etc.
•	Mork Port	formed by Nuclea	r Onerations Maint	tenance			Piant Vogtle	
э.	WORK PER	offied by Nuclea	Name				Address	
4.	Identificat	tion Of System			1208 / Chemical an	d Volume Contro	ol System	
_	(a) Aunlia	-bl- Construction	Code ASME	SEC III	1977 Edition, Wi	nter 1977	Addenda, N/A	Code Case
5.	(a) Applic	able Construction able Edition of Sec	tion XI Utilized Fo		Or Replacements 198			
6.		tion Of Componen						
			MANUFACTURER	NATIONAL		<u> </u>	REPAIRED.	ASME CODE
	NAME OF	NAME OF	SERIAL	BOARD	OTHER	YEAR	REPLACED OR	STAMPED
	MPONENT	MANUFACTURER PULLMAN	NO. N/A	NO.	2K3-1208-055-01	1989	REPLACEMENT  REPLACEMENT	(YES OR NO) YES
	8 PIPING YSTEM	POWER	IWA	N/A	2K3-1208-066-01	,,,,,		
		PRODUCTS				· · · · · · · · · · · · · · · · · · ·		
					<u> </u>	L	<u> </u>	
7.	Description	on Of Work Insta	lled replacement st	uds and nu	ts on piping flanges at	the tube side inf	et and outlet to letdown e	xchanger 2-1208-
		E6-00						
8.	Test Con	ducted:	Hydrostatic	Pneuma	tic Nominal Ope	erating Pressur	·e 🗍	
٠.	1001 001	N/A X	Other _	Pressure	N/A PSI Te	est Temp.	N/A °F	
				CERTIF	ICATE OF COMPLIAN	CE		
	416 . 41 4	464-4	nde in the report o		and this	REPLACEM	FNT Confe	rms to the
rule:	ertity that s of the AS	the statements ma	XI.	ile conect		repair or repla	<del></del>	
ĺ		nbol Stamp			!	N/A		
``					Expiration		N/A	
Cert	iticate of A	uthorization No.	M	N/A aint.				
Sign	ed	far D/	~. N. C.	Mar, D	ate <u>4/6</u>		20 01	
		Owner or Owne	er's Designee, Titl	<u>e `</u>				
			CE	RTIFICATI	E OF INSERVICE INSE	PECTION		
	o undoreia	ned holding a va					ssure vessel inspector	s and the State or
	e undersig		lid commission is	ssued by t	he national Board of Hartford Steam Boiler	boiler and Pre	ssure vessel inspector insurance Co. of <u>Hartfor</u> c	t. Connecticut have
Provinsp	ince of	Georgia he component	lid commission isand em	ssued by the ployed by in th	he national Board of <u>Hartford Steam Boiler I</u> is Owner's Re	boiler and Pres Inspection and I	<u>nsurance Co.</u> of <u>Hartford</u> the period	1. Connecticut have 12/06/00
Provinsp	vince of ected t	Georgia he component	lid commission isand employed s described	ssued by the ployed by in the est of my	he national Board of <u>Hartford Steam Boiler I</u> is Owner's Re knowledge and beli	boiler and Present of the book	<u>nsurance Co.</u> of <u>Hartford</u>	12/06/00 nations and taken
Provinsp to corr	vince of ected to ective me	Georgia the component of , and sta asures described	lid commission is and em s described ate that to the b in this Owner	ssued by the ployed by in the est of my s Report	he national Board of Hartford Steam Boiler I is Owner's Re knowledge and beli in accordance with	boiler and Presented in the poiler and I apport during a f, the Owner the requirem	nsurance Co. of <u>Hartford</u> the period has performed examinents of the ASME C	12/06/00 nations and taken code, Section XI.
