

BRUCE H HAMILTON Vice President Oconee Nuclear Station

Duke Energy Corporation ONO1VP / 7800 Rochester Highway Seneca, SC 29672

864 885 3487

864 885 4208 fax bhhamilton@duke-energy.com

March 14, 2007

U.S. Nuclear Regulatory Commission Document Control Desk Washington, DC 20555

Subject: Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC (Duke) Oconee Nuclear Station, Unit 1 Docket No. 50-269 Unit 1 EOC 23 Refueling Outage Inservice Inspection Report Fourth Ten-Year Inservice Inspection Interval

Please find attached a copy of the Inservice Inspection Report for Oconee Unit 1 End of Cycle 23 Refueling Outage. This report is submitted pursuant to Section XI of the ASME Boiler and Pressure Vessel Code, 1998 Edition, with 2000 addenda, Subsubarticle IWA 6230.

If there are any questions you may contact R. P. Todd at (864) 885-3418.

B. H. Hamilton, Site Vice-President Oconee Nuclear Station

Attachment

AD47

Owner's Report For INSERVICE INSPECTIONS

OCONEE UNIT 1 2006 REFUELING OUTAGE EOC23 (OUTAGE 2)

Plant Location: 7800 Rochester Highway, Seneca, South Carolina 29672

NRC Docket No. 50-269

Commercial Service Date: July 15, 1973

Document Completion Date 2-23-07

Owner: Duke Energy Corporation 526 South Church Street Charlotte, N. C. 28201-1006

Revision 0

Prepared By:

Reviewed By:

Approved By:

arry Co Keith 2-15-07 Date _____Date <u>2-15-07</u>_____Date <u>2/16/07</u>____ Ripl

| | As required t | by the Provisions of | of the ASME Co | de R | ules |
|---------------------|--------------------|--------------------------------------------------|--------------------|-------|-----------------------|
| l. Owner: <u>Du</u> | ke Energy Corpo | <u>ration, 526 S. Churc</u> (Name and Address | | NC 28 | <u>8201-1006</u> |
| 2. Plant: <u>Oc</u> | onee Nuclear Sta | tion, 7800 Rochester (Name and Address | | a, SC | 29672 |
| 3. Plant Unit | : <u>1</u> 4. Owne | r Certificate of Auth | orization (if requ | ired) | <u>N/A</u> |
| 5. Commercia | al Service Date: | <u>July 15, 1973</u> 6. N | ational Board Ni | ımber | r for Unit <u>N/A</u> |
| | ts Inspected: | | | | |
| omponent or | Manufacturer | Manufacturer | State or | ١ | National |
| ppurtenance | Installer | Installer Serial No. | Province No. | | Board No. |
| | | | | · | |
| | 5ee_5e | ecti <u>on 1.1 in the A</u> ttac | ned <u>Report</u> | _ | |
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 $8^{1/2}$ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Total number of pages contained in this report <u>213</u>

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| 8. | Examination Dates May 15, 200 | 5 to December 15, 2006 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9. | Inspection Period Identification: | First Period |
| 10. | Inspection Interval Identification: | Fourth Interval |
| 11. | Applicable Edition of Section XI | 1998 Addenda 2000 |
| 12. | Date/Revision of Inspection Plan: | October 23, 2003 / Revision 0 |
| 13. | Abstract of Examinations and Tests. concerning status of work required for | Include a list of examinations and tests and a statement r the Inspection Plan. <u>See Sections 2.0, 3.0 and 6.0</u> |
| 14. | Abstract of Results of Examination ar | nd Tests. <u>See Sections 4.0 and 6.0</u> |
| 15. | Abstract of Corrective Measures. | See Subsection 4.3 |
| Dat | rtificate of Authorization No. (if applicate $\frac{7/16}{07}$ Signed | able) <u>NA</u> Expiration Date <u>NA</u> <u>Duke Energy Corp.</u> By <u><i>R. Review Physics</i></u> <u>Owner</u> |
| | CERTIFICAT | E OF INSERVICE INSPECTION |
| Ves <u>Sta</u> | ssel Inspectors and the State or Provin <u>indards</u> have inspected the component <u>5-15-05</u> to <u>12-15-06</u> ief, the Owner has performed examina o Owner's Report in accordance with the ction XI. | ission issued by the National Board of Boiler and Pressure ace of <u>NORTH CAROLINA</u> employed by <u>*The HSB Global</u> s described in this Owner's Report during the period , and state that to the best of my knowledge and ations and tests and taken corrective measures described in the Inspection Plan and as required by the ASME Code, |
| the Sec imp Fu | plied, concerning the examinations, tes rthermore, neither the Inspector nor h ury or property damage or a loss of any Com Inspector's Signature | Inspector nor his employer makes any warranty, expressed or st, and corrective measures described in this Owner's Report. is employer shall be liable in any manner for any personal y kind arising from or connected with this inspection nmissions <u>MCI444 MIABC</u> National Board, State, Province, and Endorsements |

DISTRIBUTION LIST

- 1. Duke Energy Corporation Nuclear Assurance Division Quality Assurance Technical Services
- 2. NRC Document Control Desk
- HSB Global Standards (AIA)
 ^C/o ANII at Oconee
- Note: The following personnel are to be notified via Lotus Notes after the Inservice Inspection Report has been stored in the Nuclear Electronic Document Library: Nuclear GO Nuclear Assurance ^C/₀ Bruce Nardoci Inspection and Welding Services (ISI Coordinator)

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| 3.0 | Final Inservice Inspection Plan | 0 |
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| 6.0 | Pressure Testing | 0 |

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TAB 1

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1.0 General Information

This report describes the Inservice Inspection of Duke Energy Corporation's Oconee Nuclear Station, Unit 1, during Outage 2/EOC 23. This is the last outage in the first inspection period of the Fourth Ten-Year Interval. ASME Section XI, 1998 Edition with the 2000 Addenda, was the governing Code for selection and performing of the ISI examinations.

Included in this report are the inspection status for each examination category, the final inservice inspection plan, the inspection results for each item examined, and corrective actions taken when reportable conditions were found. In addition, there is an Owner's Report for Repair/Replacement Section included for completed NIS-2 documentation of repairs and replacements.

| item | Manufacturer or Installer | Manufacturer or Installer Serial No. | State or Province No. | National Board No. |
|-------------------------------------------|------------------------------|--------------------------------------------|--------------------------|-----------------------|
| Reactor Vessel | Babcock & Wilcox | 620-0003-51-52 | N/A | N-101 |
| Reactor Vessel Head (replaced head) | Babcock & Wilcox | 068S-01 | N/A | 202 |
| Steam Generator A | Babcock & Wilcox | 006K01 | N/A | 205 |
| Steam Generator B | Babcock & Wilcox | 006K02 | N/A | 206 |
| Pressurizer | Babcock & Wilcox | 620-0003-59 | N/A | N-102 |
| Main Steam System | Duke Power | NA | NA | NA |
| Auxiliary Steam System | Duke Power | NA | NA | NA |
| Feedwater System | Duke Power | NA | NA | NA |
| Emergency Feedwater System | Duke Power | NA | NA | NA |
| Steam Generator Flush System | Duke Power | NA | NA | NA |

1.1 Identification Numbers

EOC 23 Refueling Outage Report Oconee Unit 1 Section 1 Page 1 of 4 Revision 0 February 14, 2007

| ltem | Manufacturer or Installer | Manufacturer or Installer Serial No. | State or Province No. | National Board No. |
|--------------------------------------------|------------------------------|--------------------------------------------|--------------------------|-----------------------|
| Condensate System | Duke Power | NA | NA | NA |
| Vents and Exhaust System | Duke Power | NA | NA | NA |
| Condenser Circulating Water | Duke Power | NA | NA | NA |
| High Pressure Service Water System | Duke Power | NA | NA | NA |
| Low Pressure Service Water System | e Water | | NA | NA |
| Reactor Coolant System | Duke Power | NA | NA | NA |
| High Pressure Injection System | Duke Power | NA | NA | NA |
| Low Pressure Injection System | Duke Power | NA | NA | NA |
| Reactor Building Spray System | Duke Power | NA | NA | NA |
| Component Cooling System | Duke Power | NA | NA | NA |
| Spent Fuel Cooling System | Duke Power | NA | NA | NA |
| Vents - Reactor Building Components | Duke Power | NA | NA | NA |
| Drains - Reactor Building Components | Duke Power | NA | NA | NA |

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1.2 Personnel, Equipment and Material Certifications

All personnel who performed or evaluated the results of inservice inspections during the time frame bracketed by the examination dates shown on the NIS-1 Form were certified in accordance with the requirements of the 1998 Edition of ASME Section XI with the 2000 addenda including Appendix VII for ultrasonic inspections. In addition, ultrasonic examiners were qualified in accordance with ASME Section XI, Appendix VIII, and the1998 Edition with the 2000 Addenda through the Performance Demonstration Initiative (PDI) for similar metal piping welds (Supplements 2 & 3).

The appropriate certification records for each inspector, calibration records for inspection equipment, and records of materials used (i.e., NDE consumables) are on file at Oconee Nuclear Station or copies can be obtained by contacting Duke Energy's Corporate Office in Charlotte, North Carolina.

The copies of the certification records for Washington Group and the Atlantic Group inspectors can be obtained by contacting Duke Energy's Corporate Office in Charlotte, North Carolina.

1.3 <u>Reference Documents</u>

The following reference documents apply to the inservice inspections performed during this report period. A copy may be obtained by contacting the ISI Plan Manager at Duke Energy's Corporate Office in Charlotte, North Carolina.

Code Case N-460 (Applicable to items in this report where less than 100% coverage of the required weld examination volume was achieved.) These items are identified on the Run D that are located in Section 4.0 of this report.

Code Case N-504-2 (Applicable to Appendix Q weld overlays). There were some welds that had weld overlay performed on them during EOC-23. PSI was performed on these welds.

Relief Request 04-ON-015 is approved by the NRC and grants relief from examining the Letdown Cooler inside radius section of the nozzle to Channel Body weld.

Duke Power Company Problem Investigation Process Report # O-06-07569. This PIP was written to document reportable indications found with a Class 2 equipment support welded attachment (item number C03.010.002).

Duke Power Company Problem Investigation Process Report # O-06-06983. This PIP was written to document a change in the thermal sleeve gap that was discovered during the augmented RT examination (item number G02.001.011C).

EOC 23 Refueling Outage Report Oconee Unit 1 Section 1

Page 3 of 4 Revision 0 February 14, 2007 Duke Power Company Problem Investigation Process Report # O-06-04350. This PIP was written to document discrepancies found with a support which was discovered during an elective VT examination (item number H04.001.002).

Duke Power Company Problem Investigation Process Report # 0-07-01152. This PIP was written to document NIS-2 forms that are not being submitted with this report for work that has been completed during this report period.

1.4 Augmented and Elective Examinations

Augmented and elective examination information found within this Inservice Inspection Report is not required by the ASME Section XI Code; therefore, it is exempt from ANII review, verification, and/or record certification.

1.5 Responsible Inspection Agency

The HSB Global Standards is responsible for the third party inspections required by ASME Section XI.

Authorized Nuclear Inservice Inspector(s)

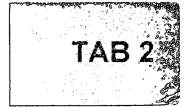
Name: Gary Brouette, Nancy Slaughter, and Tom Wyatt

Employer: The HSB Global Standards

Business Address: 200 Ashford Center North Suite 205 Atlanta, GA 30338-4860 (800) 417-3721 www.hsbct.com

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2.0 Fourth Ten Year Interval Inspection Status

The completion status of inspections required by the 1998 ASME Code Section XI, with the 2000 Addenda, is summarized in this section. The requirements are listed by the ASME Section XI Examination Category as defined in Table IWB-2500-1 for Class 1 Inspections, Table IWC-2500-1 for Class 2 Inspections, and IWF-2500-1 for Class 1 and 2 Component Supports. Augmented inspections are also included.

| Examination Category | Description | Inspections Required | Inspections Completed | Percentage Completed | * Deferral Allowed |
|-------------------------|-------------------------------------------------------------------------|-------------------------|--------------------------|-------------------------|-----------------------|
| B-A | Pressure Retaining Welds in Reactor Vessel | 13 Welds | .5 Weld | 4% | Yes |
| B-B | Pressure Retaining Welds in Vessels Other than Reactor Vessel | 10 Welds | 3 Welds | 30% | No |
| B-D | Full Penetration Welds of Nozzles in Vessels Inspection Program B | 54 Inspections | 14 Inspections | 26% | Partial |
| B-E | Pressure Retaining Partial Penetration Welds in Vessels | REFERE | NCE SECTION | 6.0 OF THIS RE | PORT |
| B-F | Pressure Retaining Dissimilar Metal Welds | 7 Welds | 2 Welds | 29% | No |
| B-G-1 | Pressure Retaining Bolting Greater than 2 Inches in Diameter | 125 Items | 42.33 Items | 34% | Yes |
| B-G-2 | Pressure Retaining Bolting 2 Inches and Less in Diameter | 18 Items | 6 Items | 33% | No |
| B-J | Pressure Retaining Welds in Piping | 168 Welds | 49 Welds | 29% | No |
| В-К | Welded Attachments for Vessels, Piping, Pumps and Valves | 17 | 3 | 18% | No |

Class 1 Inspections

* Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB and IWC 2500-1.

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| Examination Category | Inspections Description Required | | Inspections Completed | Percentage Completed | * Deferral Allowed | |
|---------------------------------|-------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-------------------------|-----------------------|--|
| B-L-1 | Pressure Retaining Welds in Pump Casings | 1 Weld | 1 Weld | 100% | Yes | |
| B-L-2 | Pump Casings | 1 Casing | 0 Casing | 0% | Yes | |
| B-M-1 | Pressure Retaining Welds in Valve Bodies | 1 Valve Body Weld | 1 Valve Body Weld | 100% | Yes | |
| B-M-2 | Valve Bodies | 3 Valves | 0 Valves | 0% | Yes | |
| B-N-1 | Interior of Reactor Vessel | 3 Inspections | 1 Inspection | 33% | No | |
| B-N-2 | Welded Core Support Structures and Interior Attachments to Reactor Vessels | 1 Inspection | 0 Inspections | 0% | Yes | |
| B-N-3 | Removable Core Support Structures | 1 Inspection | 0 Inspections | 0% | Yes | |
| B-0 | Pressure Retaining Welds in Control Rod Housings | 12 Housing Welds | 4 Housing Welds | 33% | Yes | |
| B-P | All Pressure Retaining Components | REFERENCE SECTION 6.0 OF THIS REPORT | | | | |
| B-Q | Steam Generator Tubing | N/A | N/A | N/A | N/A | |
| F-A F1.10 & F1.040 items. | Class 1 Component Supports (Except Snubbers) | 37 Supports | 11 Supports | 30% | No | |
| F-A F1.050 items | Class 1 Component Supports, Snubbers | | | | ** | |

Class 1 Inspections (Continued)

* Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB and IWC 2500-1.

** Inspected under Selected License Commitment 16.9.18 per Relief Request 03-006

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Class 2 Inspections

| Examination Category Description | | Description Inspections Inspections Description Required Completed | | | | |
|-------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------|-----|-----|--|
| C-A | Pressure Retaining Welds in Pressure Vessels | 11 Welds | 5 Welds | 45% | No | |
| C-B | Pressure Retaining Nozzle Welds in Vessels | 4 Welds | 1 Welds | 25% | No | |
| C-C | Integral Attachments for Vessels, Piping, Pumps and Valves | 33 Attachments | 8 Attachments | 24% | No | |
| C-D | Pressure Retaining Bolting Greater Than 2 Inches in Diameter | 2 Items | 1 Items | 50% | No | |
| C-F-1 | Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping | 184 Welds | 54 Welds | 29% | No | |
| C-F-2 | Pressure Retaining Welds in Carbon or Low Alloy Steel Piping | 74 Welds | 20 Welds | 27% | No | |
| C-G | Pressure Retaining Welds in Pumps and Valves | N/A | N/A | N/A | N/A | |
| C-H | All Pressure Retaining Components | REFERENCE SECTION 6.0 OF THIS REPOR | | | | |
| F-A F1.020 & F1.040 items. | Class 2 Component Supports (Except Snubbers) | 131 Supports | 39 Supports | 30% | No | |
| F-A F1.050 items | Class 2 Component Supports, Snubbers | | | | ** | |

* Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB and IWC 2500-1.

** Inspected under Selected License Commitment 16.9.18 per Relief Request 03-006

EOC 23 Refueling Outage Report Oconee Unit 1 Section 2

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Augmented/Elective Inspections

Augmented and elective examination information found within this Inservice Inspection Report is not required by the ASME Section XI Code; therefore, it is exempt from ANII review, verification, and/or record certification.

| ltem Number | Description | Percentage Complete |
|----------------|----------------------------------------------------------------------------------------------------------|-----------------------------|
| G01.001 | Reactor Coolant Pump Flywheel | 100% of EOC 23 Requirements |
| G02.001 | HPI Nozzle Safe End Examinations | 100% of EOC 23 Requirements |
| G03.001 | Pressurizer Surge Line Examinations | None scheduled for EOC 23 |
| G04.001 | Thermal Stress Piping (NRC Bulletin 88-08) | 100% of EOC 23 Requirements |
| G11.001.001 | Reactor Pressure Vessel Head Penetration Nozzle by UT Examination per NRC Order EA-03-009. | None scheduled for EOC 23 |
| G11.001.002 | Bare Metal Visual Examination of the Reactor Pressure Vessel Head Surface per NRC Order EA-03-009. | None scheduled for EOC 23 |
| G12.001 | UT Examination per MRP-139 | 100% of EOC 23 Requirements |
| G12.002 | UT Examination per MRP-139 | None scheduled for EOC 23 |
| G12.003 | UT Examination per MRP-139 | None scheduled for EOC 23 |
| G13.001 | VT-2 Examination per MRP-139 | 100% of EOC 23 Requirements |
| G13.002 | VT-2 Examination per MRP-139 | 100% of EOC 23 Requirements |
| G14.001 | VT-2 Examination per Oconee Response to BL-2004-01 | 100% of EOC 23 Requirements |
| H01.001 | Pressurizer Sensing/ Sampling Nozzle Safe Ends | None scheduled for EOC 23 |
| H02.001 | Class 1 RTE Mounting Bosses | 100% of EOC 23 Requirements |
| H03.001 | Main Feedwater Piping in the East and West Penetration Rooms per QA-513J (ER-ONS-04-03) | 100% of EOC 23 Requirements |
| H04.001- | Main Feedwater and Main Steam Piping Supports and Attachment Welds per QA-513J (ER-ONS-04-05) | 100% of EOC 23 Requirements |

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TAB 3

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3.0 Final Inservice Inspection Plan

The final Inservice Inspection Plan shown in this section lists all ASME Section XI Class 1, Class 2, Class 3, and Augmented examinations credited for this report period.

The information shown below is a field description for the reporting format included in this section of the report:

| Item Number | = | ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2), IWF-2500-1 (Class 1 and Class 2), Augmented Requirements |
|--------------------|---|--------------------------------------------------------------------------------------------------------------------------------------|
| ID Number | = | Unique Identification Number |
| Sys | = | Component System Identification |
| Iso / Dwg. Numbers | = | Location and/or Detail Drawings |
| Proc | = | Examination Procedures |
| Insp Req. | = | Examination Technique - Magnetic Particle, Dye Penetrant, etc. |
| Mat / Sch. | = | General Description of Material |
| Diam. / Thick | = | Diameter/Thickness |
| Cal Blocks | = | Calibration Block Number |
| Comments | = | General and/or Detail Description |

EOC 23 Refueling Outage Report Oconee Unit 1 Section 3

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| EOC 23 | 8-B, Pressure Re r Than Reactor V | •••••• | ~~~~~ | - + | E INSF | NERGY COP PECTION PL on Database | AN MAN | AGEMENT | ı | | Plan Report |
|-------------------|--------------------------------------|--------|---------------|-----------|--------|----------------------------------------|-----------|------------|-----------|------------------------|---------------------------------------|
| Steam Gener | ators (Primary Side) | 2 | | Inservice | Incho | Oconee 1 | for Intor | val 4 Outa | | | Page 1 02/14/2007 |
| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUME | | • | | | | AL BLOCKS | COMMENTS | 02/1//2007 |
| **** Tubesheet- | to-Head Weld **** | | | | | | | | | | |
| B02.040.001 1-S | SGA-W23 | | OM-201.S-0001 | NDE-8 | 320 | UT | CS | 132.000 | 20T-245 | Steam Generator 1A Upp | er Head to Upper |
| Circu | umferential | 50 | OM-201.S-0157 | NDE-6 | 640 | | | 5.687 | | Tubesheet. | |
| Class A | | | | | | Head to Tubesheet | | | | | |
| Total B02.040 Ite | ems: 1 | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| Total B02 Items: | : 1 | | | | | | | | | | |

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EOC 23

CATEGORY B-D, Full Penetration Welded

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| | | | <u> </u> | | | | | | |
|-------------------|------------------------|--------|-----------------|---------------|-------------------|------------|-------------|----------|--------------------------------------------------------------------------------------------|
| <u>Nozzels lı</u> | n Vessels - Inspectio | on Pro | ogram B Inserv | vice Inspecti | on Database | e Managen | nent System | | Plan Report |
| Pressuri | izer | | | | Oconee 1 | l | | | Page 2 |
| | | | Inse | ervice Insp | ection Plan | for Interv | 02/14/2007 | | |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CA | L BLOCKS | COMMENTS |
| **** Nozzle | e-to-Vessel Welds **** | | | | | | | | |
| B03.110.001 | 1-PZR-WP15 | | ISI-OCN1-002 | NDE-640 | UT | CS | 15.250 | 40394 | Pressurizer Surge Nozzle Pc. 8 to Lower Head Pc. |
| | Circumferential | 50 | OM-201-287 | NDE-820 | | | 4.750 | | 6. |
| Class A | | | OM-201-1878 | | Nozzle to Head | | | | The pressurizer LOCA restraint will require removal for inspection of Weld No. 1-PZR-WP15. |
| B03.110.002 | 1-PZR-WP34 | | ISI-OCN1-002 | NDE-640 | UT | CS | 7.750 | 40394 | Pressurizer Spray Nozzle Pc. 9 to Upper Head Pc. |
| | Circumferential | 50 | OM-201-1026 | NDE-820 | | | 4.750 | | 5. |
| Class A | | | | | Nozzle to | | | | |
| | | | | | Head | | | | |
| B03.110.003 | 1-PZR-WP33-3 | | ISI-OCN1-002 | NDE-640 | UT | CS | 6.875 | 40394 | Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. |
| | Circumferential | 50 | OM-201-1878 | NDE-820 | | | 4.750 | | 5. |
| Class A | | | OM-201-1026 | | Nozzle to | | | | Z-W Quadrant. |
| | | | | | Head | | | | |
| B03.110.004 | 1-PZR-WP33-2 | | ISI-OCN1-002 | NDE-640 | UT | CS | 6.875 | 40394 | Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. |
| | Circumferential | 50 | OM-201-1878 | NDE-820 | | | 4.750 | | 5. X-Y Quadrant. |
| Class A | | | OM-201-1026 | | Nozzle to | • | | | |
| | | | · | | Head | | | | |
| B03.110.005 | 1-PZR-WP33-1 | | ISI-OCN1-002 | NDE-640 | UT | CS | 6.875 | 40394 | Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. |
| | Circumferential | 50 | OM-201-1878 | NDE-820 | | | 4.750 | | 5. W-X Quadrant. |
| Class A | | | OM-201-1026 | | Nozzle to Head | | | | |
| | | | | | | | | | |

Total B03.110 Items: 5



DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Nozzels In Vessels - Inspection Program B Pressurizer

CATEGORY B-D, Full Penetration Welded

Inservice Inspection Database Management System Oconee 1

Plan Report Page 3 02/14/2007

Inservice Inspection Plan for Interval 4 Outage 2

ITEM NUMBER ID NUMBER SYS ISO/DWG NUMBERS PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS ,

**** Nozzle Inside Radius Section ****

| B03.120.001 | 1-PZR-WP15 | 50 | ISI-OCN1-002 OM-201-287 | NDE-3620 | UT | CS | 15.250 3.375 | 40394 | Pressurizer Surge Nozzle Pc. 8 to Lower Head Pc. 6. (Inside Radius Section). The pressurizer LOCA |
|-------------|--------------|----|----------------------------|----------|-------------------|----|-----------------|-------|------------------------------------------------------------------------------------------------------|
| Class A | | | OM-201-1878 | | Nozzle to Head | | | | restraint will require removal for inspection of Weld No. 1-PZR-WP15. |
| B03.120.002 | 1-PZR-WP34 | | ISI-OCN1-002 | NDE-3620 | UT | CS | 7.750 | 40394 | Pressurizer Spray Nozzle Pc. 9 to Upper Head Pc. |
| | | 50 | OM-201-1878 | | | | 4.750 | | 5. (Inside Radius Section) |
| Class A | | | OM-201-1026 | | Nozzle to Head | | | | |
| B03.120.003 | 1-PZR-WP33-3 | | ISI-OCN1-002 | NDE-3620 | UT | CS | 6.875 | 40394 | Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc |
| | | 50 | OM-201-1878 | | | | 4.750 | | 5. W-Z Quadrant. (Inside Radius Section) |
| Class A | | | OM-201-1026 | | Nozzle to | | | | |
| | | | | | Head | | | | |
| B03.120.004 | 1-PZR-WP33-2 | | ISI-OCN1-002 | NDE-3620 | UT | CS | 6.875 | 40394 | Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc |
| | | 50 | OM-201-1878 | | | • | 4.750 | | 5. Y-X Quadrant. (Inside Radius Section) |
| Class A | | | OM-201-1026 | | Nozzle to Head | | | | |
| B03.120.005 | 1-PZR-WP33-1 | | ISI-OCN1-002 | NDE-3620 | UT | CS | 6.875 | 40394 | Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc |
| | | 50 | OM-201-1026 | | | | 4.750 | | 5. W-X Quadrant. (Inside Radius Section) |
| Class A | | | OM-201-1878 | | Nozzle to Head | | | | |

| EOC | 23 | |
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ITEM NUMBER

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Nozzels In Vessels - Inspection Program B Oconee 1

Plan Report Page 4 02/14/2007

Heat Exchangers (Primary Side)

CATEGORY B-D, Full Penetration Welded

2

Inservice Inspection Plan for Interval 4 Outage 2

SYS ISO/DWG NUMBERS PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS ID NUMBER

**** Nozzle-to-Vessel Welds ****

| B03.150.001 | 1-51A-18792-1-V-2 Circumferential | 51A | 18792-1 OM-201-3107 | NDE-3630 | UT | SS | 3.000 0.875 | 40411 | Letdown Cooler 1A Tubeside Inlet Nozzle Pc. 5 to Channel Body Pc. 3. |
|-------------|--------------------------------------|-----|------------------------|----------|------------------------|----|----------------|-------|--------------------------------------------------------------------------|
| Class A | | | | | Nozzle to Channel E | | | | |
| B03.150.002 | 1-51A-18792-1-V-6 Circumferential | 51A | 18792-1 OM-201-3107 | NDE-3630 | UŢ | SS | 3.000 0.875 | 40411 | Letdown Cooler 1A Tubeside Outlet Nozzle Pc. 5 to Channel Body Pc. 3. |
| Class A | | | | | Nozzle to Channel E | | | | |

Total B03.150 Items:

| | | i î |
|-----|----|-----|
| EOC | 23 | - |

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Nozzels In Vessels - Inspection Program B

Inservice Inspection Database Management System Oconee 1

Plan Report Page 5 02/14/2007

Section 9 for Request for Relief.