Provinsp to corr	vince of	Georgia the component f , and state asures described his certificate, nei	lid commission is and em s described ate that to the b in this Owner: ther the Inspect	ssued by the ployed by in the est of my seport for nor his din this C	he national Board of Hartford Steam Boiler I is Owner's Re knowledge and beli in accordance with s employer makes a byners Report. Furth	boiler and Presinspection and I port during ef, the Owner the requirem any warranty, hermore, neith	nsurance Co. of Hartford the period has performed examinents of the ASME C expressed or implied er the Inspector nor h	12/06/00 nations and taken code, Section XI. , concerning the his employer shall
Provinsp to corr By exar	rince of	Georgia the component f , and state asures described his certificate, nei	lid commission is and em s described ate that to the b in this Owner: ther the Inspect	ssued by the ployed by in the est of my seport for nor his din this C	he national Board of Hartford Steam Boiler I is Owner's Re knowledge and beli in accordance with s employer makes a byners Report. Furth	boiler and Presinspection and I port during ef, the Owner the requirem any warranty, hermore, neith	nsurance Co. of <u>Hartford</u> the period has performed examinents of the ASME C	12/06/00 nations and taken code, Section XI. , concerning the his employer shall
Provinsp to corr By exar	vince of	Georgia the component of , and state assures described his certificate, nei and corrective me ny manner for ar	lid commission is and em s described ate that to the b in this Owner: ther the Inspect	in the state of th	he national Board of Hartford Steam Boiler I is Owner's Re knowledge and belic in accordance with s employer makes a owners Report. Furth erty damage or a lo	boiler and Presinspection and I port during ef, the Owner the requirem any warranty, hermore, neith oss of any kir	nsurance Co. of Hartford the period has performed examinents of the ASME C expressed or implied er the Inspector nor had arising from or co	12/06/00 12/06/00 nations and taken code, Section XI. I, concerning the his employer shall nnected with this
Provinsp to corr By exar	rince of	Georgia the component of , and state assures described his certificate, nei and corrective me ny manner for ar	did commission is and em s described ate that to the bin this Owner ther the Inspect easures described by personal injur	in the state of th	he national Board of Hartford Steam Boiler I is Owner's Re knowledge and belic in accordance with s employer makes a owners Report. Furth erty damage or a lo	boiler and Presinspection and I port during ef, the Owner the requirem any warranty, hermore, neith oss of any kir	nsurance Co. of Hartford the period has performed examinents of the ASME C expressed or implied er the Inspector nor had arising from or co	12/06/00 12/06/00 nations and taken code, Section XI. I, concerning the his employer shall nnected with this
Provinsp to corr By exar be insp	vince of	Georgia the component of , and state asures described his certificate, nei and corrective me ny manner for ar	did commission is and em s described ate that to the bin this Owner ther the Inspect easures described by personal injur	in the state of th	he national Board of Hartford Steam Boiler I is Owner's Re knowledge and belic in accordance with s employer makes a owners Report. Furth erty damage or a lo	boiler and Presinspection and I port during ef, the Owner the requirem any warranty, hermore, neith oss of any kir	nsurance Co. of Hartford the period has performed examinents of the ASME C expressed or implied er the Inspector nor had arising from or co	12/06/00 12/06/00 nations and taken code, Section XI. I, concerning the his employer shall nnected with this

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

As Required By The Provisions Of The ASME Code Section XI

							Travele	er#	00193
1. Owner	Southern Nuclear	Operating Compa	ny	Date			02/09/0	1	
		Name ter Parkway, Birm		Sheet		I	Of		3
2. Plant	Vogtle Electric G			Unit				2 90	N 5/31/01
27 1 14111	Waynesboro, GA			MWO#			2000045		
	waynoodore, ar	Address				Repair Org	ganization P.O	. No., jo	b No., etc.