Heat Exchangers (Primary Side)

CATEGORY B-D, Full Penetration Welded

Inservice Inspection Plan for Interval 4 Outage 2

| ITEM NUMBE | R ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ I | MAT/SCH | DIA/THK CA | L BLOCKS | COMMENTS |
|-------------|-----------------------|------|-----------------|------|------------|---------|------------|----------|-----------------------------------------------------|
| **** Nozzle | Inside Radius Section | **** | | | | | | | |
| B03.160.001 | 1-51A-18792-1-V-2 | | 18792-1 | TBD | UT | SS | 3.000 | TBD | Letdown Cooler 1A Tubeside Inlet Nozzle Pc. 5 to |
| | | 51A | OM-201-3107 | | | | 0.875 | | Channel Body Pc. 3. (Inside Radius Section). This |
| Class A | | | | | Nozzle to | | | | item will not be examined, reference Section 9 for |
| | | | | | Channel Bo | ody | | | Request for Relief. |
| B03.160.002 | 1-51A-18792-1-V-6 | | 18792-1 | TBD | UT | SS | 3.000 | TBD | Letdown Cooler 1A Tubeside Outlet Nozzle |
| | | 51A | OM-201-3107 | | | | 0.875 | | Pc. 5 to Channel Body Pc. 3. (Inside Radius |
| Class A | | | | | Nozzle to | | | | Section). This item will not be examined, reference |

Class A

Channel Body

Total B03.160 Items: 2 14

Total B03 Items:

| EOC 23 | | | | | | | | | \bigcirc | | | |
|------------------------|---------------------------------------------------|------------------------|---------|-------------|---------|-------------------|--------|-----------------------------------|----------------------|--|--|--|
| CATEGORY B-G-1, | Pressure Re | etaining Bolting, INSI | | PECTION PL | | | | | | | | |
| Greater Than 2 in. I | | | | on Database | | | | | Plan Report | | | |
| Reactor Vessel | | | | Oconee 1 | | | | | Page 6 02/14/2007 | | | |
| | Inservice Inspection Plan for Interval 4 Outage 2 | | | | | | | | | | | |
| ITEM NUMBER ID I | NUMBER | SYS ISO/DWG NUMBERS | PROC | INSP REQ I | MAT/SCH | DIA/THK CAL | BLOCKS | COMMENTS | | | | |
| **** Threads in Flange | **** | | | | | | | | | | | |
| B06.040.001 1-RPV-LIG | AMENTS | OM-201-1007 | NDE-640 | ·UT | CS | 200.000 12.500 | 40387 | Reactor Vessel Flange Threads 60. | s. Stud Holes 1 Thru | | | |
| Class A | | | | | | | | | | | | |
| Total B06.040 Items: | 1 | | | | | | | | | | | |
| Total B06 Items: | 1 | | | | | | | | | | | |
| | | | | | | | | | | | | |
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| EOC | 23 | 1 |

DUKE ENERGY CORPORATION CATEGORY B-G-2, Pressure Retaining Bolting, 2 in And Less In Diameter Inservice Inspection Database Management System

in. And Less In Diameter

| in. And Les | <u>ss In Diameter</u> | Inserv | | Plan Report Page 7 | | | | |
|---------------|-----------------------|---------------------|--------|-----------------------|---------|--------------------|-----------|-----------------------------|
| Pressuriz | er | | | | | | | |
| | | Ins | | 02/14/2007 | | | | |
| ITEM NUMBER | R ID NUMBER | SYS ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | |
| **** Bolts, S | tuds, and Nuts **** | | | | | | | |
| B07.020.001 | 1-PZR-UHB-STUDS | OM-201-9 | NDE-62 | VT-1 | CS | 2.000 | | er Bundle Studs Pc. 75 and |
| | | OM-201-1262 | | | | 0.000 | • | = 17.875. Examine all studs |
| Class A | | | | | | | and nuts. | |

Total B07.020 Items:

| EOC 23 | | | | DUKE | | BPOBATIC |)N | |
|----------------|-----------------------|------------------|--------------------|-------------|--------------|-------------|--------------------|---------------------------------------------------|
| CATEGOR | Y B-G-2, Pressu | <u>re Retair</u> | ing Bolting, 2 INS | | SPECTION F | | | |
| in. And Les | <u>ss In Diameter</u> | | Inserv | vice Inspec | tion Databas | se Managen | nent System | Plan Report |
| Valves | | | | | Oconee | 1 | | Page 8 |
| | | | Ins | ervice Ins | pection Pla | n for Inter | val 4 Outage 2 | 02/14/2007 |
| ITEM NUMBER | R ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REC | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| **** Bolts, St | tuds, and Nuts **** | | | | | | | |
| B07.070.005 | 1LP-176-STUDS | | OM-245-2315 | NDE-62 | VT-1 | CS | 1.375 | A-Side LPI 10" Valve 1LP-176 Bolting. Inspect one |
| | | 53A | O-ISIN4-102A-1.3 | | | | 0.000 | of the following valves: 1LP-176 or 1LP-177. |
| Class A | | | | | | | | 16 Studs & Nuts. Examine all studs and nuts. |
| | | | | | | | | |
| Total B07.07 | '0 Items: 1 | _ | | | | | | |
| Total B07 Ite | ems: 2 | | | | | | | |

| EOC 23 | y menos 2 V menos | | | | | | | | |
|--------------|-------------------------|--------|------------------|--------------|-----------------------------|----------|------------|------------|-----------------------------------------------------------------------------------------------------------|
| CATEGOF | RY B-J, Pressure Re | tainin | a Welds In | - + = - | NERGY CORPO PECTION PLAN | | | | |
| Piping | | | | | on Database Ma | | | ı | Plan Report |
| NPS 4 or | Larger | | | | Oconee 1 | | | | Page 9 |
| | . <u></u> | | Inse | ervice Inspe | ection Plan fo | r Interv | al 4 Outag | ge 2 | 02/14/2007 |
| ITEM NUMBE | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MA | T/SCH | DIA/THK C | AL BLOCKS | COMMENTS |
| **** Circum | ferential Welds **** | | | | | | | | |
| B09.011.008 | 1-53A-02-50L | | 1-53A-02(3) | NDE-600 | UT | SS | | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | Elbow to | | 1.250 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class A | | | | | Pipe | | | | block listed shall be used. |
| B09.011.008A | 1-53A-02-50L | | 1-53A-02(3) | NDE-35 | | SS | 14.000 | | |
| | Circumferential | | O-ISIN4-102A-1.3 | | | | 1.250 | | |
| Class A | | | | | Elbow to | | | | |
| | | | | | Pipe | . 7 | | | |
| B09.011.009 | 1LP-210-54LB | | 1LP-210 | NDE-600 | UT | SS | | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | Pipe to | | 1.000 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class A | | | | | Elbow | | | | block listed shall be used. This weld was listed previously as 1-53A-02-54LB |
| | | | | | | | | | on iso 1-53A-02(2) until it was transferred to iso 1LP-210. |
| B09.011.009A | 1LP-210-54LB | | 1LP-210 | NDE-35 | PT | SS | 10.000 | | This weld was listed previously as 1-53A-02-54LB |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | | | 1.000 | | on iso 1-53A-02(2) until it was transferred to iso |
| Class A | | | | | Pipe to Elbow | | | | 1LP-210. |
| P00 011 010 | 1LP-210-56L | | 1LP-210 | NDE-600 | | SS | 10.000 | Component | Procedure NDE-600 uses the component for |
| B09.011.010 | Circumferential | | O-ISIN4-102A-1.3 | PDI-UT-2 | UT | 50 | | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class A | Oleannerenna | 00/ | 0-10111-102711.0 | | Elbow to | | | | of NDE-600. If PDI-UT-2 is used, then the calibration |
| | | | | | Pipe | | | | block listed shall be used. |
| | | | | | | | | | This weld was listed previously as 1-53A-02-56L on iso 1-53A-02(2) until it was transferred to iso |
| | | | | | | | | | 1LP-210. |
| B09.011.010A | 1LP-210-56L | | 1LP-210 | NDE-35 | PT | SS | 10.000 | | This weld was listed previously as 1-53A-02-56L on |
| | Circumferential | | O-ISIN4-102A-1.3 | | | | 1.000 | • | iso 1-53A-02(2) until it was transferred to iso |
| Class A | | | | | Elbow to Pipe | | | | 1LP-210. |
| B09.011.015 | 1-53A-02-68L | | 1-53A-02(3) | NDE-600 | UT | SS | | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | | | 1.250 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class A | | | | | Pipe to Valve 1CF-11 | | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |

| EOC 23 | , (| | | | | | | | 4 |
|------------------|---------------------|--------|------------------|-------------|------------------------------|-----------|------------|------------|----------------------------------------------------------------------------------------------|
| CATEGOR | RY B-J, Pressure Re | tainin | a Welds In Inc. | | NERGY COR | | | | |
| Piping | | (unin) | | | PECTION PLA on Database I | | | n | Plan Report |
| NPS 4 or | larger | | | · | Oconee 1 | 0 | | | Page 10 |
| | | | Ins | ervice Insp | ection Plan f | or Inter | val 4 Outa | ge 2 | 02/14/2007 |
| | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | IAT/SCH | DIA/ТНК С | AL BLOCKS | COMMENTS |
| B09.011.015A | 1-53A-02-68L | | 1-53A-02(3) | NDE-35 | PT | SS | 14.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | D' I | | 1.250 | | |
| Class A | | | | | Pipe to Valve 1CF-1 | 11 | | | |
| B09.011.038 | 1SGB-W3 | | ISI-OCN1-010 | NDE-600 | | CS | 33.500 | Component | Steam Generator 1B Outlet Nozzle to Pump 1B2 |
| 609.011.036 | Circumferential | 50 | O-ISIN4-100A-1.1 | PDI-UT-1 | 01 | 03 | 3.500 | 40350 | Suction Piping. |
| Class A | Term end | 00 | OM 201.S0033.001 | | Nozzie to | | 0.000 | | Procedure NDE-600 uses the component for |
| | | | | | Pipe | | | | calibration. Procedure PDI-UT-1 may be used in lieu |
| | | | | | | | | | of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. |
| B09.011.038A | 1SGB-W3 | | ISI-OCN1-010 | NDE-25 | MT | CS | 33.500 | | Steam Generator 1B Outlet Nozzle to Pump 1B2 |
| 609.011.036A | Circumferential | 50 | O-ISIN4-100A-1.1 | NDE-20 | IVI I | 03 | 33.500 | | Steam Generator TB Outlet Nozzle to Pump TB2 Suction Piping. |
| Class A | Term end | 00 | OM 201.S0033.001 | | Nozzle to | | 0.000 | | Weld W3 is listed on OM 201.S0033.001 but |
| | | | | | Pipe | | | | drawing ISI-OCN1-010 is listed as the iso to show |
| | | | | | | | | | where the weld is located on the 1B2 Suction Piping Loop. |
| B09.011.047 | 1-PSL-7 | | ISI-OCN1-015 | NDE-600 | UT | SS | 10.750 | Component | Pressurizer Surge Piping. Elbow Pc. 80 to Pipe Pc. |
| 609.011.047 | Circumferential | 50 | O-ISIN4-100A-1.1 | PDI-UT-2 | 01 | 33 140 | | PDI-UT-2-O | 84. |
| Class A | Stress weld | 00 | | 1 81 01 2 | Elbow to | | | | Procedure NDE-600 uses the component for |
| | | | | | Pipe | | | | calibration. Procedure PDI-UT-2 may be used in lieu |
| | | | | | | | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| B09.011.047A | 1 DCI 7 | | ISI-OCN1-015 | NDE-35 | PT | SS | 10.750 | | Bracquirizer Surge Dining Elbour De 20 to Dine De |
| D09.011.047A | Circumferential | 50 | O-ISIN4-100A-1.1 | NDE-35 | F I | 33 140 | 1.000 | | Pressurizer Surge Piping. Elbow Pc. 80 to Pipe Pc. 84. |
| Class A | Stress weld | 00 | | | Elbow to | | | | |
| | | | | | Pipe | | | | |
| B09.011.048 | 1-PSL-8 | | ISI-OCN1-015 | NDE-600 | UT | SS | | Component | Pressurizer Surge Piping. Elbow Pc. 80 to Pipe Pc. |
| | Circumferential | 50 | O-ISIN4-100A-1.1 | PDI-UT-2 | | 140 | 1.000 | PDI-UT-2-O | 84. |
| Class A | Stress weld | | | | Elbow to Pipe | | | | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu |
| | | | | | Fibe | | | | of NDE-600. If PDI-UT-2 is used, then the calibration |
| | | | | | | | | | block listed shall be used |
| B09.011.048A | 1-PSL-8 | | ISI-OCN1-015 | NDE-35 | PT | SS | 10.750 | | Pressurizer Surge Piping. Elbow Pc. 80 to Pipe Pc. |
| | Circumferential | 50 | O-ISIN4-100A-1.1 | | | 140 | 1.000 | | 84. |
| Class A | Stress weld | | | | Elbow to Pino | | | | |
| | | | | | Pipe | | | | |

| EOC 23 | an e L | | | | | | | | . () | |
|-------------------------|----------------------------------------------|----------|----------------------------------|---------------------|------------------------------------------------------------|-----------|-----------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| CATEGO | RY B-J, Pressure R | lotainin | a Welde In | | ENERGY CORI | | | | | |
| Piping NPS 4 or | | etaining | Inserv | vice Inspecti | SPECTION PL/ ion Database Oconee 1 pection Plan 1 | Managen | ment System | | Plan Repo Page 02/14/20 | 11 |
| ITEM NUMBE | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | /AT/SCH | DIA/THK C. | AL BLOCKS | COMMENTS | |
| B09.011.049 Class A | 1-PSL-9 Circumferential Stress weld | | ISI-OCN1-015 O-ISIN4-100A-1.1 | NDE-600 PDI-UT-2 | UT Elbow to Pipe | SS 140 | | Component PDI-UT-2-O | Pressurizer Surge Piping. Elbow Pc. 80 to Pipe 85. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used i of NDE-600. If PDI-UT-2 is used, then the calib block listed shall be used. | in lieu |
| B09.011.049A Class A | A 1-PSL-9 Circumferential Stress weld | | ISI-OCN1-015 O-ISIN4-100A-1.1 | NDE-35 | PT Elbow to Pipe | SS 140 | 10.750 1.000 | | Pressurizer Surge Piping. Elbow Pc. 80 to Pipe 85. | ∋ Pc. |
| B09.011.051 Class A | 1-PSP-2 Circumferential Stress weld | | ISI-OCN1-016 O-ISIN4-100A-1.1 | NDE-600 PDI-UT-2 | UT Elbow to Pipe | SS 120 | | Component PDI-UT-2-O | Pressurizer Spray Piping. Elbow Pc. 91 to Pipe 90. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used i of NDE-600. If PDI-UT-2 is used, then the calib block listed shall be used. | in lieu |
| B09.011.051A Class A | A 1-PSP-2 Circumferential Stress weld | | ISI-OCN1-016 O-ISIN4-100A-1.1 | NDE-35 | PT Elbow to Pipe | SS 120 | 4.000 0.438 | | Pressurizer Spray Piping. Elbow Pc. 91 to Pipe 90. | € Pc. |
| B09.011.052 Class A | 1-PSP-3 Circumferential Stress weld | | ISI-OCN1-016 O-ISIN4-100A-1.1 | NDE-600 PDI-UT-2 | UT Elbow to Reducer | SS 120 | | Component PDI-UT-2-O | Pressurizer Spray Piping. Elbow Pc. 91 to Red Pc. 102. Procedure NDE-600 uses the compon for calibration. Procedure PDI-UT-2 may be use lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. | nent |
| | A 1-PSP-3 Circumferential Stress weld | | ISI-OCN1-016 O-ISIN4-100A-1.1 | NDE-35 | PT Elbow to Reducer | SS 120 | 4.000 0.438 | | Pressurizer Spray Piping. Elbow Pc. 91 to Red Pc. 102. | ucer |
| | 1-PIB2-4 Circumferential Stress weld | | ISI-OCN1-010 OM-201-1845 | NDE-600 PDI-UT-1 | UT Pipe to Elbow | CS | 33.500 2.330 | Component 40350 | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used i of NDE-600. If PDI-UT-1 is used, then the calib block listed shall be used. | |
| | A 1-PIB2-4 Circumferential Stress weld | | ISI-OCN1-010 OM-201-1845 | NDE-25 | MT Pipe to Flbow | • CS | 33.500 2.330 | | · . | |

Elbow

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DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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| CATEGO | CATEGORY B-J, Pressure Retaining Welds In INSERVICE INSPECTION PLAN MANAGEMENT | | | | | | | | | | | |
|---------------------------------------------------|-----------------------------------------------------------------------------------|-----|------------------------------|---------------------|------------------------|---------|-----------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Piping | | | | rvice Inspect | | | | n | Plan Report | | | |
| NPS 4 of | r Larger | | | | Oconee 1 | 1 | | Page 12 | | | | |
| Inservice Inspection Plan for Interval 4 Outage 2 | | | | | | | | | | | | |
| ITEM NUMBI | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK C | CAL BLOCKS | COMMENTS | | | |
| B09.011.062 Class A | 1-PIA1-3 Circumferential Stress weld | 50 | ISI-OCN1-007 B&W 131914E6 | NDE-600 PDI-UT-1 | UT Elbow to Pipe | CS | 33.500 2.330 | Component 40350 | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. | | | |
| B09.011.062A Class A | A 1-PIA1-3 Circumferential Stress weld | 50 | ISI-OCN1-007 B&W 131914E6 | NDE-25 | MT Elbow to Pipe | CS | 33.500 2.330 | | | | | |
| B09.011.063 Class A | 1-PIA1-5 Circumferential Stress weld | 50 | ISI-OCN1-007 B&W 131914E6 | NDE-600 PDI-UT-1 | UT Elbow to Pipe | CS | 33.500 2.330 | Component 40350 | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. | | | |
| B09.011.063A Class A | 1-PIA1-5 Circumferential Stress weld | 50 | ISI-OCN1-007 B&W 131914E6 | NDE-25 | MT Elbow to Pipe | CS | 33.500 2.330 | | | | | |
| B09.011.077 Class A | 1RC-289-3V Circumferential Stress weld | | ISI-OCN1-010 1RC-289 | NDE-600 PDI-UT-1 | UT Pipe to Elbow | CS | 33.500 3.500 | Component 40350 | Weld 3V is listed on weld iso 1RC-289 but drawing ISI-OCN1-010 is listed as the iso to show where the weld is located on the 1B2 Suction Piping Loop. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. | | | |
| B09.011.077A Class A | 1RC-289-3V Circumferential Stress weld | 50 | ISI-OCN1-010 1RC-289 | NDE-25 | MT Pipe to Elbow | CS | 33.500 3.500 | | Weld 3V is listed on weld iso 1RC-289 but drawing ISI-OCN1-010 is listed as the iso to show where the weld is located on the 1B2 Suction Piping Loop. | | | |
| B09.011.078 Class A | 1-PIB2-3 Circumferential Stress weld | 50 | ISI-OCN1-010 OM-201-1845 | NDE-600 PDI-UT-1 | UT Elbow to Pipe | CS | 33.500 2.330 | Component 40350 | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. | | | |
| B09.011.078A Class A | 1-PIB2-3 Circumferential Stress weld | | ISI-OCN1-010 OM-201-1845 | NDE-25 | MT Elbow to | CS | 33.500 2.330 | | | | | |

Pipe

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| | | 1 I. |
| EOC | 23 | See of |

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| CATEGOR Piping | RY B-J, Pressure Re | etainin | | SERVICE INS | SPECTION Pl | AN MAN | AGEMENT | | | |
|-------------------------|--------------------------------------------|---------|-----------------------------|---------------------|-------------------------|---------|-----------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| NPS 4 or Larger | | | | ervice Insp | Oconee 1 ection Plan | | val 4 Outaç | Plan Report Page 13 02/14/2007 | | |
| | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK C | AL BLOCKS | COMMENTS | |
| B09.011.079 Class A | 1-PIB2-5 Circumferential Stress weld | 50 | ISI-OCN1-010 OM-201-1845 | NDE-600 PDI-UT-1 | UT Elbow to Pipe | CS | 33.500 2.330 | Component 40350 | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. | |
| B09.011.079A Class A | 1-PIB2-5 Circumferential Stress weld | 50 | ISI-OCN1-010 OM-201-1845 | NDE-25 | MT Elbow to Pipe | CS | 33.500 2.330 | | | |
| Total B09.0 |)11 Items: 32 | | | | | | | | | |

| | y an en est | | | | ľ: | | | | |
|-------------|----------------------------------------|----------|------------------|-------------|---------------------------|-----------|--------------------|----------------------|------------------------------------------|
| EOC 23 | | | | D | | | | | |
| CATEGO | RY B-J, Pressure R | letainin | a Welds In | | ENERGY COP SPECTION PL | | | | |
| Piping | ······································ | | | | | | ment System | | Plan Report |
| | an NPS 4 | | | | Oconee 1 | - | | | Page 14 |
| | | | Ins | ervice Insp | ection Plan | for Inter | rval 4 Outage 2 | | 02/14/2007 |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | | | DIA/THK CAL BLOCKS | 6 COMMENTS | |
| **** Circun | nferential Welds **** | | | | | | | | |
| B09.021.030 | 1-PSP-13 | | ISI-OCN1-016 | NDE-35 | PT | SS | 2.875 | | · |
| | Circumferential | 50 | O-ISIN4-100A-1.2 | | | 160 | 0.375 | | |
| Class A | Stress weld | | | | Pipe to | | | , | |
| | | | | | Elbow | | | | |
| B09.021.033 | 1-PSP-5 | | ISI-OCN1-016 | NDE-35 | PT | SS | 2.875 | | |
| | Circumferential | 50 | O-ISIN4-100A-1.2 | | | 160 | 0.375 | | |
| Class A | Stress weld | | | | Pipe to | | | | |
| | | | | | Elbow | | | | |
| B09.021.036 | 1-PSP-9 | | ISI-OCN1-016 | NDE-35 | PT · | SS | 2.875 | | |
| | Circumferential | 50 | O-ISIN4-100A-1.2 | | | 160 | 0.375 | | |
| Class A | Stress weld | | | | Valve 1RC | -3 to | | | |
| | | | | | Pipe | | | | |
| B09.021.044 | 1HP-279-24 | | 1HP-279 | NDE-35 | ΡT | SS | 2.500 | | |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | | 0.375 | | |
| Class A | Stress weld | | | | Pipe to | | | | |
| | | | | | Valve 1HP | | | | |
| B09.021.046 | 1RC-199-149 | | 1RC-199 | NDE-35 | PT | SS | 2.500 | | previously as 1-51A-11-3 until |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | 160 | 0.375 | | Irawn. Revision 2 to iso |
| Class A | Stress weld | | | | Pipe to | 107 | | changed weld numbe | er to 1-RC-199-149. |
| <u> </u> | | | | | Valve 1HP | | | | |
| B09.021.047 | 1RC-199-150 | | 1RC-199 | NDE-35 | PT | SS | 2.500 | | |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | 160 | 0.375 | | |
| Class A | Stress weld | | | | Valve 1HP | | | | |
| | | | | | Valve 1HP | | | | · · · · · · · · · · · · · · · · · · · |
| B09.021.048 | 1RC-200-160 | | 1RC-200 | NDE-35 | PT | SS | 2.500 | | previously as 1-51A-11-26 until |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | Pipe to | 160 | 0.375 | changed weld number | Irawn. Revision 2 to isometric |
| Class A | Stress weld | | | | Valve 1HP | -126 | | shangoa wala hallibe | |
| B09.021.050 | 1RC-200-166 | | 1RC-200 | NDE-35 | PT | SS | 2.500 | | , <u>, , , , , , , , , , , , , , , ,</u> |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | 160 | 0.375 | | |
| Class A | Stress weld | 0 | | | Valve 1HP | | | | |
| | | | | | Valve 1HP | -126 | | | |