3. Work Pe	formed by Nuclea	ar Operations Main Name	tenance		· · · · · · · · · · · · · · · · · · ·	F	Plant Vogtle Address		
4. Identifica	ition Of System			1204 / S	afety In	jection Syste	em		
5. (a) Applio (b)Applio	cable Construction able Edition of Se	Code ASMES	SEC III For Repairs	1974 Edition, Or Replacemen	Summ ts 19 <u>89</u>	ner 1974	_ Addenda, _	N/A	Code Case
6. Identifica	ation Of Compone	nts Repairs Or Re	placement	Components					
NAME OF	NAME OF	MANUFACTURER SERIAL	NATIONAL BOARD NO.	OTHER IDENTIFICATION	''	YEAR BUILT	REPAIR REPLACE REPLACE	D OR	ASME CODE STAMPED (YES OR NO)
HEAT EXCHANGER	SENTRY EQUIPMENT CORP.	NO. 786103	1279	7-1204-P6-00 2 M01 P67-05/3:  01		1978	REPLACE		YES
HEAT EXCHANGER	SENTRY	786104	1280	2-1204-P6-00 2 M01 2 M01	)3-	1978	REPLACE	MENT	YES
8. Test Col	31	Hydrostatic Other	Pneumat	ic Nominal		ing Pressur Temp.		_°F	
				CATE OF COMP					
	t the statements m SME Code, Section					REPLACEM pair or repla		Confo	orms to the
Type Code Sy	mbol Stamp				N/A				
	Authorization No.		WA		tion Da			N/A	
Signed K		mant M er's Designee, Tit		ite		2)	20 [	21	
		CE	RTIFICATE	OF INSERVICE	INSPEC	CTION			
Province of _ inspected									
examinations	and corrective m	easures describe	d in this O ry or prope	wners Report. erty damage or	Further a loss	rmore, neith	er the inspec	tor nor r	i, concerning the his employer shall nnected with this
	Inspector's Sign		Commis:	sions <u>GA</u> Nat	ional B	oard, State,	Province and	Endorse	ments
Date	2-19	20 <u>01</u>	_						

							Traveler #	01003
	Owner	Southern Nuclear	Operating Compa	เกง	Date		03/01/01	
١.	Owner	40 Inverness Cen	Name		Sheet	1	Of	3
2.	Plant	Vogtle Electric Ge	enerating Plant		Unit		2	
		Waynesboro, GA			MW0 #	Danie Ore	20000451 ganization P.O. No., Jo	nh No. etc
			Address			Hepair Org	ganization P.O. No., Je	ob No., etc.
3.	Work Per	formed by Nuclea	ar Operations Mair Name	ntenance		<u>,                                    </u>	Plant Vogtle Address	· · · · · · · · · · · · · · · · · · ·
4.	Identifica	tion Of System			1208 / Chemical and	i Volume Contro	ol System	
5.	(a) Applic (b)Applica	able Construction able Edition of Se	Code <u>ASME</u>	SEC III For Repairs	1971 Edition, <u>Sui</u> Or Replacements 19	mmer 1972 389	Addenda, N/A	Code Case
6.	Identifica	tion Of Compone	nts Repairs Or Re	placement	Components			
	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)