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| EOC 23 | (| · | | | | | | | | |
|---------------|---------------------------|---------------------------------------|------------------|------------------------------------------------|----------------------|-------------|-----------------------------------------|----------------------------------------------------------|--|--|
| CATEGO | <u>RY B-J, Pressure R</u> | <u>etainin</u> | | DUKE E INSERVICE INS nservice Inspection | PECTION F | | AGEMENT | | | |
| | an NPS 4 | | | | Oconee | - | | Plan Report Page 15 | | |
| 2000 111 | | | | Inservice Insp | ection Pla | n for Inter | val 4 Outage 2 | 02/14/2007 | | |
| | ER ID NUMBER | SYS | ISO/DWG NUMBE | ERS PROC | INSP REC | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | | |
| B09.021.053 | 1RC-201-91 | | 1RC-201 | NDE-35 | PT | SS | 2.500 | | | |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | | 0.375 | | | |
| Class A | Stress weld | | | | Valve 1H Valve 1H | | | | | |
| B09.021.055 | 1RC-201-96 | | 1RC-201 | NDE-35 | PT | SS | 2.500 | | | |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | | 0.375 | | | |
| Class A | Stress weld | | | | Valve 1H | | | | | |
| | | | | | Valve 1H | P-153 | | | | |
| B09.021.056 | 1RC-201-97 | | 1RC-201 | NDE-35 | PT | SS | 2.500 | This weld was listed previously as 1-51A-11-90 until | | |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | | 0.375 | iso 1-51A-11 was redrawn. Revision 2 to isometric | | |
| Class A | Stress weld | | | | Pipe to | | changed weld number from 1RC-201-4.Weld | | | |
| Valve 1HP-153 | | | | | | | | 1-51A-11-90 was deleted and weld 1RC-201-97 replaced it. | | |
| B09.021.060 | 1-PSP-23 | · · · · · · · · · · · · · · · · · · · | ISI-OCN1-016 | NDE-35 | PT | SS | 2.875 | Duke weld no. 1-50-03-19 | | |
| | Circumferential | 50 | 1-50-03(1) | | | 160 | 0.375 | | | |
| Class A | Stress weld | | | | Elbow to | | | | | |
| | | | | | Nozzle N | CP 1A1 disc | ch nozzle | | | |

Total B09.021 Items: 12

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| EOC 23 | | | | | | | ` | | · · · · · · · · · · · · · · · · · · · |
|-------------------------|----------------------------------------------|--------|------------------------------------------------|----------------------------------------|--------------------------------------|--------|-----------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>CATEGO</u> Piping | RY B-J, Pressure Ret | tainir | Inser | DUKE E SERVICE INS vice Inspecti | Plan Report Page 16 02/14/2007 | | | | |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | AT/SCH | DIA/THK C | AL BLOCKS | COMMENTS |
| **** NPS 4 | or Larger **** | | | | | | | | |
| B09.031.001 Class A | 1-PHA-16 Branch Stress weld | 50 | ISI-OCN1-005 O-ISIN4-100A-1.1 OM-201-594 | NDE-600 PDI-UT-1 | UT Pipe to Nozzle | CS | 23.000 2.875 | Component 40350 | 36" ID Pipe Pc. 23 to Surge Nozzle Pc. 25. The NPS of the branch piping is 10 inches. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used; then the calibration block listed shall be used. |
| B09.031.001/ Class A | A 1-PHA-16 Circumferential Stress weld | 50 | ISI-OCN1-005 O-ISIN4-100A-1.1 OM-201-594 | NDE-25 | MT Pipe to Nozzle | CS | 23.000 2.875 | | 36" ID Pipe Pc. 23 to Surge Nozzle Pc. 25. The NPS of the branch piping is 10 inches. |
| Total B09.0 | 031 Items: 2 | | | | | | | | |
| **** Less T | han NPS 4 **** | | | | | | | | |
| B09.032.002 Class A | 1-PDA1-12 Branch Stress weld | 50 | ISI-OCN1-011 O-ISIN4-100A-1.1 OM-201-603 | NDE-35 | PT Safe End to Nozzle | SS | 12.000 2.500 | | Safe End Pc. 213 to Pressure Spray Nozzle Pc. 51. The NPS of the branch piping is 2.5 inches. |
| B09.032.007 Class A | 1-PIA1-10 Branch Stress weld | 50 | ISI-OCN1-007 B&W 131918E6 | NDE-25 NDE-35 | MT Nozzle to Pipe | CS | 12.000 2.250 | | The NPS of the branch piping is1.5 inches. A PT examination using procedure NDE-35 may be performed in lieu of the MT examination. |
| Total B09.0 | 032 items: 2 | | | | | | | | |

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| EOC 23 | y a consecutiv L Secutiv | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|-------------|--------------|-----------|-------------------|----------------------------------------|------------------------|--|--|--|
| CATEGORY B-J, Pressure Retaining Welds In DUKE ENERGY CORPORATION Piping INSERVICE INSPECTION PLAN MANAGEMENT | | | | | | | | | | | |
| Socket V | <u>Velds</u> | | | Oconee 1 | | | | Plan Report Page 17 | | | |
| | | Ins | ervice Insp | pection Plan | for Inter | val 4 Outage 2 | | 02/14/2007 | | | |
| ITEM NUMB | ER ID NUMBER | SYS ISO/DWG NUMBERS | PROC | INSP REQ N | /AT/SCH | DIA/THK CAL BLOCK | S COMMENTS | | | | |
| | | | | | | | 、 | | | | |
| B09.040.005 | 1-51A-07-93 | 1-51A-07(1) | NDE-35 | PT | SS | 1.500 | | | | | |
| | Socket | 51A O-ISIN4-100A-1.1 | | | | 0.281 | | | | | |
| Class A | | | | Pipe to | | | | | | | |
| | | | | Valve 1RC4 | 13 | | | | | | |
| B09.040.006 | 1-51A-07-99 | 1-51A-07(1) | NDE-35 | PT | SS | 1.500 | | | | | |
| | Socket | 51A O-ISIN4-100A-1.1 | | | | 0.281 | | | | | |
| Class A | | | | Elbow to | | | | | | | |
| | | | | Pipe | | | | | | | |
| B09.040.007 | 1-51A-134A-39 | 1-51A-134A | NDE-35 | PT | SS | 2.500 | | | | | |
| | Socket | 51A O-ISIN4-101A-1.1 | | | | 0.375 | | | | | |
| Class A | | | | Pipe to | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | Full Couplir | g | | | | | | |
| B09.040.009 | 1-51A-135-28 | 1-51A-135 | NDE-35 | PT | SS | 2.500 | | | | | |
| | Socket | 51A O-ISIN4-101A-1.1 | | | | 3.750 ົ | | | | | |
| Class A | | | | Pipe to | | | | | | | |
| | | | | Reducer Co | oupling | | | | | | |
| Total B09.0 |)40 Items: 4 | | | | | | ······································ | | | | |

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Total B09 Items: 52

| EOC 23 | y san Ny 1 Ny san | | | | | | | | |
|------------------------|-------------------------------------------|-------------------------------------|------------------|-------------------------------------------|-----------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--|
| | RY B-K, Welded Atta Piping, Pumps, And | | ERVICE IN | ENERGY COR SPECTION PL ion Database | | Plan Report | | | |
| Pressure | | | ervice Insp | Oconee 1 pection Plan | for Inter | | Page 18 02/14/2007 | | |
| ITEM NUMBE | ER ID NUMBER | SYS ISO/DWG NUMBERS | PROC | INSP REQ N | /AT/SCH | DIA/THK CAL BLOCKS | COMMENTS | | |
| **** Welded | I Attachments **** | | | | | | | | |
| B10.010.013 Class A | 1-LDCA-SUPPORTS Circumferential | OM-201-3107 51A O-ISIN4-101A-1.1 | NDE-25 NDE-35 | MT Support to Casing She | CS | 0.000 0.000 | Letdown Cooler 1A Support Pc. 12 to Casing PT examination using pr performed in lieu of or in examination for this item | ocedure NDE-35 may be conjunction with MT | |
| Total B10.0 | 10 Items: 1 | | | | | | | | |

| <u>Vessels,</u> | | /elded Atta umps, And | | | ERVICE IN | SPECTION | - | | | Plan Report Page 19 |
|------------------------|-------------------------|--------------------------|-----|-----------------------------------|-----------|------------|----|--------------------|-------------------------------------|--------------------------------------|
| Piping | | | | Inse | | 02/14/2007 | | | | |
| | BER ID | NUMBER | SYS | ISO/DWG NUMBERS | PROC . | | | DIA/THK CAL BLOCKS | COMMENTS | |
| **** Welde | ed Attachme | nts **** | | | | | | | | |
| B10.020.001 Class A | 1-50-0-48 Spring Hgr | 1A-H6 | 50 | 1-50-01/sht.1 O-ISIN4-100A-1.2 | NDE-35 | PT | NA | 0.000 0.154 | Calculation No. with F01.012.003 | OSC-1314-06, page 129. Inspect 3. |
| B10.020.017 Class A | 1-53A-0-4 Spring Hgr | 79A-H8B | 53A | 1-53-08 O-ISIN4-102A-1.3 | NDE-35 | PT | NA | 0.000 1.500 | Calculation No. 0 F01.012.010. | DSC-1300. Inspect with |
| Total B10 | .020 Items: | 2 | | | | | | | | <u> </u> |
| Total B10 | Items: | 3 | | | | | | | | |
| | | | | | | | | | | |

| EOC 23 | () | | | | | | | | |
|------------------|-------------------|--------|-----------------|--------------|---------------------|-----------|--------------------|-------------------------|-----------------|
| CATEGORY | Y B-L-1, Pressure | Retain | | SERVICE INS | ENERGY CORI | | | | |
| <u>Pump Casi</u> | ngs | | Inser | vice Inspect | tion Database | Managen | Plan Report | | |
| Pumps | | | | | Oconee 1 | | Page 20 | | |
| | | | Ins | ervice Insp | pection Plan | for Inter | val 4 Outage 2 | | 02/14/2007 |
| ITEM NUMBER | R ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | /AT/SCH | DIA/THK CAL BLOCKS | COMMENTS | |
| **** Pump Ca | asing Welds **** | | | | | | | | |
| B12.010.001 | 1RCP-1A1 | | OM-201.D-35 | NDE-65 | VT-1 | SS | 77.000 | Reactor Coolant Pump 1/ | A1 Casing Weld. |
| | | 50 | OM-201-1148 | | | | 0.000 | | - |
| Class A | | | ISI-OCN1-007 | | Casing to Casing | | | | |

| EOC 23 | | Potoining Woldo In | | | | | Are and a second |
|-------------------------------|---------------------------------|-------------------------------------|------------|----------------------------|----|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Valve Bodi | | | | SPECTION P | | | Plan Report |
| Valves | | Ins | ervice Ins | Page 21 02/14/2007 | | | |
| ITEM NUMBER | R ID NUMBER | SYS ISO/DWG NUMBERS | PROC | | | DIA/THK CAL BLOCKS | COMMENTS |
| **** Valves, | Less Than NPS 4; Val | ve Body Welds **** | | | | | 、 |
| B12.030.001 (Class A | 1-51A-HP-126 Circumferential | OM-245-1910 51A O-ISIN4-101A-1.4 | NDE-35 | PT Body to Bonnet Ex | SS | 2.500 0.000 | Valve 1HP-126 Body to Bonnet Extention Weld. Inspect one of the following valves: 1HP-126, 1HP-127, 1HP-152, or 1HP-153. |
| Total B12.03 Total B12 Ite | | , , | | | | | |

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EOC 23 DUKE ENERGY CORPORATION **CATEGORY C-A, Pressure Retaining Welds In** INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System **Pressure Vessels** Plan Report Oconee 1 Page 22 Shell Circumferential Welds 02/14/2007 Inservice Inspection Plan for Interval 4 Outage 2 ITEM NUMBER PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS **ID NUMBER** SYS ISO/DWG NUMBERS COMMENTS 1-LDFTRA-SH-FL NDE-35 ΡT SS Letdown Filter 1A. OM 201-129 C01.010.003 0.000 0.109 Circumferential 51A O-ISIN4-101A-1.2

Shell to

Flange

OM 201-128

Total C01.010 Items:

1

Class B

| EOC 23 | a gana day I | | | | | | | | | | | |
|---------------------------|-------------------------------------|---------|--------------------------------|---------------------------------------------------------------|-------------------|---------|----------------|----------|-------------------------|--------------------|--|--|
| <u>CATEGO</u> Pressure | RY C-A, Pressure R Vessels | etainin | | DUKE E SERVICE INS vice Inspectio | PECTION F | | GEMENT | | | Plan Report | | |
| | rcumferential Welds | | Ins | Oconee 1 Inservice Inspection Plan for Interval 4 Outage 2 | | | | | | | | |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/ŢHK CA | L BLOCKS | COMMENTS | • | | |
| C01.020.001 | 1-LDFTRA-HD-SH-1 Circumferential | 51A | OM 201-129 O-ISIN4-101A-1.2 | NDE-35 | PT | SS | 0.000 | | Letdown Filter 1A. | | | |
| Class B | | | OM 201-128 | | Upper He Shell | ad to | | | | | | |
| C01.020.002 | 1-LDFTRA-HD-SH-2 Circumferential | 51A | OM 201-129 O-ISIN4-101A-1.2 | NDE-35 | PT | SS | 0.000 0.187 | | Letdown Filter 1A. | | | |
| Class B | | | OM 201-128 | | Lower He Shell | ad to | | | | | | |
| C01.020.003 | 1-LST-HD-SH-1 Circumferential | 51B | OM 201-63 O-ISIN4-101A-1.2 | NDE-3630 | UT | SS | 0.000 0.375 | 50469 | Letdown Storage Tank Up | per Head to Shell. | | |
| Class B | | | | | | | | | | | | |
| C01.020.004 Class B | 1-LST-HD-SH-2 Circumferential | 51B | OM 201-63 O-ISIN4-101A-1.2 | NDE-3630 | UT | SS | 0.000 0.375 | 50469 | Letdown Storage Tank Lo | wer Head to Shell. | | |

Total C01.020 Items: 4

5

Total C01 Items:

ITEM NUMBER

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Welds In Vessels

Nozzles Without Reinforcing Plate in Vessels > 1/2 in. Nom. Thickness ID NUMBER

2

CATEGORY C-B, Pressure Retaining Nozzle

Oconee 1 Inservice Inspection Plan for Interval 4 Outage 2

INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS

Plan Report Page 24 02/14/2007

**** Nozzle-to-Shell (Nozzle to Head or Nozzle to Nozzle) Weld ****

SYS ISO/DWG NUMBERS

| | | / | | | | | | |
|-------------------------|----|---------------|---------|-----------|----|--------|---------|------------------------------------------------|
| C02.021.002 1-SGA-W128 | · | OM-201.S-0001 | NDE-640 | UT | CS | 24.000 | 20T-240 | Steam Generator 1A Main Steam Nozzle to Shell. |
| Circumferential | 03 | OM-201.S-0026 | NDE-820 | | | 5.125 | | X-2/Y-1 Quadrant Quadrant. |
| Class B | | OM-201.S-0157 | | Nozzle to | | | | |
| | | | | Shell | | | • | |
| C02.021.002A 1-SGA-W128 | | OM-201.S-0001 | NDE-25 | MT | CS | 24.000 | | Steam Generator 1A Main Steam Nozzle to Shell. |
| Circumferential | 03 | OM-201.S-0026 | | | | 5.125 | | X-2/Y-1 Quadrant Quadrant. |
| Class B | | OM-201.S-0157 | | Nozzle to | | | | |
| | | | | Shell | | | | |

PROC

Total C02.021 Items: 2

Total C02 Items:

| EOC 23 | La contraction of the second s | | | | | | | (| | |
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| | <u>Y C-C, Welded Atta</u> iping, Pumps, And | | | ERVICE INS | ENERGY CON SPECTION PL ion Database | LAN MANA | GEMENT | Plan Report | | |
| Pressure | Vessels | | | | Oconee 1 | | | Page 25 | | |
| | | | Ins | ervice Insp | pection Plan | 02/14/2007 | | | | |
| ITEM NUMBER | R ID NUMBER | SYS ISC | D/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | | |
| **** Welded | Attachments **** | | | | | | | | | |
| C03.010.001 | 1-LD-FTR-A | | 201-0128 SIN4-101A-1.2 | NDE-35 | PT | NA | 0.000 0.250 | Letdown Filter 1A Support Leg Attachments (3 Support Legs). Only 1 Welded Attachment Required | | |
| Class B | | | | | Angle to Filter Hous | sing | | to be Examined, Inspector shall specify which attachment was examined for future interval reference. Item rescheduled as a reult of PIP O-06-4249. | | |
| C03.010.002 | 1-LS-TANK | OM | 201-63 | NDE-35 | PT | NA | 0.000 | Letdown Storage Tank. (4 Suport Legs). | | |
| | | 51B O-IS | SIN4-101A-1.2 | | | • | 0.000 | | | |
| Class B | | | | | | | | | | |
| C03.010.009 | 1-RCSR-COOLER-A | OM- | 201-0086 | NDE-35 | PT | SS | 0.000 | Reactor Coolant Seal Return Cooler 1A. (2 Support | | |
| | | 51B O-IS | SIN4-101A-1.1 | | | | 0.187 | Legs) Only 1 Welded Attachment Required to be | | |
| Class B | | | | | Plate to Shell | | | Examined, Inspector shall specify which attachment was examined for future interval reference. Item rescheduled as a result of PIP O-06-4249. Item added to Outage 2 as an additional exam per IWC-2430 (a). Reference PIP O-06-7569. | | |

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Total C03.010 Items:

3

1

| | Y C-C, Welded Att | | | | Plan Report | | | | |
|---------------------------------------------------------------|-------------------------------------|-----|-----------------------------------------------------|--------|-----------------|---------|-------------------|--------------------------------------|---------------------------------------|
| Oconee 1 Inservice Inspection Plan for Interval 4 Outage 2 | | | | | | | | | Page 26 02/14/2007 |
| ITEM NUMBEI | R ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCH | (S COMMENTS | |
| **** Welded | Attachments **** | | ····· | | | | | | |
| C03.020.051 I Class B | 1-51-0-436H-SR15 Rigid Restraint | | 1-51-02/sht.1 O-ISIN4-101A-1.2 O-1AB-15102-01 | NDE-35 | ΡŤ | NA | 0.000 1.000 | Calculation No. OSC- F01.021.053. | 1535, page 135-1. Inspect with |
| Total C03.02 | 20 Items: 1 | | | | | | ······ | | · · · · · · · · · · · · · · · · · · · |

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Total C03 Items:

| EOC 23 <u>CATEGORY C-D, Pressure Ret</u> Greater Than 2 in. In Diameter | | SERVICE INS | | | | | | |
|-------------------------------------------------------------------------------|-------------------------------------|-------------|----------|---------|--------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pumps | | ervice Insp | Oconee | 1 | Plan Report Page 27 02/14/2007 | | | |
| ITEM NUMBER ID NUMBER | SYS ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL | BLOCKS | COMMENTS | |
| **** Bolts and Studs **** | | , | | | | | | |
| C04.030.002 1-HPI-PUMP-B Class B | OM-201-1704 51A O-ISIN4-101A-1.3 | PDI-UT-5 | UT | NA | 2.500 4 0.000 | 40422 | HPI Pump 1B Bolting on Pu Length = 12.000. The bolting Pumps(1A, 1B, 1C) is requir to inaccessibility, disassemb they will be scheduled for O Examine upon disassembly disassembly will be required examination. This examinat in the third period (Outages with the requirements of IW | g on one of the HPI ed to be examined. Due bly is required, therefore utages 1, 2, 3, or 4. for maintenance or l in order to perform the ion cannot be performed 5 or 6) in accordance |

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Total C04.030 Items:

1

Total C04 Items:

| EOC 23 | e andre est I Name | | | | \bigcirc | | | |
|-------------------------|------------------------------------|-------|---------------------------------|---------------------|------------------------|------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| CATEGOR | RY C-F-1, Pressure R | etain | ing Welds in | | NERGY COR | | | |
| | SS Or High Alloy Pi | | | | PECTION PL | | | Dian Dan art |
| | /elds >= 3/8 in. Nominal \ | | | | Oconee 1 | 5 | | Plan Report Page 28 |
| | g > NPS 4 | | | ervice Insp | ection Plan | for Interv | val 4 Outage 2 | 02/14/2007 |
| ITEM NUMBE | | SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | 1AT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| **** Circum | ferential Weld **** | | | | | | | |
| C05.011.004 Class B | 1-53A-01-31LD Circumferential | 53A | 1-53A-01(3) O-ISIN4-102A-1.2 | NDE-600 PDI-UT-2 | UT Pipe to | SS | 10.000 Component 1.125 PDI-UT-2-O | · · |
| | | | | | Pipe | | | block listed shall be used. |
| C05.011.004A Class B | A 1-53A-01-31LD Circumferential | 53A | 1-53A-01(3) O-ISIN4-102A-1.2 | NDE-35 | PT Pipe to Pipe | SS | 10.000 1.125 | |
| C05.011.021 Class B | 1LP-210-57L Circumferential | 53A | 1LP-210 O-ISIN4-102A-1.3 | NDE-600 PDI-UT-2 | UT Pipe to Elbow | SS | 10.000 Component 1.000 PDI-UT-2-O | • |
| C05.011.021A Class B | 1LP-210-57L Circumferential | 53A | 1LP-210 O-ISIN4-102A-1.3 | NDE-35 | PT Pipe to Elbow | SS | 10.000 1.000 | reviously as 1-53A-02-57L on iso 1-53A-02(2) until it was transferred to iso 1LP-210. |
| C05.011.022 Class B | 1LP-210-59LA Circumferential | 53A | 1LP-210 O-ISIN4-102A-1.3 | NDE-600 PDI-UT-2 | UT Elbow to Pipe | SS | 10.000 Component 1.000 PDI-UT-2-O | • |
| | 1LP-210-59LA Circumferential | 53A | 1LP-210 O-ISIN4-102A-1.3 | NDE-35 | PT Elbow to Pipe | SS | 10.000 1.000 | This weld was listed previously as 1-53A-02-59LA on iso 1-53A-02(2) until it was transferred to iso 1LP-210. |
| C05.011.023 Class B | 1-53A-02-60L Circumferential | | 1-53A-02(2) O-ISIN4-102A-1.3 | NDE-600 PDI-UT-2 | UT Pipe to Elbow | SS | 10.000 Component 1.000 PDI-UT-2-O | • |

| EOC 23 | \bigcirc | | | | | | | | |
|--------------|--------------------------------------------------------|----------|------------------|---------------|------------------|----------|----------------|--------|-----------------------------------------------------------------------------------------------------------|
| | | - | han water to be | | ENERGY CORP | | | | • |
| | <u>RY C-F-1, Pressure I</u> | | | | SPECTION PLA | | | | |
| | SS Or High Alloy P | | | vice inspecti | Oconee 1 | lanayei | nem System | | Plan Report Page 29 |
| | <u>/elds >= 3/8 in. Nominal</u> g > NPS <u>4</u> | wall I | | service Insp | | or Inter | val 4 Outage 2 | | 02/14/2007 |
| | | SYS | ISO/DWG NUMBERS | PROC | | | DIA/THK CAL BL | OCKS | COMMENTS |
| | 1-53A-02-60L | | 1-53A-02(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | | | 1.000 | | |
| Class B | | | | | Pipe to Elbow | . · | | - | |
| C05.011.027 | 1-53A-01-22L | | 1-53A-01(2) | NDE-600 | UT | SS | 10.000 Comp | | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | Dine te | | 1.000 PDI-U | JT-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class B | | | | | Pipe to Elbow | | | | block listed shall be used. |
| C05.011.027A | 1-53A-01-22L | | 1-53A-01(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | Pipe to | | 1.000 | | |
| Class B | | | | | Elbow | | | | |
| C05.011.028 | 1-53A-01-23L | | 1-53A-01(2) | NDE-600 | UT | SS | 10.000 Comp | | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | | | 1.000 PDI-U | JT-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class B | | | , | | Elbow to Pipe | | | | block listed shall be used. |
| C05.011.028A | 1-53A-01-23L | | 1-53A-01(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | | | 1.000 | | |
| Class B | | | | | Elbow to Pipe | | | | |
| C05.011.029 | 1-53A-01-24L | | 1-53A-01(2) | NDE-600 | UT | SS | | oonent | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | | | 1.000 PDI-U | JT-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class B | | | | | Pipe to Elbow | | | | block listed shall be used |
| C05.011.029A | 1-53A-01-24L | | 1-53A-01(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | | | 1.000 | | |
| Class B | | | | | Pipe to Elbow | | | | |
| C05.011.030 | 1-53A-01-25L | | 1-53A-01(2) | NDE-600 | UT | SS | 10.000 Comp | | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | The sure the | | 1.000 PDI-U | JT-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class B | | | | | Elbow to Pipe | | | | block listed shall be used. |
| C05.011.030A | 1-53A-01-25L | | 1-53A-01(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | <u>-</u> | | 1.000 | | |
| Class B | | | | | Elbow to Pipe | | | | |
| | | | | | nhe | | | | |

| EOC 23 | \bigcirc | | | | | | | | |
|-----------------|--------------------------|----------|-------------------|--------------|--------------------------------|----------|----------------------------------------|--------|-----------------------------------------------------------------------------------------------------------|
| • | RY C-F-1, Pressure R | Potair | ning Welds In | | | | | | |
| | c SS Or High Alloy Pi | | | | SPECTION PLA ion Database M | | | | Blan Poport |
| _ | Velds >= 3/8 in. Nominal | | • | | Oconee 1 | | ······································ | | Plan Report Page 30 |
| | $rac{1}{1}$ ng > NPS 4 | <u> </u> | | service Insp | | or Inter | erval 4 Outage 2 | | 02/14/2007 |
| ITEM NUMBE | | SYS | S ISO/DWG NUMBERS | | | | H DIA/THK CAL BLO | LOCKS | COMMENTS |
| C05.011.031 | 1-53A-01-28LA | | 1-53A-01(2) | NDE-600 | UT | SS | 10.000 Comp | | Procedure NDE-600 uses the component for |
| | Circumferential | | O-ISIN4-102A-1.3 | PDI-UT-2 | | | 1.000 PDI-U | JT-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | | | | | Elbow to Pipe | | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| | A 1-53A-01-28LA | | 1-53A-01(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | • | | | 1.000 | | |
| Class B | · | | | | Elbow to Pipe | | | | · · · · · · · · · · · · · · · · · · · |
| C05.011.032 | 1-53A-01-28LB | | 1-53A-01(2) | NDE-600 | UT | SS | 10.000 Comp | - | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | D' - 1- | | 1.000 PDI-U | JT-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class B | | | | | Pipe to Elbow | | · | | of NDE-600. If PDI-01-2 is used, then the calibration block listed shall be used. |
| | A 1-53A-01-28LB | | 1-53A-01(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | - . 1- | | 1.000 | | |
| Class B | | | | | Pipe to Elbow | | | | |
| C05.011.033 | 1-53A-01-29L | | 1-53A-01(2) | NDE-600 | UT | SS | 10.000 Comp | | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.2 | PDI-UT-2 | | | 1.000 PDI-U | JT-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | | | | | Pipe to Valve 1LP-48 | | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| | A 1-53A-01-29L | | 1-53A-01(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.2 | | - . , | | 1.000 | | |
| Class B | | | | | Pipe to Valve 1LP-48 | 8 | | | |
| C05.011.034 | 1-53A-01-29LA | | 1-53A-01(2) | NDE-600 | UT | SS | 10.000 Compo | | Procedure NDE-600 uses the component for |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | | | 1.000 PDI-U | JT-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | | | | | Elbow to Bipo | | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used |
| | | | | | Pipe | | | | |
| C05.011.034A | | | 1-53A-01(2) | NDE-35 | PT | SS | 10.000 | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | Elbow to | | 1.000 | | |
| Class B | | | | | Pipe | | | | |
| C05.011.035 | 1-53A-02-61L | | 1-53A-02(2) | NDE-600 | UT | SS | 10.000 Compo | nonent | Procedure NDE-600 uses the component for |
| | Circumferential | | O-ISIN4-102A-1.3 | PDI-UT-2 | <u> </u> | 90 | 1.000 PDI-U | | • |
| Class B | , | ¥ 4. | | • • • • • | Elbow to | | | | of NDE-600. If PDI-UT-2 is used, then the calibration |
| | | | | | Pipe | | | | block listed shall be used. |
| | | | | | | | | | |

| EOC 23 🚽 | | | | | | |
|--------------------------------|----------------------|--------------|-----------------------------------|-----------------|------------|-----------------------------------------------------------------------------------|
| CATEGORY C-F-1, Pressure | Retaining Welde In | | NERGY CORPOR | | | |
| Austenitic SS Or High Alloy | | | PECTION PLAN I on Database Mar | | n | |
| Piping Welds >= 3/8 in. Nomina | | ····· | Oconee 1 | | • | Plan Report Page 31 |
| for Piping > NPS 4 | | service Insp | ection Plan for | Interval 4 Outa | ae 2 | 02/14/2007 |
| ITEM NUMBER ID NUMBER | SYS ISO/DWG NUMBERS | PROC | | SCH DIA/THK C | - | COMMENTS |
| C05.011.035A 1-53A-02-61L | 1-53A-02(2) | NDE-35 | | S 10.000 | | |
| Circumferential | 53A O-ISIN4-102A-1.3 | | | 1.000 | | |
| Class B | | | Elbow to Pipe | . • | | |
| C05.011.036 1-53A-02-61LA | 1-53A-02(2) | NDE-600 | UT S | S 10.000 | Component | Procedure NDE-600 uses the component for |
| Circumferential | 53A O-ISIN4-102A-1.3 | PDI-UT-2 | | | PDI-UT-2-O | calibration. Procedure PDJ-UT-2 may be used in lieu |
| Class B | | | Pipe to Elbow | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| C05.011.036A 1-53A-02-61LA | 1-53A-02(2) | NDE-35 | PT S | S 10.000 | | |
| Circumferential | 53A O-ISIN4-102A-1.3 | | | 1.000 | | |
| Class B | | | Pipe to Elbow | | | |
| C05.011.037 1-53A-02-62L | 1-53A-02(2) | NDE-600 | UT S | S 10.000 | Component | Procedure NDE-600 uses the component for |
| Circumferential | 53A O-ISIN4-102A-1.3 | PDI-UT-2 | | 1.000 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | | | Elbow to | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| | | | Pipe | | | |
| C05.011.037A 1-53A-02-62L | 1-53A-02(2) | NDE-35 | PT S | S 10.000 | | |
| Circumferential | 53A O-ISIN4-102A-1.3 | | | 1.000 | | |
| Class B | | | Elbow to Pipe | | | |
| C05.011.038 1-53A-02-63LA | 1-53A-02(2) | NDE-600 | UT S | S 10.000 | Component | • |
| Circumferential | 53A O-ISIN4-102A-1.3 | PDI-UT-2 | | 1.000 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | | | Elbow to Pipe | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| C05.011.038A 1-53A-02-63LA | 1-53A-02(2) | NDE-35 | PT S | | | |
| Circumferential | 53A O-ISIN4-102A-1.3 | | | 1.000 | | |
| Class B | | | Elbow to Pipe | | | |
| C05.011.039 1-53A-02-64L | 1-53A-02(2) | NDE-600 | UT S | | Component | Procedure NDE-600 uses the component for |
| Circumferential | 53A O-ISIN4-102A-1.2 | PDI-UT-2 | | 1.000 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | | | Pipe to Valve 1LP-47 | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| C05.011.039A 1-53A-02-64L | 1-53A-02(2) | NDE-35 | PT S | S 10.000 | | |
| Circumferential | 53A O-ISIN4-102A-1.2 | | | 1.000 | | |
| Class B | - | | Pipe to | | | |
| | | | Valve 1LP-47 | | | |

EOC 23

| | <i>2</i> | | <u>,</u> | | | | | | | ~~~ |
|--------------|----------------------------|----------|-------------------|-------------|------------------------|---------|------------|------------|---------------------------------------------------------------------|------------------------|
| EOC 23 | l Noquest | | | | | | | | | |
| CATEGOE | RY C-F-1, Pressure R | ≀etain | ving Welds in UNS | | | | | | | |
| | SS Or High Alloy Pi | | | | PECTION PL | | | n | | Dian Dapart |
| | /elds >= 3/8 in. Nominal \ | | | | Oconee 1 | - | ······ | | | Plan Report Page 32 |
| | q > NPS 4 | Man | | ervice Insp | ection Plan | | val 4 Outa | qe 2 | | 02/14/2007 |
| | | SYS | S ISO/DWG NUMBERS | PROC . | | | | CAL BLOCKS | COMMENTS | |
| C05.011.076 | 1LP-210-72 | | 1LP-210 | NDE-600 | UT | SS | | Component | Procedure NDE-600 uses the co | |
| l | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | | | 1.000 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 | |
| Class B | | | | | Pipe_to Flow Restri | ictor | | | of NDE-600. If PDI-UT-2 is used block listed shall be used. | then the calibration |
| C05.011.076A | 1LP-210-72 | | 1LP-210 | NDE-35 | PT | SS | 10.000 | | | |
| l | Circumferential | 53A | O-ISIN4-102A-1.3 | | | | 1.000 | • | | |
| Class B | | | | | Pipe_to Flow Restri | ictor | | | | ~ |
| C05.011.077 | 1LP-210-73 | | 1LP-210 | NDE-600 | UT | SS | 10.000 | Component | Procedure NDE-600 uses the co | • |
| l | Circumferential | 53A | O-ISIN4-102A-1.3 | PDI-UT-2 | | | 1.000 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 | |
| Class B | | | | | Pipe to Flow Restri | ictor | | | of NDE-600. If PDI-UT-2 is used, block listed shall be used. | then the calibration |
| C05.011.077A | | | 1LP-210 | NDE-35 | PT | SS | 10.000 | | | |
| | Circumferential | 53A | O-ISIN4-102A-1.3 | | | | 1.000 | | | |
| Class B | | <u> </u> | | | Pipe to Flow Restri | ictor | | | • | |
| C05.011.078 | 1LPS-746-2 | | 1LPS-746 | NDE-600 | UT | SS | | Component | | |
| | Circumferential | 14B | O-ISIN4-124B-1.2 | PDI-UT-2 | Dian te | | 0.432 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 of NDE-600. If PDI-UT-2 is used, | |
| Class B | | | | | Pipe to Valve 1LPS | SW-1062 | | | block listed shall be used. | |
| C05.011.078A | | | 1LPS-746 | NDE-35 | PT | SS | 6.000 | | | |
| I | Circumferential | 14B | O-ISIN4-124B-1.2 | | - | | 0.432 | | | · . |
| Class B | | | | | Pipe to Valve 1LPS | 3W-1062 | | | | |
| C05.011.079 | 1LPS-746-5 | | 1LPS-746 | NDE-600 | UT | SS | 6.000 | Component | Procedure NDE-600 uses the co | mponent for |
| l | Circumferential | 14B | O-ISIN4-124B-1.2 | PDI-UT-2 | | | 0.432 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 | |
| Class B | | | | | Elbow to Pipe | | | | of NDE-600. If PDI-UT-2 is used, block listed shall be used. | then the calibration |
| C05.011.079A | 1LPS-746-5 | | 1LPS-746 | NDE-35 | PT | SS | 6.000 | | | |
| | Circumferential | 14B | O-ISIN4-124B-1.2 | | | | 0.432 | | | |
| Class B | | | | | Elbow to Pipe | | | | | |
| C05.011.085 | 1LPS-751-16 | | 1LPS-751 | NDE-600 | UT | SS | | | Procedure NDE-600 uses the co | • |
| I | Circumferential | 14B | O-ISIN4-124B-1.2 | PDI-UT-2 | | | 0.432 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 | |
| Class B | | | | | Flange to | | | | of NDE-600. If PDI-UT-2 is used, | then the calibration |
| l | | | | | Pipe | | | | block listed shall be used. | |

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| EOC | 23 | t, warnes |

DUKE ENERGY CORPORATION CATEGORY C-F-1, Pressure Retaining Welds In INSERVICE INSPECTION PLAN MANAGEMENT

| Austenitic SS C | Dr High Alloy Piping | Inserv | vice Inspecti | on Database I | Managen | | Plan Report | | |
|-------------------|--------------------------|------------------|---------------|-------------------|----------|-----------|-------------|-------------------------------------------------------------|----------------------|
| Piping Welds > | = 3/8 in. Nominal Wall T | hickness | | Oconee 1 | | | | | Page 33 |
| for Piping > NP | <u>PS 4</u> | Inse | ervice Insp | ection Plan f | or Inter | | 02/14/2007 | | |
| ITEM NUMBER | ID NUMBER SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | IAT/SCH | DIA/THK C | AL BLOCKS | COMMENTS | |
| C05.011.085A 1LPS | S-751-16 | 1LPS-751 | NDE-35 | PT | SS | 6.000 | | | |
| Circum | nferential 14B | O-ISIN4-124B-1.2 | | | | 0.432 | | | |
| Class B | | | | Flange to Pipe | | | | | |
| C05.011.086 1LPS | S-751-15 | 1LPS-751 | NDE-600 | UT | SS | 6.000 | Component | Procedure NDE-600 uses the co | mponent for |
| Circum | nferential 14B | O-ISIN4-124B-1.2 | PDI-UT-2 | | | 0.432 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 | |
| Class B | | | | Pipe to Elbow | | | | of NDE-600. If PDI-UT-2 is used block listed shall be used. | then the calibration |
| C05.011.086A 1LPS | G-751-15 | 1LPS-751 | NDE-35 | PT | SS | 6.000 | <u>_</u> | | |
| Circum | ferential 14B | O-ISIN4-124B-1.2 | | | | 0.432 | | | |
| Class B | | | | Pipe to | | | | | |
| | | | | Elbow | | | | | |

| 500 00 | (****. | | | | | | | | |
|-------------------|----------------------------------------------------|--------------|---------------------------------------|---------------------|---------------------|-----------|----------------|-------------------------|-----------------------------------------------------------------------------------------------------------|
| EOC 23 | ¹ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | DUKE E | | PORATION | | | · • • • • • |
| | <u>RY C-F-1, Pressure F</u> | | | | PECTION PL | | | | |
| <u>Austenitic</u> | : SS Or High Alloy P | iping | Inser | vice Inspecti | on Database I | Manageme | nt System | ו | Plan Report |
| Piping W | /elds > 1/5 in. Nom Wall | for Pi | | | Oconee 1 | | | | Page 34 |
| NPS 2 ar | <u>nd <= NPS 4</u> | | | ervice Insp | ection Plan f | | | 5 | 02/14/2007 |
| ITEM NUMBE | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ N | IAT/SCH D | IA/THK C | AL BLOCKS | COMMENTS |
| **** Circum | ferential Weld **** | | | | | | | | |
| C05.021.005 | 1HP-192-8 | | 1HP-192 | NDE-600 | UT | SS | | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | PDI-UT-2 | | | 0.531 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | | | | | Elbow to Bino | | | | of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| 005 004 005 | | | | | Pipe | | | | |
| C05.021.005A | Circumferential | L 1 V | 1HP-192 O-ISIN4-101A-1.4 | NDE-35 | PT | SS | 4.000 0.531 | | |
| Class B | Circumierentia | STA | 0-151114-101A-1.4 | | Elbow to | | 0.551 | | |
| Old35 D | | | | | Pipe | | | | |
| C05.021.019 | 1-51A-124-12 | | 1-51A-124 | NDE-600 | UT | SS | 4.000 | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 51A | O-ISIN4-101A-1.3 | PDI-UT-2 | | | | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | | | | | Elbow to | | | | of NDE-600. If PDI-UT-2 is used, then the calibration |
| | | | | | Pipe | | | | block listed shall be used. |
| C05.021.019A | 1-51A-124-12 | | 1-51A-124 | NDE-35 | PT | SS | 4.000 | | |
| | Circumferential | 51A | O-ISIN4-101A-1.3 | | | | 0.531 | | |
| Class B | | | | | Elbow to Pipe | | | | , |
| 005 001 005 | | | 1HP-178 | | | | | | |
| C05.021.025 | 1HP-178-15 Circumferential | 51 A | 0-ISIN4-101A-1.4 | NDE-600 PDI-UT-2 | UT | SS | | Component PDI-UT-2-O | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | Circumierentia | JIA | 0-131114-101A-1,4 | PDI-01-2 | Elbow to | | 0.001 | 101-01-2-0 | of NDE-600. If PDI-UT-2 is used, then the calibration |
| 01035 D | | | | | Pipe | | | | block listed shall be used |
| C05.021.025A | 1HP-178-15 | | 1HP-178 | NDE-35 | PT | SS | 4.000 | | |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | | 0.531 | | |
| Class B | | | | | Elbow to | | | | |
| | •••••••••••••••••••••••••••••••••••••• | | · · · · · · · · · · · · · · · · · · · | | Pipe | | | | |
| C05.021.031 | 1HP-200-20 | | 1HP-200 | NDE-600 | UT | SS | | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 51A | O-ISIN4-101A-1.1 | PDI-UT-2 | | | 0.674 | PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class B | | | | • | Elbow to Reducer | | | | block listed shall be used. |
| C05.021.031A | 1HP-200-20 | <u></u> | 1HP-200 | NDE-35 | PT | SS. | 4.000 | | · · · · · · · · · · · · · · · · · · · |
| | Circumferential | 51A | O-ISIN4-101A-1.1 | | | 00, | 4.000 0.674 | | |
| Class B | | | | | Elbow to | | | | |
| | | | | | Reducer | | | | |

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CATEGORY C-F-1, Pressure Retaining Welds In INSERVICE INSPECTION PLAN MANAGEMENT

| | SS Or High Alloy P | | | | ion Database N | | | Plan Report |
|-------------------------|-----------------------------------|-----|---------------------------------|---------------------|---------------------------|------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | /elds > 1/5 in. Nom Wall | | pina >= | | Oconee 1 | | | Page 35 |
| | nd <= NPS 4 | | | ervice Insp | ection Plan fo | or Interva | al 4 Outage 2 | 02/14/2007 |
| ITEM NUMBE | | SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | AT/SCH E | DIA/THK CAL BLOCKS | COMMENTS |
| C05.021.039 Class B | 1-51A-01-13A Circumferential | 51A | 1-51A-01(1) O-ISIN4-101A-1.3 | NDE-600 PDI-UT-2 | UT Pipe to Elbow | SS | 3.000 Component 0.216 PDI-UT-2-O | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| C05.021.039A Class B | A 1-51A-01-13A Circumferential | 51A | 1-51A-01(1) O-ISIN4-101A-1.3 | NDE-35 | PT Pipe to Elbow | SS | 3.000 0.216 | Procedure PDI-UT-2 may be used. |
| C05.021.046 Class B | 1-51A-01-98A Circumferential | 51A | 1-51A-01(4) O-ISIN4-101A-1.3 | NDE-600 PDI-UT-2 | UT Tee to Pipe | SS | 4.000 Component 0.531 PDI-UT-2-O | |
| | A 1-51A-01-98A Circumferential | 51A | 1-51A-01(4) O-ISIN4-101A-1.3 | NDE-35 | PT Tee to Pipe | SS | 4.000 0.531 | |
| C05.021.052 | 1-51A-02-17B Circumferential | 51A | 1-51A-02 O-ISIN4-101A-1.4 | NDE-600 PDI-UT-2 | UT Tee to Elbow | SS | 4.000 Component 0.531 PDI-UT-2-O | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| | 1-51A-02-17B Circumferential | 51A | 1-51A-02 O-ISIN4-101A-1.4 | NDE-35 | PT Tee to Elbow | SS | 4.000 0.531 | |
| C05.021.075 Class B | 1-51A-01-93A Circumferential | 51A | 1-51A-01(3) O-ISIN4-101A-1.3 | NDE-600 PDI-UT-2 | UT Pipe to Elbow | SS | 4.000 Component 0.531 PDI-UT-2-O | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. |
| | 1-51A-01-93A Circumferential | 51A | 1-51A-01(3) O-ISIN4-101A-1.3 | NDE-35 | PT Pipe to Elbow | SS | 4.000 0.531 | |
| C05.021.091 Class B | 1-51A-02-51B Circumferential | 51A | 1-51A-02 O-ISIN4-101A-1.4 | NDE-12 | RT Valve 1HP-25 Tee | SS 9 to | 4.000 0.531 | RT is the preferred method to examine this weld due to the configuration. |

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|--------------|--------------------------|--------------|------------------|--------------|---------------|----------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EOC 23 | N | | | | | | × 1 | and the second se |
| CATEGOF | RY C-F-1, Pressure F | Retain | ing Welds In | | NERGY CORF | | | |
| | SS Or High Alloy P | | | | on Database N | | | Plan Report |
| | /elds > 1/5 in. Nom Wall | | oina >= | | Oconee 1 | | | Page 36 |
| | nd <= NPS 4 | | Ins | service Insp | ection Plan f | or Inter | val 4 Outage 2 | 02/14/2007 |
| ITEM NUMBE | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | AT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| C05.021.091A | 1-51A-02-51B | | 1-51A-02 | NDE-35 | PT | SS | 4.000 | |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | | 0.531 | |
| Class B | | | | | Valve 1HP-2 | 29 to | | |
| <u></u> | | | | | Tee | | · | |
| C05.021.097 | 1HP-179-118 | ~ | 1HP-179 | NDE-600 | UT | SS | 2.500 Component | I |
| Class B | Circumferential | 51A | O-ISIN4-101A-1.1 | PDI-UT-2 | Elbow to | | 0.552 PDI-01-2-0 | calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration |
| Class B | | | | | Reducer | | | block listed shall be used. |
| C05 021 097A | 1HP-179-118 | | 1HP-179 | NDE-35 | PT | SS | 2.500 | |
| 000.021.0077 | Circumferential | 51A | O-ISIN4-101A-1.1 | NDE-00 | | 00 | 0.552 | |
| Class B | | | | | Elbow to | | | |
| | | | | | Reducer | | | · · · · · · · · · · · · · · · · · · · |
| C05.021.103 | 1-RCP-FTR1A-SH-1 | | 1-51A-02 | NDE-12 | RT | SS | 4.000 | Reactor Coolant Pump Seal Supply Filter 1A Pc. 10 |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | | | 0.531 | to Pc. 1 Outlet End. |
| Class B | Term end | | OM-201-0473 | | Filter Hub to | | | Remove filter from housing to insure the system is drained prior to performing RT. |
| | | | | | Filter Housin | | | |
| C05.021.104 | 1-RCP-FTR1A-SH-2 | | 1-51A-02 | NDE-12 | RT | SS | 4.000 | Reactor Coolant Pump Seal Supply Filter 1A Pc. 10 |
| | Circumferential | 51A | O-ISIN4-101A-1.4 | | Filter Hub to | | 0.531 | to Pc. 1 Inlet End. Remove filter from housing to insure the system is |
| Class B | Term end | | OM-201-0473 | | Filter Housin | | | drained prior to performing RT. |
| C05.021.107 | 1-51A-01-100A | | 1-51A-01(4) | NDE-600 | UT | SS | 3.000 Component | Procedure NDE-600 uses the component for |
| 003.021.107 | Circumferential | 51A | O-ISIN4-101A-1.3 | PDI-UT-2 | 01 | 00 | 0.438 PDI-UT-2-O | calibration. Procedure PDI-UT-2 may be used in lieu |
| Class B | · | 0.77 | | 10,012 | Pipe to | | | of NDE-600. If PDI-UT-2 is used, then the calibration |
| | | | | | Elbow | | | block listed shall be used. |
| C05.021.107A | 1-51A-01-100A | | 1-51A-01(4) | NDE-35 | PT | SS | 3.000 | |
| | Circumferential | 5 1 A | O-ISIN4-101A-1.3 | | | | 0.438 | |
| Class B | | | | • | Pipe to | | | |
| T +-1 005 0 | | | | | Elbow | | ······································ | |

Total C05.021 Items: 24

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DUKE ENERGY CORPORATION

| | CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS Or High Alloy Piping Inservice Inspection Database Management System | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|--------|------------|---------|--------------------|---------------------------------------|--|--|--|--|
| Socket Welds Oconee 1 Inservice Inspection Plan for Interval 4 Outage 2 | | | | | | | | | | | | |
| ITEM NUMB | ER ID | NUMBER SYS | ISO/DWG NUMBERS | PROC | INSP REQ I | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | | | | |
| C05.030.008 | 1HP-472- | 1 | 1HP-472 | NDE-35 | PT | SS | 2.000 | | | | | |
| | Socket | 51B | O-ISIN4-101A-1.2 | | · | | 0.154 | | | | | |
| Class B | | | | | Pipe to | | | | | | | |
| • | | | | | Tee | | | | | | | |
| C05.030.009 | 1HP-472-2 | 2 | 1HP-472 | NDE-35 | PT | SS | 2.000 | · · · · · · · · · · · · · · · · · · · | | | | |
| | Socket | 51B | O-ISIN4-101A-1.2 | | | | 0.154 | | | | | |
| Class B | | | | | Tee to | | | | | | | |
| | | | • | | Pipe | | | | | | | |