- 1	HEAT HANGER	SENTRY EQUIPMENT CORP.	78100	1276	2-1208-P6-002- M01	1978	REPLACEMENT	YES
	HEAT HANGER	SENTRY EQUIPMENT CORP.	78101	1277	2-1208-P6-002- M01	1978	REPLACEMENT	YES
8.	Test Con	ducted: N/A 🗌	Hydrostatic Other	Pneumati Pressure		rating Pressure st Temp.		
				CERTIFIC	CATE OF COMPLIAN	CE		
	•	the statements m ME Code, Section	_	are correct		REPLACEM repair or repla		orms to the
Туре	Code Syn	nbol Stamp			Ŋ	N/A		
Certi	ficate of A	uthorization No	<u> </u>	V/A	Expiration		N/A	
Sign	ed	Jon 5.2m		54/7 Da	to Brend	<del></del> 2	and Sa ap	7001
		Owner or Owne	r's Designee, Tit	le	157 6/6/01		12 6/6/	<i>6 )</i>
			CE	RTIFICATE	OF INSERVICE INSP	ECTION		
Prov inspe to	ince of ected to 3 · 8 · 0 /	Georgia he component , and state	and emplies described te that to the be	loyed by <u>Ha</u> in this st of my k	<u>rtford Steam Boiler In</u> s Owner's Re <sub>l</sub> nowledge and belief	<i>spection and In</i> port during f, the Owner b	ssure vessel inspector surance Co. of Hartford the period nas performed exami	<u>01/09/01</u> nations and taken
By s exan be li	igning the ninations a able in a	is certificate, nel	ther the Inspect	or nor his d in this O	employer makes a wners Report. Furti	nny warranty, nermore, neith	ents of the ASME ( expressed or implied er the Inspector nor i d arising from or co	d, concerning the
insp	ection.	Charma		_ Commiss		<u> </u>		
	, , , ,	Inspector's Signa		•	National	Board, State,	Province and Endorse	ements
Dat	e 3-	- 81	20 0 /	_				

							Traveler	#	01011
1.	Owner	Southern Nuclear	Operating Compar	าง	Date		04/03/01		
•	Owner		Name		•				
		40 Inverness Cen	ter Parkway, Birmii	ngham, AL	Sheet		Of _		3
2.	Plant	Vogtle Electric Ge	nerating Plant		Unit		4-2	Dun	c5/3./u
		Waynesboro, GA	30830		MWO#		20000454		
			Address			Repair O	rganization P.O. N	lo., Jol	No., etc.
3.	Work Per	formed by Nuclea	r Operations Maint	tenance			Plant Vogtle		
			Name			4	Address		
4.	Identificat	tion Of System			1204 / Safe	ety Injection Syste	m		
5.		able Construction			· · · · · · · · · · · · · · · · · · ·	Summer 1974	_ Addenda,	N/A	_ Code Case
	(b)Applica	able Edition of Sec	tion XI Utilized Fo	or Repairs (	Or Replacements 19	9 <u>89</u>			
6.	Identificat	tion Of Componen	ts Repairs Or Rep	olacement (	Components				
	NAME	NAME	MANUFACTURER	NATIONAL	T		REPAIRED		ASME CODE
CO	OF IPONENT	OF MANUFACTURER	SERIAL NO.	BOARD NO.	OTHER IDENTIFICATION	YEAR BUILT	REPLACED C REPLACEME		STAMPED (YES OR NO)
	HEAT HANGER	SENTRY EQUIPMENT	786102	1278	1204-P6-004-M0	1 1978	REPLACEME	INT	YES
		CORP.			Dates/31loi				
	HEAT HANGER	SENTRY EQUIPMENT	786105	1281	1204-P6-004-M0	1 1978	REPLACEME	ENT	YES
		CORP.			Destes/3.16.				
7. 8.	Test Con	the re					1281-2. e X		
				CERTIFIC	CATE OF COMPLIA	NCE			
	-	the statements ma	•	re correct a	and this	REPLACEME		Confor	ms to the
rules	of the ASI	ME Code, Section	XI.			repair or repla	cement		
Туре	Code Syn	nbol Stamp				N/A			
Certi	ficate of A	uthorization No		I/A	Expiratjor	n Date	1	N/A	
Sign	<u>,</u>	~ DV		int.	te 4/3		20 0	1	
		Owner or Owne	r's Designee, Title			, ,			
			CE	RTIFICATE	OF INSERVICE INS	PECTION			
Provinspecto	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 Hartford, Connecticut have inspected the components described in this Owner's Report during the period 01/29/01 of 1-1-0/1, 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   GAIGHT   Commissions   GAIGHT   Commissions   GAIGHT   Commissions   GAIGHT   Commissions   C								
,					Nation	al Board, State,	Province and End	orsem	ents
Dat	e <u>4</u>	7-01	20	-					