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|------------------|----------------------------|------------------|-----------------------------------------|--------------------|--------------|--------|-----------------|------------|-----------------------------------------------------------------------------------------------------------|
| EOC 23 | | | | | | | | | |
| | | | ····· Walsha In | | NERGY CORPO | | | | |
| | RY C-F-2, Pressure R | | | INSERVICE INS | | | | | |
| | r Low Alloy Steel Pip | | | service Inspection | | anagen | nent Systen | 1 | Plan Report |
| | /elds >= 3/8 in. Nominal \ | Wall T | | | Oconee 1 | | | | Page 38 02/14/2007 |
| | <u>g > NPS 4</u> | | | nservice Inspe | | | | - | |
| ITEM NUMBE | ER ID NUMBER | SYS | ISO/DWG NUMBER | IS PROC | INSP REQ MA | T/SCH | DIA/THK C | AL BLOCKS | COMMENTS |
| **** Circum | ferential Weld **** | | | | | | | | |
| C05.051.001 | 1MS-070-1B | | 1MS-070 | NDE-600 | UT | CS | 36.000 | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 01A | O-ISIN4-122A-1.1 | PDI-UT-1 | | | 1.164 | PDI-UT-1-O | calibration. Procedure PDI-UT-1 may be used in lieu |
| Class B | | | | | Pipe to | | | | of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. |
| | | | | | Pipe | | | | |
| C05.051.001A | 1MS-070-1B | | 1MS-070 | NDE-25 | MT | CS | 36.000 | | |
| | Circumferential | 01A | O-ISIN4-122A-1.1 | | | | 1.164 | | |
| Class B | | | | | Pipe to | | | | |
| | | | | | Pipe | | | | |
| C05.051.013 | 1MS-069-35V | | 1MS-069 | NDE-600 | UT | CS | | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 01A | O-ISIN4-122A-1.1 | PDI-UT-1 | Reducer to | | 0.969 | PDI-UT-1-O | calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration |
| Class B | Term end | | | | Nozzle SG 1E | 2 | | | block listed shall be used. |
| | 1MS-069-35V | | 1M2 060 | NDE-25 | MT | CS | 04.000 | | |
| C05.051.013A | Circumferential | 014 | 1MS-069 O-ISIN4-122A-1.1 | NDE-25 | IVEL | US | 24.000 0.969 | | |
| Class B | Term end | UIA | 0-13/114-122A-1.1 | | Reducer to | | 0.909 | | |
| Class D | renn enu | | | | Nozzle SG 1E | 3 | | | |
| C05.051.018 | 1MS-064-16 | | 1MS-064 | NDE-600 | UT | CS | 6 000 | Component | Procedure NDE-600 uses the component for |
| | Circumferential | 01A | O-ISIN4-122A-1.2 | PDI-UT-1 | 0, | 00 | | PDI-UT-1-O | calibration. Procedure PDI-UT-1 may be used in lieu |
| Class B | Choannoichta | Q . , , , | 0.0000000000000000000000000000000000000 | | Tee to | | | | of NDE-600. If PDI-UT-1 is used, then the calibration |
| ••••• | | | | | Pipe | | | | block listed shall be used. This weld was previously |
| | | | | | | | | | listed as 1-01A-01-27C before the Iso was redrawn. |
| C05.051.018A | 1MS-064-16 | | 1MS-064 | NDE-25 | MT | CS | 6.000 | | This weld was previously listed as 1-01A-01-27C |
| | Circumferential | 01A | O-ISIN4-122A-1.2 | | | | 0.432 | | before the Iso was redrawn. |
| Class B | | | | | Tee to | | | | |
| | | | | | Pipe | | | | |
| C05.051.028 | 1-FWD83-A | | 1-03-3(1) | NDE-600 | UT | CS | | Component | Grinnell subassembly FWD-83. Procedure NDE-600 |
| | Circumferential | 03 | | PDI-UT-1 | | | 1.218 | PDI-UT-1-O | uses the component for calibration. Procedure |
| Class B | | | • | | Pipe to | | | | PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed |
| | | | | | Elbow | | | | shall be used |
| C05.051.028A | 1-FWD83-Δ | | 1-03-3(1) | NDE-25 | MT | CS | 24.000 | | Grinnell subassembly FWD-83. |
| | Circumferential | 03 | | NDC-20 | IVII | 00 | 1.218 | | Grinnen Subassembly FWD-03. |
| Class B | Unodimercifial | 00 | | | Pipe to | | | | |
| | | | | | Elbow | | | | |
| | | | | | | | | | |

CATEGORY C-F-2, Pressure Retaining Welds In

DUKE ENERGY CORPORATION

| Carbon O | r Low Alloy Steel Pi | pina | | | ion Database | | | | Plan Report |
|-------------------------|-----------------------------------|--------|--------------------------------|---------------------|---------------------------|-----------|-----------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | /elds >= 3/8 in. Nominal | | hickness | | Oconee 1 | | | | Page 39 |
| | g > NPS_4 | trun a | | ervice Insp | ection Plan | for Inter | val 4 Outage | 2 | 02/14/2007 |
| ITEM NUMBE | | SYS | ISO/DWG NUMBERS | PROC | | | DIA/THK CAL | | COMMENTS |
| C05.051.035 Class B | 1FDW-250-30B Circumferential | 03 | 1FDW-250 O-ISIN4-121B-1.3 | NDE-600 PDI-UT-1 | UT Elbow to Reducer | CS | 14.000 Cd 0.750 Pt | omponent DI-UT-1-O | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. This weld was listed previously as 1-03-3-30B on iso 1-03-3(1) until it was transferred to iso 1FDW-250. |
| C05.051.035A Class B | A 1FDW-250-30B Circumferential | 03 | 1FDW-250 O-ISIN4-121B-1.3 | NDE-25 | MT Elbow to Reducer | CS | 14.000 0.750 | Ang | This weld was listed previously as 1-03-3-30B on iso 1-03-3(1) until it was transferred to iso 1FDW-250. |
| C05.051.042 Class B | 1LPSW-345-21 Circumferential | 14B | 1LPSW-345 O-ISIN4-124B-1.2 | NDE-600 PDI-UT-1 | UT Elbow to Pipe | CS | | omponent DI-UT-1-O | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. This weld was listed previously as 1-LPSW-345-21 until iso 1-LPSW-345 was redrawn. This weld was listed previously as 1-LPS-345-21 until iso 1-LPS-345 was deleted. |
| C05.051.042A Class B | 1LPSW-345-21 Circumferential | _ 14B | 1LPSW-345 O-ISIN4-124B-1.2 | NDE-25 | MT Elbow to Pipe | CS | 8.000 0.500 | | This weld was listed previously as 1-LPSW-345-21 until iso 1-LPSW-345 was redrawn. This weld was listed previously as 1-LPS-345-21 until iso 1-LPS-345 was deleted. |
| C05.051.046 Class B | 1-LPSW-346-17 Circumferential | 14B | 1-LPSW-346 O-ISIN4-124B-1.2 | NDE-600 PDI-UT-1 | UT Pipe to Flange | CS | | omponent DI-UT-1-O | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. |
| C05.051.046A Class B | 1-LPSW-346-17 Circumferential | - 14B | 1-LPSW-346 O-ISIN4-124B-1.2 | NDE-25 | MT Pipe to Flange | CS | 8.000 0.500 | | |

Total C05.051 Items: 14

Total C05 Items: 86

| Pressure Vessels Ocone 1 Inservice Inspection Plan for Interval 4 Outage 2 ITEM NUMBER ID NUMBER SYS ISO/DWG NUMBERS PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS **** Welded Attachments **** Dottor 10,0003 1-DHRC-A Rigid Restraint OM 201-0286 NDE-65 VT-1 NA 0.000 Decay Heat Removal Cooler 1A. Welded Attachment at the two Support Cradie Support located on Class C side. D01.010.004 1-JWHX-A OM 3510053 NDE-65 VT-1 NA 0.000 Jacket Water Heat Exchanger 1A. Welded attachment at the two Support Cradie Support located on Class C side. D01.010.005 1-LO-COOLER-A OM 3510055 NDE-65 VT-1 NA 0.000 Lube Oil Cooler 1A. Welded attachment Class C D01.010.005 1-LO-COOLER-A OM 3510055 NDE-65 VT-1 NA 0.000 Lube Oil Cooler 1A. Welded attachment Class C D01.010.006 1-LPSW-STR-A OM 240-0002 NDE-65 VT-1 NA 0.000 Low Pressure Service Water Strainer Class C D01.010.007 1-MCD-C 0M-202-5 NDE-65 VT-1 NA 0.000 Legs. Welded Atta | | -A, Welded Atta | | | | SPECTION PLA | | | | ۷. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-------|------------------|--------------|--------------|---------|--------------------|--------------------------|------------------------|
| Inservice Inspection Plan for Interval 4 Outage 2 ITEM NUMBER ID NUMBER SYS ISO/DWG NUMBERS PROC INSP REQ MAT/SCH DIA/THK CALBLOCKS COMMENTS **** Welded Attachments **** 001.010.003 1-DHRC-A OM 201-0286 NDE-65 VT-1 NA 0.000 Decay Heat Removal Cooler 1A. Welded Attachment at the two Support Cradie Support located on Class C side. Class C OM 201-0286 NDE-65 VT-1 NA 0.000 Jacket Water Heat Exchanger 1A. We attachment at the two Support Cradie Support located on Class C side. 001.010.004 1-JWHX-A OM 351-0053 NDE-65 VT-1 NA 0.000 Jacket Water Heat Exchanger 1A. We attachment at the two Support Cradie Class C 001.010.005 1-LO-COOLER-A OM 351-0055 NDE-65 VT-1 NA 0.000 Lube Oil Cooler 1A. Welded attachment at Support Cradies to Cooler. 01.010.006 1-LPSW-STR-A OM 240-0002 NDE-65 VT-1 NA 0.000 Lube Oil Cooler 1A. Welded Attachment at Support Cradies to Cooler. 01.010.006 1-LPSW-STR-A OM 240-0002 NDE-65 VT-1 NA 0.000 L | _ | | valve | <u>s</u> inser | vice inspect | | lanagen | ient System | | Plan Report |
| TEM NUMBER ID NUMBER SYS ISO/DWG NUMBERS PROC INSP REQ MAT/SCH DIA/TIK CAL BLOCKS COMMENTS **** Welded Attachments **** **** 001.010.003 1-DHRC-A Rigid Restraint OM 201-0286 538 NDE-65 VT-1 NA 0.000 Decay Heat Removal Cooler 1A. Welded Attachment at the two Support Cradie Support located on Class C side. 001.010.004 1-JWHX-A OM 351-0053 OM 351-0164 NDE-65 VT-1 NA 0.000 Jacket Water Heat Exchanger 1A. We attachment at the two Support Cradid Exchanger. 001.010.005 1-LO-COOLER-A OM 351-0055 OM 351-0164 NDE-65 VT-1 NA 0.000 Lube Oil Cooler 1A. Welded attachme Support Cradide attachme O-ISIN4-138A-1.1 O.000 NDE-65 VT-1 NA 0.000 Lube Oil Cooler 1A. Welded attachme Support Cradies to Cooler. 001.010.006 1-LPSW-STR-A OM 240-0002 14B NDE-65 VT-1 NA 0.000 Low Pressure Service Water Strainer Legs. Welded Attachment at Support Class C OM-202-5 14B O-ISIN4-121A-1.3 OH-202-25 NDE-65 VT-1 NA 0.000 Main Condenser 1C Welded Attachme Legs. 001.010.008 | Pressure Vess | <u>sels</u> | | line | | | | | | Page 40 02/14/2007 |
| ••••• Welded Attachments ••••• 001.010.003 1-DHRC-A Rigid Restraint OM 201-0286 S3B NDE-65 VT-1 NA 0.000 Decay Heat Removal Cooler 1A. Wel attachment at the two Support Cradie Support located on Class C side. 001.010.004 1-JWHX-A OM 351-0053 OM 351-0053 NDE-65 VT-1 NA 0.000 Jacket Water Heat Exchanger 1A. We attachment at the two Support Cradie Support located on Class C side. 001.010.004 1-JWHX-A OM 351-0053 OM 351-0164 NDE-65 VT-1 NA 0.000 Jacket Water Heat Exchanger 1A. We attachment at the two Support Cradie Exchanger. 001.010.005 1-LO-COOLER-A OM 351-0055 OM 351-0164 NDE-65 VT-1 NA 0.000 Lube Oil Cooler 1A. Welded attachment Support Cradies to Cooler. 001.010.006 1-LPSW-STR-A OM 240-0002 OM 351-0164 NDE-65 VT-1 NA 0.000 Low Pressure Service Water Strainer Class C 001.010.007 1-MCD-C OM-202-5 OH-202-25 NDE-65 VT-1 NA 0.000 Legs. Welded Attachment at Support Strainer. 01.010.008 1-UST-DOME O-348 OTA O-348 NDE-65 VT-1 NA 0 | | | CVC | | - | | | - | | 02/14/2007 |
| D01.010.003 1-DHRC-A Rigid Restraint OM 201-0286 SUPport Iocate OM 2201-2277 NDE-65 VT-1 NA 0.000 Decay Heat Removal Cooler 1A. Wel attachment at the two Support Cradie Support Iocated on Class C side. 001.010.004 1-JWHX-A OM 351-0053 O-ISIN4-138A-1.1 Class C NDE-65 VT-1 NA 0.000 Jacket Water Heat Exchanger 1A. Wel attachment at the two Support Iocated on Class C side. 001.010.004 1-JWHX-A OM 351-0053 O-ISIN4-138A-1.1 Class C NDE-65 VT-1 NA 0.000 Jacket Water Heat Exchanger 1A. Well attachment at the two Support Cradie Exchanger. 001.010.005 1-LO-COOLER-A OM 351-0055 OM 351-0164 NDE-65 VT-1 NA 0.000 Lube Oil Cooler 1A. Welded attachment Support Cradies to Cooler. 001.010.005 1-LO-COOLER-A OM 240-0002 OM 351-0164 NDE-65 VT-1 NA 0.000 Low Pressure Service Water Strainer 01.010.006 1-LPSW-STR-A OM 240-0002 OM-202-25 NDE-65 VT-1 NA 0.000 Legs. Welded Attachment at Support Strainer. 001.010.007 1-MCD-C OM-202-5 OM-202-25 NDE-65 VT-1 NA 0.000 Legs. 001.010.008 1-UST-DOME O-348 NDE-65 | | | 515 | ISO/DWG NUMBERS | PRUC | INSP REQ MA | | DIA/THK CAL BLOCKS | | |
| Rigid Restraint53BO-ISIN4-102A-1.2 OM 2201-2770.500attachment at the two Support Cradie Support located on Class C side.001.010.0041-JWHX-AOM 351-0053 O-ISIN4-138A-1.1 OM 351-0164NDE-65VT-1NA0.000Jacket Water Heat Exchanger 1A. W. attachment at the two Support Cradie Exchanger.001.010.0051-LO-COOLER-AOM 351-0055 OM 351-0164NDE-65VT-1NA0.000Lube Oil Cooler 1A. Welded attachment or Support Cradies to Cooler.001.010.0051-LO-COOLER-AOM 351-0055 OH 351-0164NDE-65VT-1NA0.000Lube Oil Cooler 1A. Welded attachment or Support Cradies to Cooler.001.010.0061-LPSW-STR-AOM 240-0002 OH 351-0164NDE-65VT-1NA0.000 Output cradies to Cooler.001.010.0061-LPSW-STR-AOM 240-0002 OH-202-5 OH-202-5NDE-65VT-1NA0.000 Output cradies to Cooler.001.010.0071-MCD-COM-202-5 OH-202-25NDE-65VT-1NA0.000 Output cradies to Cooler.001.010.0081-UST-DOME OFAO-348 OH-202-25NDE-65VT-1NA0.000 Output cradies to Cooler.001.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank Dome Support Legs. | | | | | | | | | | |
| Olass COM 2201-277Support located on Class C side.D01.010.0041-JWHX-AOM 3510053 O-ISIN4-138A-1.1 OM 351-0164NDE-65VT-1NA0.000Jacket Water Heat Exchanger 1A. W. attachment at the two Support Craded Exchanger.D01.010.0051-LO-COOLER-AOM 3510055 O-ISIN4-138A-1.1 Class CNDE-65VT-1NA0.000Lube Oit Cooler 1A. Welded attachment Support Cradels to Cooler.D01.010.0061-LPSW-STR-AOM 240-0002 OM 351-0164NDE-65VT-1NA0.000Low Pressure Service Water Strainer Double to Cooler.D01.010.0061-LPSW-STR-A Class COM 240-0002 OH 220-25NDE-65VT-1NA0.000Low Pressure Service Water Strainer Double to Cooler.D01.010.0071-MCD-C Class COM-202-5 OTI.010.008NDE-65VT-1NA0.000Main Condenser 1C Welded Attachme Legs.D01.010.0081-UST-DOME Class CO-348 OTANDE-65VT-1NA0.000Upper Surge Tank Dome Support LegD01.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank 1A Support Legs. | | | 500 | | NDE-65 | VT-1 | NA | | | |
| Date CDiff Let E11D01.010.0041-JWHX-AOM 351.0053 O-ISIN4.138A-1.1 OM 351.0164NDE-65VT-1NA0.000Jacket Water Heat Exchanger 1A. We attachment at the two Support Craddle Exchanger.D01.010.0051-LO-COOLER-AOM 351.0055 O-ISIN4.138A-1.1 Class CNDE-65VT-1NA0.000Lube Oil Cooler 1A. Welded attachme Support Cradles to Cooler.D01.010.0051-LO-COOLER-AOM 351.0055 O-ISIN4.138A-1.1 OM 351-0164NDE-65VT-1NA0.000Lube Oil Cooler 1A. Welded attachme Support Cradles to Cooler.D01.010.0061-LPSW-STR-AOM 240-0002 14BNDE-65VT-1NA0.000Low Pressure Service Water Strainer Strainer.D01.010.0071-MCD-COM-202-5 OM-202-25NDE-65VT-1NA0.000Main Condenser 1C Welded Attachme Legs.D01.010.0081-UST-DOMEO-348 OTAONE-65VT-1NA0.000Upper Surge Tank Dome Support LegD01.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank 1A Support Legs. | • | Restraint | 53B | | | | | 0.500 | | |
| Class CO-ISIN4-138A-1.1 OM 351-01640.000attachment at the two Support Craded Exchanger.D01.010.0051-LO-COOLER-AOM 351-0055 O-ISIN4-138A-1.1 OM 351-0164NDE-65VT-1NA0.000Lube Oil Cooler 1A. Welded attachment Support Cradles to Cooler.Class COM 351-0164OM 240-0002 IMBNDE-65VT-1NA0.000Low Pressure Service Water Strainer D.000D01.010.0061-LPSW-STR-AOM 240-0002 IMBOM 240-0002 OILSIN4-124A-1.1NDE-65VT-1NA0.000Low Pressure Service Water Strainer D.000D01.010.0071-MCD-COM-202-5 OM-202-5NDE-65VT-1NA0.000Main Condenser 1C Welded Attachment at Support Strainer.D01.010.0081-UST-DOMEO-348 OTAONE-65VT-1NA0.000Upper Surge Tank Dome Support Legs.D01.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank 1A Support Legs. | Class C | | | OM 2201-277 | | | | | | 5 5100. |
| Class CO-ISIN4-138A-1.1 OM 351-01640.000attachment at the two Support Craded Exchanger.201.010.0051-LO-COOLER-AOM 351-0055 O-ISIN4-138A-1.1 OM 351-0164NDE-65VT-1NA0.000Lube Oil Cooler 1A. Welded attachment O.000Class COM 351-0164OM 240-0002 OM 351-0164NDE-65VT-1NA0.000Low Pressure Service Water Strainer O.000201.010.0061-LPSW-STR-A OH 240-0002OM 240-0002 14BNDE-65VT-1NA0.000Low Pressure Service Water Strainer O.000Class COM 240-0002 OH.010.007NDE-65VT-1NA0.000Legs. Welded Attachment at Support Strainer.201.010.0071-MCD-COM-202-5 OM-202-5NDE-65VT-1NA0.000Main Condenser 1C Welded Attachment Legs.201.010.0081-UST-DOMEO-348 OTAOHE-65VT-1NA0.000Upper Surge Tank Dome Support Leg 0.000201.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank 1A Support Legs. | 1.010.004 1-J' | WHX-A | | OM 3510053 | NDE-65 | VT-1 | NA | 0.000 | Jacket Water Heat Exchan | ger 1A. Welded |
| Difference Difference <thdifferenc< th=""> Difference Differenc</thdifferenc<> | | | | O-ISIN4-138A-1.1 | | | | 0.000 | | |
| Class CO-ISIN4-138A-1.1 OM 351-01640.000Support Cradles to Cooler.D01.010.0061-LPSW-STR-A Ldss COM 240-0002 14BNDE-65VT-1NA0.000Low Pressure Service Water Strainer Legs. Welded Attachment at Support Strainer.D01.010.0071-MCD-C Class COM-202-5 OM-202-25NDE-65VT-1NA0.000Main Condenser 1C Welded Attachment at Support Strainer.D01.010.0081-UST-DOME OTAO-348 OTANDE-65VT-1NA0.000Upper Surge Tank Dome Support LegD01.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank 1A Support Legs. | Class C | | | OM 351-0164 | | | | | Exchanger. | |
| Class CO-ISIN4-138A-1.1 OM 351-01640.000Support Cradles to Cooler.D01.010.0061-LPSW-STR-A 14BOM 240-0002 O-ISIN4-124A-1.1NDE-65VT-1NA0.000Low Pressure Service Water Strainer Legs. Welded Attachment at Support Strainer.D01.010.0071-MCD-C 13OM-202-5 O-ISIN4-121A-1.3NDE-65VT-1NA0.000Main Condenser 1C Welded Attachment at Support Strainer.D01.010.0081-UST-DOME 07AO-348 0-ISIN4-121A-1.7NDE-65VT-1NA0.000Upper Surge Tank Dome Support LegD01.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank 1A Support Legs. | 1.010.005 1.1 | | | ON 251 0055 | | \/T 1 | | 0.000 | | |
| Class C OM 351-0164 D01.010.006 1-LPSW-STR-A OM 240-0002 NDE-65 VT-1 NA 0.000 Low Pressure Service Water Strainer Class C 14B O-ISIN4-124A-1.1 NDE-65 VT-1 NA 0.000 Low Pressure Service Water Strainer D01.010.007 1-MCD-C OM-202-5 NDE-65 VT-1 NA 0.000 Main Condenser 1C Welded Attachment at Support D01.010.007 1-MCD-C OM-202-5 NDE-65 VT-1 NA 0.000 Main Condenser 1C Welded Attachment Class C OM-202-25 OM-202-25 NDE-65 VT-1 NA 0.000 Upper Surge Tank Dome Support Leg 001.010.008 1-UST-DOME O-348 NDE-65 VT-1 NA 0.000 Upper Surge Tank Dome Support Leg 001.010.009 1-UST-A OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | 1.010.005 I-LV | U-COULER-A | | | NDE-00 | V I - 1 | INA | | | |
| D01.010.0061-LPSW-STR-AOM 240-0002 14BNDE-65VT-1NA0.000 0.000Low Pressure Service Water Strainer Legs. Welded Attachment at Support Strainer.Class COM-202-5 13OM-202-5 OM-202-25NDE-65VT-1NA0.000 0.000Main Condenser 1C Welded Attachment at Support Legs.D01.010.0071-MCD-COM-202-5 OM-202-25NDE-65VT-1NA0.000 0.000Main Condenser 1C Welded Attachme Legs.D01.010.0081-UST-DOMEO-348 07AOH-202-25VT-1NA0.000 0.000Upper Surge Tank Dome Support Leg 0.000D01.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank 1A Support Legs. | Class C | | | | | | | 0.000 | | |
| Class C14BO-ISIN4-124A-1.10.000Legs. Welded Attachment at Support Strainer.D01.010.0071-MCD-COM-202-5NDE-65VT-1NA0.000Main Condenser 1C Welded Attachm Legs.D01.010.0071-MCD-COM-202-25NDE-65VT-1NA0.000Main Condenser 1C Welded Attachm Legs.D01.010.0081-UST-DOMEO-348NDE-65VT-1NA0.000Upper Surge Tank Dome Support LegD01.010.0091-UST-AOM 149-0001NDE-65VT-1NA0.000Upper Surge Tank 1A Support Legs. | 01233 0 | | | 0101001104 | | | | | | |
| Class C Strainer. 201.010.007 1-MCD-C OM-202-5 NDE-65 VT-1 NA 0.000 Main Condenser 1C Welded Attachm 0.101.010.007 1-MCD-C 0-ISIN4-121A-1.3 0-ISIN4-121A-1.3 0.000 Legs. 0.01.010.008 1-UST-DOME 0-348 NDE-65 VT-1 NA 0.000 Upper Surge Tank Dome Support Legs. 0.000 1-UST-DOME OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | 1.010.006 1-L' | PSW-STR-A | | OM 240-0002 | NDE-65 | VT-1 | NA | 0.000 | Low Pressure Service Wat | er Strainer 1A Support |
| Onass O OM-202-5 NDE-65 VT-1 NA 0.000 Main Condenser 1C Welded Attachm 13 O-ISIN4-121A-1.3 0 0.000 Legs. Class C OM-202-25 OM-202-25 001.010.008 1-UST-DOME O-348 NDE-65 VT-1 NA 0.000 Upper Surge Tank Dome Support Leg 001.010.008 1-UST-DOME O-348 NDE-65 VT-1 NA 0.000 Upper Surge Tank Dome Support Leg 01.010.009 1-UST-A OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | | | 14B | O-ISIN4-124A-1.1 | | | | 0.000 | | at Support Legs to |
| 13 O-ISIN4-121A-1.3 OM-202-25 0.000 Legs. 001.010.008 1-UST-DOME O-348 07A NDE-65 VT-1 NA 0.000 Upper Surge Tank Dome Support Leg 0.000 Class C OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | Class C | | | | | | | | Strainer. | |
| 13 O-ISIN4-121A-1.3 OM-202-25 0.000 Legs. 001.010.008 1-UST-DOME O-348 07A NDE-65 VT-1 NA 0.000 Upper Surge Tank Dome Support Leg 0.000 Class C OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | 1 010 007 1-M | 1CD-C | | OM-202-5 | NDE-65 | VT-1 | NA | 0.000 | Main Condenser 1C Welde | d Attachment at Suppo |
| Class C OM-202-25 D01.010.008 1-UST-D0ME O-348 NDE-65 VT-1 NA 0.000 Upper Surge Tank Dome Support Leg 07A O-ISIN4-121A-1.7 0.000 0.000 0.000 0.000 001.010.009 1-UST-A OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | 1.010.007 1.0 | | | | | • • • | | | | a rate ouppor |
| 07A O-ISIN4-121A-1.7 0.000 Class C 001.010.009 1-UST-A OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | Class C | | | | | | | | 5 | |
| 07A O-ISIN4-121A-1.7 0.000 Class C 001.010.009 1-UST-A OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | | | | | | | | | | |
| Class C OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | 1.010.008 1-U | ST-D0ME | | O-348 | NDE-65 | VT-1 | NA | | Upper Surge Tank Dome S | upport Legs. |
| 001.010.009 1-UST-A OM 149-0001 NDE-65 VT-1 NA 0.000 Upper Surge Tank 1A Support Legs. | | | 07A | O-ISIN4-121A-1.7 | | | | 0.000 | | |
| | Class C | | | | | | | | | |
| | 1.010.009 1-U | ST-A | | OM 149-0001 | NDE-65 | VT-1 | NA | 0.000 | Upper Surge Tank 1A Supr | port Leas. |
| | · ····· | | | | | | | 0.000 | | |
| Class C O-348-B | Class C | | | | | | | | | |
| | | | | | | | | | | |

| | C RY D-A, Welded Atta Piping, Pumps, And | | | DUKE I INSERVICE INS service Inspect | | LAN MAN | |) Plan Report | |
|------------------------|------------------------------------------------|-----|------------------------------------|--------------------------------------------|------------------------|---------|--------------------|-------------------------------------|-------------------------------------------------------------------------------|
| Piping | | | _ | Inservice Insp | Oconee Dection Plar | | Ţ | Page 41 02/14/2007 | |
| | ER ID NUMBER | SYS | ISO/DWG NUMBER | RS PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | |
| **** Welde | d Attachments **** | | | | | | | | |
| D01.020.001 Class C | 1-01A-4-2-0-400A-R11 Mech Snubber | 01A | 1-01-06/sht.3 O-ISIN4-122A-1.4 | NDE-65 | VT-1 | NA | 6.000 0.250 | Calculation No. OSC F01.032.002. | -325, page 91. Inspect with |
| D01.020.026 Class C | 1-03A-1-0-400B-SR86 Rigid Restraint | 03A | 1-03A-09/sht.4 O-ISIN4-121D-1.1 | NDE-65 | VT-1 | NA | 6.000 1.000 | Calculation No. OSC F01.031.024. | -342, page 104. Inspect with |
| D01.020.027 Class C | 1-03A-1-0-439A-H72 Spring Hgr | 03A | 1-03A-05/sht.3 O-ISIN4-121D-1.1 | NDE-65 | VT-1 | NA | 6.000 0.500 | Calculation No. OSC F01.032.022. | -339, page 81. Inspect with |
| D01.020.041 Class C | 1-07A-400B-SR17 Rigid Support | 07A | 1-07A-01/sht.4 O-ISIN4-121A-1.7 | NDE-65 | VT-1 | NA | 24.000 0.375 | Calculation No. OSC F01.030.065. | -361, page 88.1. Inspect with |
| D01.020.052 Class C | 1-13-0-345A-PS1-A Rigid Restraint | 13 | O-345A O-ISIN4-133A-1.1 | NDÈ-65 | VT-1 | NA | 96.000 0.375 | | -681 or Calculation No. ht associated with support at ng Water Pump 1A. |
| Total D01.0 | 020 Items: 5 | | | | | · | - | | |

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| EOC 23 | ··· | | | | | | | | | (and) |
|----------------------------|----------|------------|------|-----------------------------------------|---------------------|-----------------------------|-------------|---------------------------------------|------------------------------------------------------|------------------------|
| CATEGORY D | | | | | SERVICE IN | ENERGY COP SPECTION PL | AN MAN | AGEMENT | | |
| Vessels, Pipin | ig, Pum | ps, And Va | live | _ | | Oconee 1 | | ment System | | Plan Report Page 42 |
| ITEM NUMBER | ID NU | MBER | SYS | | ervice Insp PROC | | | rval 4 Outage 2 DIA/THK CAL BLOCKS | COMMENTS | 02/14/2007 |
| **** Welded Atta | achments | **** | | | | | | | | |
| D01.030.010 1-C Class C | CCWP-A | - | 13 | OM 2020003 O-ISIN4-133A-1.1 O-345 | NDE-65 | VT-1 Attachmen Casing | CS at to | 0.000 2.000 | Condenser Circulating Wa Welded Attachment to Pur | |
| Total D01.030 Ite | ems: | 1 | | | | | | | | |
| Total D01 Items: | | 13 | | | | · | | | | |

| EOC | 23 | ۲ |
|-----|----|---|

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| CATEGORY F-A, Supports DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System | | | | | | | | | lan Report |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------|------------------|-------------|---------------------|-------------|--------------------|--------------------------------------|--------------|
| Class 1 | Piping Supports | | | | Oconee ⁻ | 1 | | | Page 43 |
| | | | Ins | ervice Insp | pection Plar | n for Inter | val 4 Outage 2 | | 02/14/2007 |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | |
| **** Catego | ory A, One-Directional | **** | | | | | | | |
| F01.010.006 | 1-51A-0-479A-H9B | | 1-51-26/sht.1 | NDE-66 | VT-3 | NA | 2.500 | Calculation No. OSC-1304-06, page 6 | 6(1)31 |
| | Rigid Support | 51A | O-ISIN4-101A-1.4 | | | | 0.000 | High Pressure Injection. | |
| Class A | | | | | | | | | |
| Total F01.0 | 010 Items: 1 | | ······· | | | ····· | ······ | | ······ |
| **** Catego | ory C, Thermal Moveme | ent **** | | | | | | | |
| F01.012.001 | 1-50-0-480A-H11 | | 1-50-01/sht.1 | NDE-66 | VT-3 | NA | 2.500 | Calculation No. OSC-1314-06, page | 129. Inspect |
| | Hyd Snubber | 50 | O-ISIN4-100A-1.1 | | | | 0.000 | with F01.050.013. | |
| Class A | | | | | | | | | |
| F01.012.003 | 1-50-0-481A-H6 | | 1-50-01/sht.1 | NDE-66 | VT-3 | NA | 2.500 | Calulation No. OSC-1314-06, page 1 | 29. Inspect |
| | Spring Hgr | 50 | O-ISIN4-100A-1.2 | | | | 0.154 | with B10.020.001. | |
| Class A | | | | | | | | | |
| F01.012.010 | 1-53A-0-479A-H8B | | 1-53-08 | NDE-66 | VT-3 | NA | 10.000 | Calculation No. OSC-1300. Inspect wi | th |
| | Spring Hgr | 53A | O-ISIN4-102A-1.3 | | | | 1.500 | B10.020.017. | |
| Class A | | | | | | | | | |
| | | | | | | | | | |

Total F01.012 Items: 3

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| | | Plan Report | | | | | | | |
|------------------------|-------------------------------------|-------------|-----------------------------------------------------|-------------|--------------|-----------|--------------------|-----------------------------------------------------------|------------|
| Class 2 | Piping Supports | | | | Oconee 1 | | | | Page 44 |
| | | | Ins | ervice Insp | pection Plan | for Inter | val 4 Outage 2 | | 02/14/2007 |
| ITEM NUMBE | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | |
| **** Catego | ory A, One-Directional ** | ** | | | | | | | |
| F01.020.044 Class B | 1-51-0-436H-H57 Rigid Support | 51 | 1-51-01/sht.1 O-ISIN4-101A-1.1 O-1AB-15101-01 | NDE-66 | VT-3 | NA | 4.000 0.750 | Calculation No. OSC-400, page 50. | |
| F01.020.062 Class B | 1-51A-0-435C-H138 Rigid Support | 51A | 1-51-04/sht.1 O-ISIN4-101A-1.3 O-1AB-15104-01 | NDE-66 | VT-3 | NA | 4.000 0.000 | Calculation No. OSC-1639, page 30. Pressure Injection. | 5. High |
| F01.020.068 Class B | 1-51A-0-478A-H18C Rigid Support | 51A | 1-55-03/sht.2 O-ISIN4-101A-1.1 | NDE-66 | VT-3 | NA | 2.500 0.000 | Calculation No. OSC-1660-11, page Pressure Injection. | 66. High |
| F01.020.069 Class B | 1-51A-0-439C-H81 Rigid Support | 51A | 1-51-04/sht.4 O-ISIN4-101A-1.4 | NDE-66 | VT-3 | NA | 4.000 0.000 | Calculation No. OSC-1639, page 33. | |
| F01.020.073 Class B | 1-51B-436H-DE010 Rigid Support | 51B | 1-51-01/sht.2 O-ISIN4-101A-1.2 O-1AB-15101-02 | NDE-66 | VT-3 | NA | 2.500 0.000 | Calculation No. OSC-400, page 51. | |
| F01.020.081 Class B | 1-53-438C-TWE-2879 Rigid Support | 53 | 1-53-01/sht.3 O-ISIN4-102A-1.1 O-1AB-15301-03 | NDE-66 | VT-3 | NA | 14.000 0.000 | Calculation No. OSC-407, page 106. | |
| F01.020.091 Class B | 1-53B-435B-DE026 Rigid Support | 53B | 1-53-02/sht.1 O-ISIN4-102A-1.2 O-1AB-15302-01 | NDE-66 | VT-3 | NA | 10.000 | Calculation No. OSC-408. | |
| F01.020.095 Class B | 1-53B-2-0-436E-H10 Rigid Support | 53B | 1-51-02/sht.2 O-ISIN4-101A-1.3 O-1AB-15102-02 | NDE-66 | VT-3 | NA | 6.000 0.216 | Calculation No. OSC-1535, page 136 |). |

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| <u>CATEGOI</u> | RY F-A, Supports | | | ERVICE INS | ENERGY CO SPECTION Pl ion Database | | GEMENT | | Plan Report |
|------------------------------------------------|----------------------------|-----|------------------|-------------|------------------------------------------|-------------|--------------------|---------------------------------------|---------------|
| Class 2 | Piping Supports | | | | Oconee 1 | I | | | Page 45 |
| | | | Inse | ervice Insp | ection Plar | n for Inter | val 4 Outage 2 | | 02/14/2007 |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | |
| F01.020.114 | 1-54A-3-0-436-H3 | | 1-54-01/sht.1 | NDE-66 | VT-3 | NA | 8.000 | Calculation No. OSC-1628, page 6 | Э. |
| | Rigid Support | 54A | O-ISIN4-103A-1.1 | | | | 0.125 | | |
| Class B | | | | | | | | | |
| F01.020.116 | 1-54A-0-444-R15 | | 1-54-03/sht.1 | NDE-66 | VT-3 | NA | 8.000 | Calculation No. OSC-416, page 58. | 1. |
| | Rigid Support | 54A | O-ISIN4-103A-1.1 | | | | 0.500 | | |
| Class B | | | | | | | | | |
| Total F01.0 | 020 Items: 10 | | | | | | | | |
| **** Catego | ory B, Multi-Directional * | *** | | | | | | | |
| F01.021.032 | 1-14-478E-H6016 | | 1-03A-14/sht.3 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-1224-16, pag | e 44. |
| | Rigid Restraint | 14 | O-ISIN4-121D-1.1 | • | | | 0.000 | | |
| Class B | | | | | | | | | |
| F01.021.051 | 1-51-0-436H-SR3 | | 1-51-02/sht.1 | NDE-66 | VT-3 | NA | 4.000 | Calculation No. OSC-1535, page13 | 5-1. |
| | Rigid Restraint | 51 | O-ISIN4-101A-1.2 | | | | 0.000 | | |
| Class B | | | O-1AB-15102-01 | | | | | | |
| F01.021.052 | 1-51-0-439C-SR45 | | 1-51-05/sht.1 | NDE-66 | VT-3 | NA | 4.000 | Calculation No. OSC-1537, page 5 | 5.1. |
| | Rigid Restraint | 51 | O-ISIN4-101A-1.3 | | | | 0.000 | | |
| Class B | | | O-1AB-15105-01 | | | | | | |
| F01.021.053 | 1-51-0-436H-SR15 | | 1-51-02/sht.1 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-1535, page 13 | 35-1. Inspect |
| | Rigid Restraint | 51 | O-ISIN4-101A-1.2 | | | | 1.000 | with C03.020.051. | |
| Class B | | | O-1AB-15102-01 | | | | | | |
| F01.021.101 | 1-54A-3-0-439A-H19 | | 1-54-03/sht.1 | NDE-66 | VT-3 | NA | 8.000 | Calculation No. OSC-416, page 58. | 1. |
| | Rigid Restraint | 54A | O-ISIN4-103A-1.1 | | | | 0.500 | | |
| Class B | | | | | | | | | |
| Total F01.0 | 21 Items: 5 | | | | | | <u> </u> | · · · · · · · · · · · · · · · · · · · | |
| ••• <u>-</u> ••••••••••••••••••••••••••••••••• | | | | | | | | | |

**** Category C, Thermal Movement ****

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

| inservice inspection Database Management System | | | | | | | | | | |
|-------------------------------------------------|---------------------------------------|-----|------------------|-------------|-------------------------------------|-----------|----------------|-------------------------------------|------------------|--|
| Class 2 | Piping Supports | | | | Oconee 1 | • | | | Page 46 | |
| | · · · · · · · · · · · · · · · · · · · | | Ins | ervice Insp | pection Plan | for Inter | val 4 Outage 2 | | 02/14/2007 | |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH DIA/THK CAL BLOCKS | | | COMMENTS | | |
| F01.022.002 | 1-01A-0-401A-FAC-1203 | | 1-01-05/sht.2 | NDE-66 | VT-3 | NA | 8.000 | Calculation No. OSC-324. | | |
| | Spring Hgr | 01A | O-ISIN4-122A-1.3 | | | | 0.000 | | | |
| Class B | | | | | | | | | | |
| F01.022.012 | 1-03-0-479A-H2A | | 1-03-06/sht.1 | NDE-66 | VT-3 | NA | 14.000 | Calculation No. OSC-1297-06. | | |
| | Constant Support | 03 | O-ISIN4-121B-1.3 | | | | 0.000 | | | |
| Class B | | | 0-490B-2S | | | | | | | |
| F01.022.063 | 1-51A-0-439C-H80 | | 1-51-04/sht.4 | NDE-66 | VT-3 | NA | 4.000 | Calculation No. OSC-1639, page 3 | 3. High Pressure | |
| | Mech Snubber | 51A | O-ISIN4-101A-1.4 | | | | 0.000 | Injection. Inspect with F01.050.053 | 3. | |
| Class B | | | | | | | | | | |

Total F01.022 Items:

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| Inservice Inspection Database Management System | | | | | | | | | | |
|-------------------------------------------------|-----------------------------------|------|------------------------------------|-------------|--------------|-----------|----------------------------------------|------------------------------------|-------------------|--|
| Class 3 | Piping Supports | | | | Oconee 1 | | | | Page 47 | |
| | | | Ins | ervice Insp | pection Plan | for Inter | val 4 Outage 2 | | 02/14/2007 | |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | | |
| **** Catego | ory A, One-Directional ** | *** | | | | | | | | |
| F01.030.016 | 1-02A-4-403A-TR7 | | 1-01-06/sht.3 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-325, page 9 | 1. | |
| | Rigid Support | 02A | O-ISIN4-122A-1.4 | | | | 0.000 | | | |
| Class C | | | | | | | | | | |
| | | | | | | | | | | |
| F01.030.031 | 1-03A-401A-DE015 Rigid Support | 00.4 | 1-03A-10/sht.3 O-ISIN4-121D-1.1 | NDE-66 | VT-3 | NA | 6.000 0.000 | Calculation No. OSC-343, page 5 | 1. | |
| Class C | Rigia Support | 03A | 0-151N4-121D-1.1 | | | | 0.000 | | | |
| Class C | | | | | | | | | | |
| F01.030.036 | 1-03A-1-0-439B-H19 | | 1-03A-05/sht.2 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-339, page 8 | 0. | |
| | Rigid Support | 03A | O-ISIN4-121D-1.1 | | | | 0.000 | | | |
| Class C | | | | | | | | | | |
| | | | | | | | ······································ | | | |
| F01.030.038 | 1-03A-1-0-400B-H62 | | 1-03A-09/sht.4 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-342, page 1 | 04. | |
| Class C | Rigid Support | 03A | O-ISIN4-121D-1.1 | | | | 0.000 | | | |
| Class C | | | | | | | | | | |
| F01.030.039 | 1-03A-1-0-439B-H80 | | 1-03A-09/sht.2 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-342 | ····· | |
| | Rigid Support | 03A | O-ISIN4-121D-1.1 | | | | 0.000 | | | |
| Class C | | | | | | | | | | |
| | ········ | | | ···· | | | | | | |
| F01.030.065 | 1-07A-400B-SR17 | | 1-07A-01/sht.4 | NDE-66 | VT-3 | NA | 24.000 | Calculation No. OSC-361, page 88 | 8.1. Inspect with | |
| Class C | Rigid Support | 07A | O-ISIN4-121A-1.7 | | | | 0.375 | D01.020.041. | | |
| Class C | | | | | | | | | | |
| F01.030.075 | 1-13-0-345A-PS1-A | | O-345A | NDE-66 | VT-3 | NA | 96.000 | Calculation No. OSC-605 or OSC- | 681 Support | |
| | Rigid Support | 13 | O-ISIN4-133A-1.1 | | | | 0.375 | located on discharge piping for Co | | |
| Class C | | | | | | | | Circulating Water Intake Pump 1A | ۰ <i>.</i> | |
| | | | | | | | | | | |
| Total F01.030 Items: 7 | | | | | | | | | | |
| **** Category B, Multi-Directional **** | | | | | | | | | | |
| F01.031.021 | 1-03A-1-0-439B-H82 | | 1-03A-06/sht.2 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-340, page 89 | Э. | |
| | Rigid Restraint | 03A | O-ISIN4-121D-1.1 | | | | 0.500 | | | |

DUKE ENERGY CORPORATION **INSERVICE INSPECTION PLAN MANAGEMENT**

| CATEGO | RY F-A, Supports | | | SERVICE INS | ENERGY COF SPECTION PL ion Database | AN MANA | GEMENT | Plan Report |
|-------------|-------------------------|------|------------------|-------------|-------------------------------------------|------------|--------------------|-------------------------------------------------|
| Class 3 | Piping Supports | | | | Oconee 1 | | | Page 48 |
| | | | Ins | ervice Insp | ection Plan | for Interv | val 4 Outage 2 | 02/14/2007 |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| F01.031.023 | 1-03A-1-0-439C-H102 | | 1-03A-09/sht.3 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-342, page 103. |
| | Rigid Restraint | 03A | O-ISIN4-121D-1.1 | | | | 0.200 | |
| Class C | - | | | | | | | |
| F01.031.024 | 1-03A-1-0-400B-SR86 | | 1-03A-09/sht.4 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-342, page 104. Inspect with |
| | Rigid Restraint | 03A | O-ISIN4-121D-1.1 | | | | 1.000 | D01.020.026. |
| Class C | - | | | | | | | |
| Total F01.0 | 031 Items: 3 | | | | | | | |
| **** Catego | ory C, Thermal Movement | **** | | | | | | |
| F01.032.002 | 1-01A-4-2-0-400A-R11 | | 1-01-06/sht.3 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-325, page 91. Inspect with |
| | Mech Snubber | 01A | O-ISIN4-122A-1.4 | | | | 0.250 | D01.020.001 and F01.050.098. |
| Class C | | | | | | | | |
| F01.032.022 | 1-03A-1-0-439A-H72 | | 1-03A-05/sht.3 | NDE-66 | VT-3 | NA | 6.000 | Calculation No. OSC-339, page 81. Inspect with |
| | Spring Hgr | 03A | O-ISIN4-121D-1.1 | | | | 0.500 | D01.020.027. |
| Class C | | | | | | | | |
| F01.032.082 | 1-14B-0-436F-H25 | | 1-14-06/sht.2 | NDE-66 | VT-3 | NA | 16.000 | Calculation No. OSC-1541, page 101. |
| | Spring Hgr | 14B | O-ISIN4-124B-1.1 | | | | 0.258 | |
| Class C | | | | | | | | |
| | | | | | | | | |

Total F01.032 Items:

(_____ EOC 23

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| | | | Inserv | vice Inspect | ion Database | Manager | ment System | Plan Report |
|---------------|-----------------------|----------|------------------|--------------|--------------|-----------|--------------------|--------------------------------------------------|
| Supports | Other Than Piping Sup | ports | | | Oconee 1 | | | Page 49 |
| | · · · · · · · | <u> </u> | Ins | ervice Insp | pection Plan | for Inter | val 4 Outage 2 | 02/14/2007 |
| ITEM NUMBER | R ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ I | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| **** Class 1, | 2, and 3 **** | | | | | | | |
| F01.040.004 | 1-LDCA-SUPPORT | | OM 201-3107 | NDE-66 | VT-3 | NA | 0.000 | Letdown Cooler Support 1A. |
| | | 51A | O-ISIN4-101A-1.1 | | | | 0.000 | |
| Class A | | | | | 0 | | | |
| F01.040.005 | 1-RB-CC-A | | OM 201-3142 | NDE-66 | VT-3 | NA | 0.000 | Reactor Building Cooling Coils 1A. Additional |
| | | 53A | O-ISIN4-124B-1.2 | | | | 0.000 | Drawing OM 235-0514. Rescheduled per PIP |
| Class B | | | OM 235-0513 | | · . | | | O-06-4249. |
| F01.040.008 | 1-DIESEL ENG -A | | OM 351-164 | NDE-66 | VT-3 | NA | 0.000 | Diesel Engine A Support. |
| | | | O-ISIN4-135B-1.4 | | | | 0.000 | (Drawing found in manual) |
| Class C | | | | | | | | |
| F01.040.009 | 1-UST-A | | OM 149-0001 | NDE-66 | VT-3 | NA | 0.000 | Upper Surge Tank 1A Support Legs. |
| | | 07A | O-ISIN4-121A-1.7 | | | | 0.000 | See drawing # O-348-B-001 for BasePlate details. |
| Class C | | | O-348-B | | | | | |
| F01.040.013 | 1-LPI-PU-A | | OM 1201-1121 | NDE-66 | VT-3 | NA | 0.000 | LPI Pump 1A Support Pad & Legs. Refer to Pump |
| | | 53A | O-ISIN4-102A-1.2 | | | | 0.000 | Manual. |
| Class B | | | | | | | | |
| F01.040.015 | 1-LPSW-STR-A | | OM 240-0002 | NDE-66 | VT-3 | NA | 0.000 | Low Pressure Service Water Strainer 1A, Support |
| | | 14B | O-ISIN4-124A-1.1 | | | | 0.000 | Legs. |
| Class C | | | | | | | | · · · · · |
| F01.040.016 | 1-MCD-C | | OM-202-5 | NDE-66 | VT-3 | NA | 0.000 | Main Condenser 1C Support Legs. Item |
| | | | O-ISIN4-121A-1.3 | | | | 0.000 | rescheduled as aresult of PIP O-06-4249. |
| Class C | | | OM-202-25 | | | | | · · · · · · · · · · · · · · · · · · · |
| F01.040.021 | 1-JWHX-A | | OM 351-164 | NDE-66 | VT-3 | NA | 0.000 | Jacket Water Heat Exchanger 1A. |
| Class C | | | O-ISIN4-138A-1.1 | | · | | 0.000 | (Drawing found in manual) |
| 1 1000 1 | | | | | | | | |

Class C

C EOC 23

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

| | | | Inserv | ice Inspect/ | ion Database | Managem | ient System | Plan Report |
|------------------------|-------------------------------------|--------|-----------------------------------------|--------------|--------------|------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Support | s Other Than Piping Su | pports | | | Oconee 1 | | | Page 50 |
| | | | Ins | ervice Insp | pection Plan | for Interv | /al 4 Outage 2 | 02/14/2007 |
| | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| F01.040.022 Class B | 1-RCSR-COOLER-A | 51B | OM 201-0086 O-ISIN4-101A-1.1 | NDE-66 | VT-3 | NA | 0.000 0.000 | Reactor Coolant Seal Return Cooler 1A. This item rescheduled as a result of PIP O-06-4249. This support was examined in outage 2 during the fourth interval but it needs to be scheduled at the same time that the welds for the Reactor Coolant Seal Return Cooler are scheduled to be examined during the Fifth interval to prevent double entry in this area. |
| F01.040.024 | 1-LS-TANK | 51B | OM 201-63 O-ISIN4-101A-1.2 | NDE-66 | VT-3 | NA | 0.000 0.000 | Letdown Storage Tank. Item rescheduled as a result of PIP O-06-4249. |
| Class B | | | | | | | | |
| F01.040.032 | 1-LD-FTR-A | 51A | OM 201-0128 O-ISIN4-101A-1.2 | NDE-66 | VT-3 | NA | 0.000 0.250 | Letdown Filter 1A. This item rescheduled as a result of PIP O-06-4249. |
| Class B | | | | | | | | |
| F01.040.033 Class A | 1-50-0-66A-RCPM-S1 Hyd Snubber | 50 | 0-66A O-ISIN4-100A-1.1 O-66B | NDE-66 | VŢ-3 | NA | 5.000 0.000 | Calculation No. OSC-0971-01-0001, Reactor Coolant Pump 1A1 Motor Snubbers. Reference PIP 0-O96-1575. Inspect with F01.050.112. |
| F01.040.037 Class A | 1-50-RCPM-H6598 Constant Support | 50 | OM 201.D-003 O-ISIN4-100A-1.1 | NDE-66 | VT-3 | NA | 0.000 0.000 | Reactor Coolant Pump 1A1 Motor Constant Spring Supports. |
| F01.040.038 | 1-LO-COOLER-A | | OM 351-164 O-ISIN4-138A-1.1 | NDE-66 | VT-3 | NA | 0.000 0.000 | Lube Oil Cooler 1A. (Drawing found in manual) |
| Class C | | | | | | | | |
| F01.040.039 Class C | 1-UST-DOME | 07A | O-348 O-ISIN4-121A-1.7 | NDE-66 | VT-3 | NA | 0.000 0.000 | Upper Surge Tank Dome Support Legs. Item rescheduled as a result of PIP O-06-4249. |
| F01.040.040 Class C | 1-CCWP-A | 13 | OM 2020003 O-ISIN4-133A-1.1 O-345 | NDE-66 | VT-3 | CS | 0.000 2.000 | Condenser Circulating Water Pump 1A. Examine the Pump Thrust Support shown in the plan view of drawing 0-345, also examine the Pump Floor Plate and associated bolting shown in View A-A of drawing OM 202.0003. |

| EOC 23 CATEGORY F-A, Sup Supports Other Than | | INSE Inservi Inse | Plan Report Page 51 02/14/2007 | | | |
|----------------------------------------------------|-----------|-------------------------|--------------------------------------|-------------------------------------|----------|--|
| ITEM NUMBER ID NU | JMBER SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH DIA/THK CAL BLOCKS | COMMENTS | |
| Total F01.040 Items: | 16 | | | | | |
| Total F01 Items: | 51 | | | | | |

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Oconee 1

Plan Report Page 52 02/14/2007

| | | | Ins | ervice Insp | ection Plar | n for Inter | val 4 Outage 2 | 02/14/2007 |
|-------------------------|------------------------------|-----|-----------------|-----------------------|-------------|-------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | R ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| G01.001.001 Class A | 1-RCP-1A1 Circumferential | 50 | OM-201D-38 | NDE-900 54-ISI-117 | UT | CS | 72.000 9.500 | Reactor Coolant Pump 1A1 Flywheel. The complete volume of the flywheel shall be examined by UT at approximately 3 year intervals. Reference Section 7 of the ISI Plan, General Requirements. |
| G01.001.002 Class A | 1-RCP-1A2 Circumferential | 50 | OM-201D-38 | NDE-900 54-ISI-117 | UT | CS | 72.000 9.500 | Reactor Coolant Pump 1A2 Flywheel. The complete volume of the flywheel shall be examined by UT at approximately 3 year intervals. Reference Section 7 of the ISI Plan, General Requirements. |
| G01.001.003 Class A | 1-RCP-1B1 Circumferential | 50 | OM-201D-38 | NDE-900 54-ISI-117 | UT | CS | 72.000 9.500 | Reactor Coolant Pump 1B1 Flywheel. The complete volume of the flywheel shall be examined by UT at approximately 3 year intervals. Reference Section 7 of the ISI Plan, General Requirements. |
| G01.001.004 Class A | 1-RCP-1B2 Circumferential | 50 | OM-201D-38 | NDE-900 54-ISI-117 | UT | CS | 72.000 9.500 | Reactor Coolant Pump 1B2 Flywheel. The complete volume of the flywheel shall be examined by UT at approximately 3 year intervals. Reference Section 7 of the ISI Plan, General Requirements. |
| G01.001.004A Class A | 1-RCP-1B2 Circumferential | 50 | OM-201D-38 | NDE-25 54-ISI-271 | MT . | CS | 72.000 9.500 | Reactor Coolant Pump 1B2 Flywheel. When maintenance or repair activities require removal of the flywheel, a surface examination of exposed surfaces and a complete volumetric examination shall be performed if the interval measured from the previous such inspection is greater than 6 2/3 years. Reference Section 7 of the ISI Plan, General Requirements. |

Total G01.001 Items: 5 5

Total G01 Items:



CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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Inservice Inspection Database Management System

Plan Report Page 53

| | Plan Report Page 53 | | | | | | | | |
|-------------------------|-------------------------------|-----|----------------------------|-----------|-----------------------|---------------|----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | • | | n for Interva | • | | 02/14/2007 |
| ITEM NUMBE | R ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REC | MAT/SCH D | IA/THK CA | L BLOCKS | COMMENTS |
| G02.001.005A Class A | 1-PDA1-46 | 51A | ISI OCN1-011 OM-201-597 | NDE-690 | UT | CS | 3.500 2.500 | 40410 40350 | 1A1 Make-Up Nozzle Pc. 46. Perform UT on the nozzle inside radius (knuckle area). This schedule cannot be changed. Reference Section 7 of the ISI |
| | | | | | | | | | Plan, General Requirements. |
| G02.001.005B | 1-PDA2-46 | | ISI OCN1-012 | NDE-690 | UT | CS | 3.500 | 40410 | 1A2 Make-Up Nozzle Pc. 46. Perform UT on the |
| Class A | | 51A | OM-201-597 | | | | 2.500 | 40350 | nozzle inside radius (knuckle area). This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.005C | 1-PDB1-46 | | ISI OCN1-013 | NDE-690 | UT | CS | 3.500 | 40410 | 1B1 HPI Nozzle Pc. 46. Perform UT on the nozzle |
| Class A | | 51A | OM-201-597 | | | | 2.500 | 40350 | inside radius (knuckle area). This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.005D | 1-PDB2-46 | 510 | ISI OCN1-014 OM-201-597 | NDE-690 | UT | CS | 3.500 2.500 | 40410 40350 | 1B2 HPI Nozzle Pc. 46. Perform UT on the nozzle inside radius (knuckle area). This schedule cannot |
| Class A | | | OM-201-337 | | | | 2.000 | 10000 | be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.006A | | | ISI OCN1-011 | PDI-UT-10 | UT | SS-Inconel | 3.500 | 40416 | 1A1 Make-Up Nozzle Pc. 46 to Safe End Pc. 47. |
| Class A | Circumferential Dissimilar | 51A | OM-201-597 | | Nozzle to Safe End | | 0.750 | | Perform UT on the nozzle to safe end weld. This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.006B | | | ISI OCN1-012 | PDI-UT-10 | UT | SS-Inconel | 3.500 | 40416 | 1A2 Make-Up Nozzle Pc. 46 to Safe End Pc. 47. |
| | Circumferential | 51A | OM-201-597 | | Nozzle to | | 0.750 | | Perform UT on the nozzle to safe end weld. This schedule cannot be changed. Reference Section 7 |
| | Dissimilar | | | | Safé End | | | | of the ISI Plan, General Requirements. |
| G02.001.006C | | | ISI OCN1-013 | PDI-UT-10 | UT | SS-Inconel | 3.500 | 40416 | 1B1 HPI Nozzle Pc. 46 to Safe End Pc. 47. Perform |
| Class A | Circumferential Dissimilar | 51A | OM-201-597 | | Nozzle to Safe End | | 0.750 | | UT on the nozzle to safe end weld. This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.006D | | | ISI OCN1-014 | PDI-UT-10 | UT | SS-Inconel | 3.500 | 40416 | 1B2 HPI Nozzle Pc. 46 to Safe End Pc. 47. Perform |
| | Circumferential | 51A | OM-201-597 | | Nozzle to | | 0.750 | | UT on the nozzle to safe end weld. This schedule cannot be changed. Reference Section 7 of the ISI |
| Class A | Dissimilar | | | | Safe End | | | | Plan, General Requirements. |

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Plan Report

| Oconee 1 Inservice Inspection Plan for Interval 4 Outage 2 | | | | | | | | | Page 54 |
|---------------------------------------------------------------|-------------------------------|-----|-----------------------------|-----------|---------------------------|-----------------|----------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | | | | 02/14/2007 |
| ITEM NUMBER | | SYS | ISO/DWG NUMBERS | | INSP REQ M | AT/SCH | DIA/THK C | AL BLOCKS | COMMENTS |
| G02.001.007A Class A | 1-PDA1-47 | 51A | ISI OCN1-011 OM-201-597 | PDI-UT-10 | UT | SS | 3.500 0.750 | 40416 | Safe End Pc. 47 adjoining Make-Up Nozzle 1A1. Perform UT on the Safe End base metal (between the nozzle to safe end weld and the safe end to pipe weld). This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.007B Class A | 1-PDA2-47 | 51A | ISI OCN1-012 OM-201-597 | PDI-UT-10 | UT | SS | 3.500 0.750 | 40416 | Safe End Pc. 47 adjoining Make-Up Nozzle 1A2. Perform UT on the Safe End base metal (between the nozzle to safe end weld and the safe end to pipe weld). This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.007C Class A | 1-PDB1-47 | 51A | ISI OCN1-013 OM-201-597 | PDI-UT-10 | UT | SS | 3.500 0.750 | 40416 | Safe End Pc. 47 adjoining HPI Nozzle 1B1. Perform UT on the Safe End base metal (between the nozzle to safe end weld and the safe end to pipe weld). This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.007D Class A | 1-PDB2-47 | 51A | ISI OCN1-014 OM-201-597 | PDI-UT-10 | UT | SS | 3.500 0.750 | 40416 | Safe End Pc. 47 adjoining HPI Nozzle 1B2. Perform UT on the Safe End base metal (between the nozzle to safe end weld and the safe end to pipe weld). This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.008A C Class A | 1RC-199-154 ircumferential | 51A | 1RC-199 O-ISIN4-100A-1.1 | NDE-995 | UT Safe End to Pipe | SS [*] | | Component - 50202 | Safe End Pc. 47 adjoining Make-Up Nozzle 1A1. Perform UT on weld 1RC-199-154 and adjoining base metal out to weld 1RC-199-149 (at valve 1HP-127). This schedule cannot be changed. Revision 2 changed weld number from 1-RC-199-94. Inspect with G04.001.029. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.008B C Class A | 1RC-200-161 ircumferential | 51A | 1RC-200 O-ISIN 100A-1.1 | NDE-995 | UT Safe End to Pipe | SS | 2.500 0.375 | Component 50202 | Safe End Pc. 47 adjoining Make-Up Nozzle 1A2. Perform UT on weld 1RC-200-161 and adjoining base metal out to weld 1RC-200-160 (at valve 1HP-126). This schedule |



CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

| | | | | · | ion Database M Oconee 1 ection Plan fo | - | - | | Plan Report Page 55 02/14/2007 |
|-------------------------|-------------|-----|-----------------------------|---------|----------------------------------------------|--------|----------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ M | AT/SCH | DIA/THK C | AL BLOCKS | COMMENTS cannot be changed. Revision 2 changed weld number from 1RC-200-7. Inspect with G04.001.031. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.008C Class A | 1RC-201-101 | 51A | 1RC-201 O-ISIN4-100A-1.1 | NDE-995 | UT Safe End to Pipe | SS | 2.500 0.375 | Component 50202 | Safe End Pc. 47 adjoining HPI Nozzle 1B1. Perform UT on weld 1RC-201-101 and adjoining base metal out to weld 1RC-201-97 (at valve 1HP-153). This schedule cannot be changed. Revision 2 changed weld number from 1-51A-11-89. Inspect with G04.001.003. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.008D | 1RC-201-105 | | 1RC-201 | NDE-995 | UT | SS | 2.500 | Component | Safe End Pc. 47 adjoining HPI Nozzle 1B2. |

| G02.001.008D 1RC-201-105 | 1RC-201 | NDE-995 | UT | SS | 2.500 Component | Safe End Pc. 47 adjoining HPI Nozzle 1B2. |
|--------------------------------------------------------|---------------------------------|---------|------------------------|----|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circumferential Class A | 51A O-ISIN4-100A-1.1 | | Safe End to Pipe | | 0.375 50202 | Perform UT on weld 1RC-201-105 and adjoining base metal out to weld 1RC-201-92 (at valve 1HP-152). This schedule cannot be changed. Revision 2 changed weld number from 1-51A-11-87. Inspect with G04.001.001. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.010A 1RC-199-149 Circumferential Class A | 1RC-199 51A O-ISIN4-100A-1.1 | NDE-995 | UT Pipe to Valve | SS | 2.500 Component 0.375 50202 | Make-Up Nozzle 1A1. Perform UT on weld 1RC-199-149 (at valve 1HP-127). This schedule cannot be changed. Inspect with G04.001.028. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.010B 1RC-200-160 Circumferential Class A | 1RC-200 51A O-ISIN 100A-1.1 | NDE-995 | UT Pipe to Valve | SS | 2.500 Component 0.375 50202 | Make-Up Nozzle 1A2. Perform UT on weld 1RC-200-160 (at valve 1HP-126). This schedule cannot be changed. Revision 2 changed weld number from 1RC-200-8 to 1RC-200-160. Inspect |

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

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| | | | | | Oconee 1 | | | | Page 56 02/14/2007 |
| | ID NUMBER | SYS | INSE ISO/DWG NUMBERS | PROC | ection Plan INSP REQ | | | ge 2 CAL BLOCKS | COMMENTS with G04.001.030. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.010C 1R0 Circu Class A | C-201-97 mferential | 51A | 1RC-201 O-ISIN4-100A-1.1 | NDE-995 | UT Pipe to Valve | SS | 2.500 0.375 | Component 50202 | HPI Nozzle 1B1. Perform UT on weld 1RC-201-97 (at valve 1HP-153). This schedule cannot be changed. Revision 2 changed weld number from 1-51A-11-90. Inspect with G04.001.004. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.010D 1R0 Circu Class A | C-201-92 mferential | 51A | 1RC-201 O-ISIN4-100A-1.1 | NDE-995 | UT Pipe to Valve | SS | 2.500 0.375 | Component 50202 | HPI Nozzle 1B2. Perform UT on weld 1RC-201-92 (at valve 1HP-152). This schedule cannot be changed. Revision 3 changed weld number from 1-51A-11-88. Inspect with G04.001.002. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.011A 1A1 Circu Class A | 1-THERM SLEEVE mferential | 51A | ISI OCN1-011 O-ISIN4-100A-1.1 | NDE-105 | RT | SS | 3.500 0.750 | | Make-Up Nozzle 1A1. Perform RT between the nozzle to safe end and safe end to pipe weld in the thermal sleeve expansion area as described in procedure NDE-105. This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.011B 1A2 Circu Class A | 2-THERM SLEEVE mferential | 51A | ISI OCN1-012 O-ISIN4-100A-1.1 | NDE-105 | RT | SS | 3.500 0.750 | | Make-Up Nozzle 1A2. Perform RT between the nozzle to safe end and safe end to pipe weld in the thermal sleeve expansion area as described in procedure NDE-105. This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| G02.001.011C 1B1 Circui Class A | I-THERM SLEEVE mferential | | ISI OCN1-013 O-ISIN4-100A-1.1 | NDE-105 | RT | SS | 3.500 0.750 | | HPI Nozzle 1B1. Perform RT between the nozzle to safe end and safe end to pipe weld in the thermal sleeve expansion area as described in procedure NDE-105. This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |

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|----------------------------------------|-------------------------|-------|---------------------------------------|-----------------------------------------------------|----------------------------------------|-----------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| | HERM SLEEVE erential | 51A | ISI OCN1-014 O-ISIN4-100A-1.1 | NDE-105 | RT | SS | 3.500 0.750 | HPI Nozzle 1B2. Perform RT between the nozzle to safe end and safe end to pipe weld in the thermal sleeve expansion area as described in procedure NDE-105. This schedule cannot be changed. Reference Section 7 of the ISI Plan, General Requirements. |
| Total G02.001 Item Total G02 Items: | s: 24 24 | | · · · · · · · · · · · · · · · · · · · | | ······································ | | | |
| Total Guz items: | 24 | | | | | | | |

| EOC 23 CATEGO | C RY AUG, Augmented | Insp | | DUKE E INSERVICE INS Iservice Inspecti | | | BEMENT | n | Plan Report |
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| | | | | | Oconee 1 | | | | . Page 58 02/14/2007 |
| | ER ID NUMBER | 975 | ISO/DWG NUMBE | Inservice Inspe RS PROC | | | | ge 2 AL BLOCKS | COMMENTS |
| | | - 010 | | | | | | | |
| G04.001.001 Class A | 1RC-201-105 Circumferential | 51A | 1RC-201 O-ISIN4-100A-1.1 | NDE-995 | UT Pipe to Safe-End | SS | 2.500 0.375 | Component 50202 | Inspect 100% of weld & 1" of base material (axial & circumferential). Revision 2 changed weld number from 1-51A-11-87. Inspect with G02.001.008D. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G04.001.002 Class A | 1RC-201-92 Circumferential | 51A | 1RC-201 O-ISIN4-101A-1.4 | NDE-995 | UT Pipe to Valve 1HP | SS -152 | 2.500 0.375 | Component 50202 | Inspect 100% of weld & 1" of base material (axial & circumferential). Revision 3 changed weld number from 1-51A-11-88. Inspect with G02.001.010D. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G04.001.003 Class A | 1RC-201-101 Circumferential | 51A | 1RC-201 O-ISIN4-101A-1.4 | NDE-995 | UT Pipe to Safe-End | SS | 2.500 0.375 | Component 50202 | Inspect 100% of weld & 1" of base material (axial & circumferential). Revision 2 changed weld number from 1-51A-11-89. Inspect with G02.001.008C. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G04.001.004 Class A | 1RC-201-97 Circumferential | 51A | 1RC-201 O-ISIN4-101A-1.4 | NDE-995 | UT Pipe to Valve 1HP- | SS -153 | 2.500 0.375 | Component 50202 | Inspect 100% of weld & 1" of base material (axial & circumferential). Revision 2 changed weld number from 1-51A-11-90. Inspect with G02.001.010C. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G04.001.013 Class A | 1RC-201-91 Circumferential | | 1RC-201 O-ISIN4-101A-1.4 | NDE-995 NDE-12 | UT Valve 1HP Valve 1HP | | 2.500 0.375 | Component 50202 | Use procedure NDE-995 to perform a circumferential scan of the weld and one half inch of base metal on each side of the weld as access permits. Use procedure NDE-12 to perform RT on 100% of the weld and one quarter inch of base metal on each side of the weld. See PIP # 0-99-02-02157 and PIP # 0-01-04673 for examination methods and area of coverage for this item number. Reference Section 7 of the ISI Plan, |

. . EOC 23 CATEGORY AUG, Augmented Inspections CATEGORY AUG, Augmented Inspections INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Oconee 1

Inservice Inspection Plan for Interval 4 Outage 2

ITEM NUMBER

ID NUMBER SYS ISO/DWG NUMBERS

PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS

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COMMENTS

General Requirements.

meets the requirements for the G04 inspection.

Reference Section 7 of the ISI Plan, General

G04.001.014 1RC-201-96 1RC-201 UT NDE-995 SS 2.500 Component Use procedure NDE-995 to perform a 51A O-ISIN4-101A-1.4 **NDF-12** 0.375 50202 circumferential scan of the weld and one half inch Circumferential of base metal on each side of the weld as access Valve 1HP-488 to Class A permits. Use procedure NDE-12 to perform RT on Valve 1HP-153 100% of the weld and one guarter inch of base metal on each side of the weld. See PIP # O-99-02-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number. Reference Section 7 of the ISI Plan, General Requirements. G04.001.020 1RC-200-166 1RC-200 NDE-995 UT SS 2.500 Component Use procedure NDE-995 to perform a circumferential scan of the weld and one half inch Circumferential 51A **NDE-12** 0.375 50202 of base metal on each side of the weld as access Valve 1HP-486 to Class A permits. Use procedure NDE-12 to perform RT on Valve 1HP-126 100% of the weld and one guarter inch of base metal on each side of the weld. See PIP # O-99-02-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number. Reference Section 7 of the ISI Plan. General Requirements. G04.001.024 1RC-199-150 1RC-199 UT NDE-995 SS Component 2.500 Use procedure NDE-995 to perform a Circumferential 51A **NDE-12** 0.375 50202 circumferential scan of the weld and one half inch Valve 1HP-127 to of base metal on each side of the weld as access Class A permits. Use procedure NDE-12 to perform RT on Valve 1HP-487 100% of the weld and one quarter inch of base metal on each side of the weld. See PIP # O-99-02-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number. Reference Section 7 of the ISI Plan, General Requirements. G04.001.028 1RC-199-149 1RC-199 NDE-995 UT SS 2.500 Component Inspect 100% of weld & 1" of base material (axial & circumferential). Inspect with G02.001.010A. The 0.375 50202 Circumferential 51A O-ISIN4-100A-1.1 inspection performed for the G02 item number Pipe to Class A

Valve 1HP-127

EOC 23 DUKE ENERGY CORPORATION CATEGORY AUG, Augmented Inspections INSERVICE INSPECTION PLAN MANAG

INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Oconee 1

Inservice Inspection Plan for Interval 4 Outage 2 JMBERS PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS

| ITEM NUMBER | ID NUMBER |
|-------------|-----------|

SYS ISO/DWG NUMBERS

Requirements.

COMMENTS

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| G04.001.029 Class A | 1RC-199-1 <u>54</u> Circumferential | 51A | 1RC-199 O-ISIN4-100A-1.1 | NDE-995 | UT Safe End F Pipe | SS Pc. 47 to | 2.5000.375 | Component 50202 | Inspect 100% of weld & 1" of base material (axial & circumferential). Revision 2 changed weld number from 1-RC-199-94. Inspect with G02.001.008A. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
|------------------------|----------------------------------------|-----|-----------------------------|---------|-----------------------------|-----------------|---------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G04.001.030 Class A | 1RC-200-160 Circumferential | 51A | 1RC-200 O-ISIN4-100A-1.1 | NDE-995 | UT Pipe to Valve 1HP- | SS 126 | 2.500 0.375 | Component 50202 | Inspect 100% of weld & 1" of base material (axial & circumferential). Revision 2 changed weld number from 1RC-200-8 to 1RC-200-160. Inspect with G02.001.010B. The inspection performed for the G02 item number meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |
| G04.001.031 Class A | 1RC-200-161 Circumferential | 51A | 1RC-200 O-ISIN 100A-1.1 | NDE-995 | UT Safe End P Pipe | SS /c. 47 to | 2.500 0.375 | Component 50202 | Inspect 100% of weld & 1" of base material (axial & circumferential). Revision 2 changed weld number from 1RC-200-7. Inspect with G02.001.008B. The inspection performed for the G02 meets the requirements for the G04 inspection. Reference Section 7 of the ISI Plan, General Requirements. |

Total G04 Items: 12



CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Oconee 1

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| | | | ins | ervice Insp | ection Pla | an for Interva | l 4 Outag | e 2 | 02/14/2007 |
|-------------|-----------------|-----|-----------------|-------------|------------|----------------|-----------|-----------|--------------------------------------------------------------------------------------------|
| ITEM NUMBE | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REC | MAT/SCH D | IA/THK CA | AL BLOCKS | COMMENTS |
| | | | | | | | | | |
| G12.001.005 | 1-PDB1-11 | | ISI OCN1-013 | PDI-UT-10 | UT | SS-Inconel | 3.500 | 40416 | 1B1 HPI Nozzle Pc. 46 to Safe End Pc. 47. |
| | Circumferential | 51A | OM-201-597 | | | | 0.750 | | Augmented Inspection Per MRP-139. Contact Jody |
| Class A | | | | | Nozzle to | - | | | Shuping for additional information on this examination. Examination schedule cannot exceed |
| | Dissimilar | | | | Safe End | d . | | | 5 years between examinations. |
| G12.001.006 | 1-PDB2-11 | • | ISI OCN1-014 | PDI-UT-10 | UT | SS-Inconel | 3.500 | 40416 | 1B2 HPI Nozzle Pc. 46 to Safe End Pc. 47. |
| | Circumferential | 51A | OM-201-597 | | | | 0.750 | | Augmented Inspection Per MRP-139. Contact Jody |
| Class A | | | | | Nozzle to | c | | | Shuping for additional information on this |
| | Dissimilar | | | | Safe End | ţ | | | examination. Examination schedule cannot exceed |
| | | | | | | | | | 5 years between examinations. |
| G12.001.007 | 1-PDA1-11 | | ISI OCN1-011 | PDI-UT-10 | UT | SS-Inconel | 3.500 | 40416 | 1A1 Make-Up Nozzle Pc. 46 to Safe End Pc. 47. |
| | Circumferential | 51A | OM-201-597 | | | | 0.750 | | Augmented Inspection Per MRP-139. Contact Jody |
| Class A | | | | | Nozzle to | D C | | | Shuping for additional information on this |
| | Dissimilar | | | | Safe End | Ę | | | examination. Examination schedule cannot exceed |
| | | | | | | | | | 5 years between examinations. |
| G12.001.008 | 1-PDA2-11 | | ISI OCN1-012 | PDI-UT-10 | UT | SS-Inconel | 3.500 | 40416 | 1A2 Make-Up Nozzle Pc. 46 to Safe End Pc. 47. |
| | Circumferential | 51A | OM-201-597 | | | | 0.750 | | Augmented Inspection Per MRP-139. Contact Jody |
| Class A | Class A | | | | Nozzle to | C | | | Shuping for additional information on this |
| | Dissimilar | | | | Safe End | Ł | | | examination. Examination schedule cannot exceed |
| | | | | | | | | | 5 years between examinations. |

Total G12.001 Items: 4

4

Total G12 Items:

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

| | | | Inser | vice Inspect | tion Database | e Managem | ent System | Plan Report |
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| | · | | | | Oconee 1 | | | Page 62 |
| | | C | Ins | ervice Insp | pection Plan | for Interv | /al 4 Outage 2 | 02/14/2007 |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
| | | | | | | | | |
| G13.001.001 Class A | 1-PZR-WP45 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 4.000 0.438 | Pressurizer Spray Nozzle Pc. 9 to Spray Nozzle Safe End Pc. 45. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Examine with item number G13.001.002. |
| G13.001.002 Class A | 1-PSP-1 Circumferential Term end Dissimilar | 50 | ISI-OCN1-016 O-ISIN4-100A-1.1 1-50-03(1) | NDE-68 | VT-2 Nozzle to Pipe | SS-Inconel 120 | 4.000 0.438 | Pressurizer Spray Piping. Spray Nozzle Pc. 45 to Pipe 4" NPS Pc. 90. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.003 Class A | 1-PZR-WP23 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-287 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 11.375 1.930 | Pressurizer Surge Nozzle Pc. 8 to Surge Nozzle Safe End Pc. 37. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.004 | 1-PZR-WP91-1 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 2.500 0.000 | Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Safe End Pc. 32. W-X Quadrant. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| | | | Inserv | vice Inspecti | ion Database | Managem | ient System | Plan Report |
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| | | | | | Oconee 1 | | | Page 63 |
| | | | | ervice Insp | | | /al 4 Outage 2 | 02/14/2007 |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ I | | DIA/THK CAL BLOCKS | COMMENTS |
| G13.001.005 Class A | 1-PZR-WP91-2 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-JSIN4-100A-1.2 OM-201-1026 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 2.500 0.000 | Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Safe End Pc. 32. X-Y Quadrant. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.006 Class A | 1-PZR-WP91-3 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 2.500 0.000 | Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Safe End Pc. 32. Z-W Quadrant. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.007 Class A | 1-PHB-17 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-006 O-ISIN4-100A-1.1 OM-201-603 | NDE-68 | VT-2 (Nozzle to Buttering | CS-Inconel | 12.750 1.125 | Steam Generator 1B Hot Leg Decay Heat Nozzle Pc. 34 to Inconel Buttering. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with G13.001.008. |
| G13.001.008 Class A | 1LP-140-1A Circumferential Term end / Stress weld Dissimilar | | 1LP-140 O-ISIN4-102A-1.1 ISI-OCN1-006 | NDE-68 | VT-2 S Nozzle But Pipe | SS-Inconel tering to | 12.000 1.125 | Low Pressure Injection System. Decay Heat Nozzle Inconel Buttering Pc. 34 to Pipe 12" NPS. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

| | | | Inserv | vice Inspect | ion Database Manageme | nt System | Plan Report |
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| | | | ins | ervice Insp | bection Plan for Interva | al 4 Outage 2 | 02/14/2007 |
| ITEM NUMBI | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH D | A/THK CAL BLOCKS | COMMENTS |
| G13.001.009 Class A | 1-PHA-17 Circumferential Dissimilar | 50 | ISI-OCN1-005 O-ISIN4-100A-1.1 | NDE-68 | VT-2 SS-Inconel Nozzle to Buttering | 10.750 1.000 | Steam Generator 1A Hot Leg Surge Nozzle Pc. 25 to Inconel Buttering. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.010. |
| G13.001.010 Class A | 1-PSL-10 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-015 O-ISIN4-100A-1.1 OM-201-594 | NDE-68 | VT-2 SS-CS 140 Nozzle to Pipe | 10.750 1.000 | Pressurizer Surge Piping. Surge Nozzle Pc. 25 to Pipe 10" NPS Pc. 85. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.011 Class A | 1-PZR-WP63-1 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. W-X Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.012. |
| G13.001.012 Class A | 1-50-6-7 Circumferential Dissimilar | 50 | 1-50-6 | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 1.187 | Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water |

CATEGORY AUG, Augmented Inspections

ID NUMBER

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

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| G13.001.013 Class A • | 1-PZR-WP63-2 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 CS-Inc Nozzle to Safe End | one! 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Y-Z Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.014. |
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| G13.001.014 Class A | 1-50-6-11A Circumferential Dissimilar | 50 | 1-50-6 | NDE-68 | VT-2 SS-Inco Pipe to Safe End | onel 1.000 1.187 | Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.015 Class A | 1-PZR-WP63-3 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 CS-Inco Nozzle to Safe End | onel 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Z-W Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.016. |

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leakage."

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DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Oconee 1

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| | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH D | • | COMMENTS |
| G13.001.016 Class A | 1-50-6-9A Circumferential Dissimilar | 50 | 1-50-6 | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 1.187 | Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.017 Class A | 1-PZR-WP63-4 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. W-X Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.018. |
| G13.001.018 Class A | 1-50-6-1A Circumferential Dissimilar | 50 | 1-50-6 | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 1.187 | Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.019 Class A | 1-PZR-WP63-5 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Y-Z Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.020. |

| EOC 23 CATEGO | RY AUG, Augmented | | B ISO/DWG NUM | Inservi Inse | ERVICE INS ice Inspecti | ENERGY CORPORATION SPECTION PLAN MANAGE ion Database Managemen Oconee 1 Dection Plan for Interva INSP REQ MAT/SCH D | nt System I 4 Outage 2 | Plan Report Page 67 02/14/2007 S COMMENTS |
|------------------------|-----------------------------------------------|----|---------------|-----------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G13.001.020 Class A | 1-50-6-5A Circumferential Dissimilar | 50 | 1-50-6 | | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 1.187 | Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.021 Class A | 1-PZR-WP63-6 Circumferential Dissimilar | 50 | ISI-OCN1-002 | | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Z-W Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.022. |
| G13.001.022 Class A | 1-50-6-3A Circumferential Dissimilar | 50 | 1-50-6 | | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 1.187 | Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.023 Class A | 1-PZR-WP63-7 Circumferential Dissimilar | 50 | ISI-OCN1-002 | | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Z-W Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this |

| EOC 23 CATEGOI | C RY AUG, Augmente ER ID NUMBER | | B ISO/DWG NU | Inserv Inse | ERVICE INS ice Inspect | SPECTION F ion Databas Oconee pection Pla | n for Interva | | Plan Report Page 68 02/14/2007 COMMENTS examination. |
|------------------------|-----------------------------------------------|----|--------------|----------------|---------------------------|----------------------------------------------------|---------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | · | | | Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.024. |
| G13.001.024 Class A | 1-50-6-16 Circumferential Dissimilar | 50 | 1-50-6 | | NDE-68 | VT-2 Pipe to Safe End | SS-Inconel | 1.000 1.187 | Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.025 Class A | 1-50-5-1 Circumferential Dissimilar | 50 | 1-50-5(1) | | NDE-68 | VT-2 Pipe to Safe End | SS-Inconel | 1.000 1.187 | inch PZR vent nozzle SB-166 SE to SB-166 Nozzle weld and SS pipe weld. (Examine the PZR surface where the PZR Vent Nozzle and the PZR Head/Shell interface and also examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.026 Class A | 1RC-269-125V Circumferential Dissimilar | 50 | 1RC-269 | | NDE-68 | VT-2 Pipe to Safe End | SS-Inconel | 1.000 0.250 | inch HL SB-166 Tap SE to CS Nozzle weld and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |

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EOC 23 UKE ENERGY CORPOR CATEGORY AUG, Augmented Inspections INSERVICE INSPECTION PLAN N

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

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Inservice Inspection Plan for Interval 4 Outage 2

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| G13.001.027 Class A | 1-50-4-125 Circumferential Dissimilar | 50 | 1-50-4(3) | NDE-68 | VT-2 SS-Inco Pipe to Safe End | onel 1.000 1.187 | 1 inch HL SB-166 Tap SE to CS Nozzle weld and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
|------------------------|---------------------------------------------|----|-----------|--------|-------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G13.001.028 Class A | 1-50-4-143 Circumferential Dissimilar | 50 | 1-50-4(1) | NDE-68 | VT-2 SS-Inco Pipe to Safe End | onel 1.000 0.250 | 1 inch HL SB-166 Tap SE to CS Nozzle weld and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.029 Class A | 1-50-4-131 Circumferential Dissimilar | 50 | 1-50-4(3) | NDE-68 | VT-2 SS-Inco Pipe to Safe End | onel 1.000 0.250 | 3/4 inch ID HL SB-166 Flowmeter Noz SE to CS Nozzle weld and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. |

{. EOC 23 DUKE ENERGY CORPORATION **CATEGORY AUG, Augmented Inspections** INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System Oconee 1

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COMMENTS

Acceptance criteria is "no evidence of borated water leakage."

| G13.001.030 Class A | 1-50-4-135 Circumferential Dissimilar | 50 | 1-50-4(3) | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 0.250 | 3/4 inch ID HL SB-166 Flowmeter Noz SE to CS Nozzle weld and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
|------------------------|-----------------------------------------------|----|-----------|--------|----------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G13.001.031 Class A | 1-50-4-150 Circumferential Dissimilar | 50 | 1-50-4(1) | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 0.250 | 3/4 inch ID HL SB-166 Flowmeter Noz SE to CS Nozzle weld and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.001.032 Class A | 1RC-273-143V Circumferential Dissimilar | 50 | 1RC-273 | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 1.187 | 1 inch HL SB-166 Tap SE to CS Nozzle weld and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. |

EOC 23 DUKE ENERGY CORPORATION **CATEGORY AUG.** Augmented Inspections INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System Plan Report Oconee 1 Page 71 02/14/2007 Inservice Inspection Plan for Interval 4 Outage 2 PROC INSP BEQ MAT/SCH DIA/THK CAL BLOCKS ITEM NUMBER ID NUMBER SYS ISO/DWG NUMBERS COMMENTS Acceptance criteria is "no evidence of borated water leakage." G13.001.033 1-50-4-44A 1-50-4(1)NDE-68 VT-2 SS-Inconel 1.000 3/4 inch ID HL SB-166 Flowmeter Noz SE to CS Nozzle weld and SS pipe weld. 0.250 Circumferential 50 (Examine the Nozzle to Safe-End weld and the Pipe to Class A Safe-End to Pipe weld.) Safe End Dissimilar Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination; Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Total G13.001 items: 33 G13.002.001 1-RPV-WR53 ISI-OCN1-001 **NDE-68** VT-2 SS-CS 15.625 RV A-Side Core Flood Nozzle Pc. 17 to Core Flood Nozzle Safe End Pc. 89. W-Axis. 1.688 Circumferential 50 O-ISIN4-100A-1.1 Augmented Inspection Per MRP-139. Contact Jody Nozzle to Class A Term end Shuping for additional information on this Safe End Dissimilar examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 gualified inspector. Acceptance criteria is "no evidence of borated water leakage." G13.002.002 1-RPV-WR53A **ISI-OCN1-001 NDE-68** VT-2 SS-CS 15.625 RV B-Side Core Flood Nozzle Pc. 17 to Core Flood 1.688 Nozzle Safe End Pc. 89. Y-Axis. Circumferential O-ISIN4-100A-1.1 50 Augmented Inspection Per MRP-139. Contact Jody Nozzle to Term end Class A Shuping for additional information on this Safe End Dissimilar examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of

borated water leakage."



CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

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| | | | | | | | I 4 Outage 2 | |
| ITEM NUMBI | | SYS | ISO/DWG NUMBERS | PROC | | | IA/THK CAL BLOCKS | COMMENTS |
| G13.002.003 | 1-PIB1-11 | | ISI-OCN1-009 | NDE-68 | VT-2 | CS-Inconel | 3.500 | Reactor Coolant Pump 1B1 Suction Piping. Drain |
| | Circumferential | 50 | O-ISIN4-100A-1.1 | | Norrio to | | 0.672 | Nozzle Pc. 87 to Safe End Pc. 88. Augmented Inspection Per MRP-139. Contact Jody |
| Class A | Stress weld | | OM-201-595 | | Nozzle to Safe End |) | | Shuping for additional information on this |
| | Dissimilar | | | | Sale Linu | | | examination. |
| | | | | | | x | | Bare Metal Visual Examinations are to be performed |
| | | | | | | | | once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of |
| | | | | | | | | borated water leakage." |
| | | | | | | | | Solutou mator loulago. |
| G13.002.004 | 1-51A-07-7E | | 1-51A-07(1) | NDE-68 | | SS-Inconel | 2.500 | Reactor Coolant Pump 1B1 |
| G13.002.004 | Circumferential | 510 | O-ISIN4-100A-1.1 | NDE-00 | V 1-2 | 33-Inconer | 0.375 | Suction Piping. Safe End Pc. 88 to Elbow. |
| Class A | Stress weld | JIA | ISI-OCN1-009 | | Safe End | to | 0.070 | Augmented Inspection Per MRP-139. Contact Jody |
| Old33 A | Dissimilar | | | | Elbow | | | Shuping for additional information on this |
| | Biobinniq | | | | | | | examination. |
| | | | | | | | | Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified |
| | | | | | | | | inspector. Acceptance criteria is "no evidence of |
| | | | | | , | | | borated water leakage." |
| | | | | | | | | |
| G13.002.005 | 1-PIA1-7 | - | ISI-OCN1-007 | NDE-68 | VT-2 | SS-CS | 33.500 | Reactor Coolant Pump 1A1 Suction Piping. |
| | Circumferential | 50 | O-ISIN4-100A-1.1 | | | | 2.330 | Transition Pc. 210 to Salvaged Pipe Pc. 215. |
| Class A | Stress weld | | OM-201-1845 | | Transition | Piece to | | Augmented Inspection Per MRP-139. Contact Jody |
| | Dissimilar | | | | Pipe | | | Shuping for additional information on this |
| | | | | | | | | examination. Bare Metal Visual Examinations are to be performed |
| | | | | | | | | once every third refueling outage by a VT-2 qualified |
| | | | | | | | | inspector. Acceptance criteria is "no evidence of |
| | | | | | | | | borated water leakage." |
| | | | | | | | | |
| G13.002.006 | 1-PIA2-7 | | ISI-OCN1-008 | NDE-68 | VT-2 | SS-CS | 33.500 | Reactor Coolant Pump 1A2 Suction Piping. |
| | Circumferential | 50 | O-ISIN4-100A-1.1 | | | | 2.330 | Transition Pc. 210 to Salvaged Pipe Pc. 215. |
| Class A | Stress weld | | OM-201-1845 | | Transition | Piece to | | Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this |
| | Dissimilar | | | | Pipe | | | examination. |
| | | | | | | | | Bare Metal Visual Examinations are to be performed |
| | | | | | | | | once every third refueling outage by a VT-2 qualified |
| | | | | | | | | inspector. Acceptance criteria is "no evidence of |
| | | | | | | | | borated water leakage." |



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| G13.002.007 Class A | 1-PIB1-7 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-009 O-ISIN4-100A-1.1 OM-201-1845 | NDE-68 | VT-2 Transitior Pipe | SS-CS | 33.500 2.330 | Reactor Coolant Pump 1B1 Suction Piping. Transition Pc. 210 to Salvaged Pipe Pc. 215. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
|------------------------|----------------------------------------------------------|----|-------------------------------------------------|--------|----------------------------|-------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G13.002.008 Class A | 1-PIB2-7 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-010 O-ISIN4-100A-1.1 OM-201-1845 | NDE-68 | VT-2 Transition Pipe | SS-CS | 33.500 2.330 | Reactor Coolant Pump 1B2 Suction Piping. Transition Pc. 210 to Salvaged Pipe Pc. 215. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.009 Class A | 1-PDA1-2 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-011 O-ISIN4-100A-1.1 OM-201-1844 | NDE-68 | VT-2 Safe End Elbow | SS-CS to | 33.500 2.330 | Reactor Coolant Pump 1A1 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.010 Class A | 1-PDA2-2 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-012 O-ISIN4-100A-1.1 OM-201-1844 | NDE-68 | VT-2 Safe End Elbow | SS-CS to | 33.500 2.330 | Reactor Coolant Pump 1A2 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. |

| EOC 23 CATEGOI | C RY AUG, Augmented ER ID NUMBER | | Inser | SERVICE INS vice Inspect | ENERGY CORPORATION SPECTION PLAN MANA tion Database Managem Oconee 1 Dection Plan for Interv INSP REQ MAT/SCH | GEMENT ent System | Plan Report Page 74 02/14/2007 COMMENTS Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
|------------------------|----------------------------------------------------------|----|-------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G13.002.011 Class A | 1-PDB1-2 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-013 O-ISIN4-100A-1.1 OM-201-1845 | NDE-68 | VT-2 SS-CS Safe End to Elbow | 33.500 2.330 | Reactor Coolant Pump 1B1 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.012 Class A | 1-PDB2-2 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-014 O-ISIN4-100A-1.1 OM-201-1844 | NDE-68 | VT-2 SS-CS Safe End to Elbow | 33.500 2.330 | Reactor Coolant Pump 1B2 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.017 Class A | 1-50-4-115 Circumferential Dissimilar | 50 | 1-50-4(3) | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 0.250 | 1 inch LCL SB-166 Pressure Tap SE to CS Nozzle and SS pipe weld. (Examine the nozzle to Safe-End Weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |

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CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

| - | | | Inserv | vice Inspect | ion Database Managemer | nt System | Plan Report |
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| | | | Ins | ervice Insp | pection Plan for Interval | l 4 Outage 2 | 02/14/2007 |
| | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH D | IA/THK CAL BLOCKS | COMMENTS |
| G13.002.018 Class A | 1-50-4-111 Circumferential Dissimilar | 50 | 1-50-4(3) | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 0.250 | 1 inch LCL SB-166 Pressure Tap SE to CS Nozzle and SS pipe weld. (Examine the nozzle to Safe-End Weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.019 Class A | 1-PIA1-11 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-007 O-ISIN4-100A-1.1 OM-201-1870 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 3.500 0.816 | Reactor Coolant Pump 1A1 Suction Piping. Drain Nozzle Pc. 64 to Safe End Pc. 65. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.020 Class A | 1-50-01-34 Circumferential Stress weld Dissimilar | 50 | 1-50-01(1) O-ISIN4-100A-1.1 ISI-OCN1-007 | NDE-68 | VT-2 SS-Inconel Safe End to Elbow | 1.500 0.281 | Reactor Coolant Pump 1A1 Suction Piping. Safe End Pc. 65 to Elbow. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector.Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.021 Class A | 1-PIA2-11 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-008 O-ISIN4-100A-1.1 OM-201-1870 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 3.500 0.816 | Reactor Coolant Pump 1A2 Suction Piping. Drain Nozzle Pc. 64 to Safe End Pc. 65. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed |

| EOC 23 CATEGOI | C RY AUG, Augmented | Insp | | ERVICE INS | ENERGY CORPORATION SPECTION PLAN MANAGE ion Database Managemen | | |
|------------------------|------------------------------------------------------------|------|-------------------------------------------------|------------|----------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | Oconee 1 Dection Plan for Interval | | Plan Report Page 76 02/14/2007 |
| ITEM NUMB | ER ID NUMBER | SYS | S ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH DI | - | COMMENTS |
| | | | | | | | once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.022 Class A | 1-50-01-21 Circumferential Stress weld Dissimilar | 50 | 1-50-01(1) O-ISIN4-100A-1.1 ISI-OCN1-008 | NDE-68 | VT-2 SS-Inconel Safe End to Elbow | 1.500 0.281 | Reactor Coolant Pump 1A2 Suction Piping. Safe End Pc. 65 to Elbow. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.023 Class A | 1-PIB2-11 Circumferential Stress weld Dissimilar | 50 | ISI-OCN1-010 O-ISIN4-100A-1.1 OM-201-1845 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 3.500 0.816 | Reactor Coolant Pump 1B2 Suction Piping. Drain Nozzle Pc. 64 to Safe End Pc. 65. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.024 Class A | 1-50-4-5 Circumferential Dissimilar | 50 | 1-50-4(3) | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 0.250 | 1 inch UCL SB-166 Pressure Tap SE to CS Nozzle and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Plan Report

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|------------------------|-------------------------------------------------------------|--------------|---------------------------------------------|--------|-----------------------------|------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REC | MAT/SCH D | IA/THK CAL BLOCKS | COMMENTS |
| G13.002.025 Class A | 1-50-4-173 Circumferential Dissimilar | 50 | 1-50-4(3) | NDE-68 | VT-2 Pipe to Safe Enc | SS-Inconel | 1.000 0.250 | 1 inch UCL SB-166 Pressure Tap SE to CS Nozzle and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G13.002.026 Class A | 1RC-261-266 Circumferential Stress weld Dissimilar | 50 | 1RC-261 O-ISIN4-100A-1.1 ISI-OCN1-007 | NDE-68 | VT-2 Safe Enc Elbow | SS-Inconel | 1.500 0.281 | Reactor Coolant Pump 1B2 Suction Piping. Safe End Pc. 65 to Elbow. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |

Total G13.002 Items: 22 55

Total G13 Items:



CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION **INSERVICE INSPECTION PLAN MANAGEMENT** Inservice Inspection Database Management System

Plan Report

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|------------------------|---------------------------------------------------------|-----|-------------------------------------------------|--------|------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | · | | - | pection Plan for Interva | - | |
| ITEM NUMB | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH D | IA/THK CAL BLOCKS | COMMENTS |
| G14.001.001 Class A | 1-PZR-THERM Circumferential Dissimilar | 50 | OM 100-1189 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 1.500 0.000 | 1.5 inch Thermowell located on the Pressurizer. Augmented Inspection Per Oconee Response to BL-2004-01. Contact Jody Shuping and Dave Peltola for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.002 Class A | 1-PZR-HTR PLATES Circumferential Dissimilar | 50 | OM 201-288 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 0.000 0.000 | Heater Diaphragm Plates located on the Pressurizer. Augmented Inspection Per Oconee Response to BL-2004-01. Contact Jody Shuping and Dave Peltola for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.003 Class A | 1-PZR-HTR SLEEVES Circumferential Dissimilar | 50 | OM 201-288 OM 201-152 | NDE-68 | VT-2 CS-Inconel Nozzie to Safe End | 0.000 0.000 | Heater sleeves to diaphragm weld and heater sleeves to sheath weld located on the Pressurizer. Augmented Inspection Per Oconee Response to BL-2004-01. Contact Jody Shuping and Dave Peltola for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.004 Class A | 1-PZR-WP45 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026 | NDE-68 | VT-2 SS-CS Nozzle to Safe End | 4.000 0.438 | Pressurizer Spray Nozzle Pc. 9 to Spray Nozzle Safe End Pc. 45. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional |

BL-2004-01. Contact Jody Shuping for additional information on this examination.

Bare Metal Visual Examinations are to be performed

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| | RY AUG, Augmente | | | INSERVICE IN nservice Inspect Inservice Insp Inservice Insp Inservice Insp | tion Database Oconee 1 pection Plan | e Manageme for Interva | nt System | each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water |
| | | | | | | | | leakage." Examine with item number G14.001.005 |
| G14.001.005 Class A | 1-PSP-1 Circumferential Term end Dissimilar | 50 | ISI-OCN1-016 O-ISIN4-100A-1.1 1-50-03(1) | NDE-68 | VT-2 Nozzle to Pipe | SS-Inconel 120 | 4.000 0.438 | Pressurizer Spray Piping. Spray Nozzle Pc. 45 to Pipe 4" NPS Pc. 90. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.006 Class A | 1-PZR-WP23 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-287 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 11.375 1.930 | Pressurizer Surge Nozzle Pc. 8 to Surge Nozzle Safe End Pc. 37. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.007 Class A | 1-PZR-WP91-1 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 2.500 0.000 | Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Safe End Pc. 32. W-X Quadrant. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.008 Class A | 1-PZR-WP91-2 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 2.500 0.000 | Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Safe End Pc. 32. X-Y Quadrant. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional |

 \bigcirc EOC 23 DUKE ENERGY CORPORATION **CATEGORY AUG, Augmented Inspections**

INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

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| | | | Ins | ervice Insp | Oconee 1 ection Plan | | 4 Outage 2 | Page 80 02/14/2007 |
|------------------------|-----------------------------------------------------------|-----|-------------------------------------------------|-------------|-------------------------------|------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ITEM NUMB | ER ID NUMBER | SYS | S ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH DI | A/THK CAL BLOCKS | COMMENTS information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.009 Class A | 1-PZR-WP91-3 Circumferential Term end Dissimilar | 50 | ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026 | NDE-68 | VT-2 Nozzle to Safe End | SS-CS | 2.500 0.000 | Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Safe End Pc. 32. Z-W Quadrant. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.010 Class A | 1-PZR-WP63-1 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 Nozzle to Safe End | CS-Inconel | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. W-X Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G14.001.011. |
| G14.001.011 Class A | 1-50-6-7 Circumferential Dissimilar | 50 | 1-50-6 | NDE-68 | VT-2 Pipe to Safe End | SS-Inconel | 1.000 1.187 | Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.012 Class A | 1-PZR-WP63-2 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 Nozzle to Safe End | CS-Inconel | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Y-Z Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per Oconee response to |

| EOC 23 CATEGO | ER ID NUMBER | In | INSERVICE INS aservice Inspect | SPECTION P ion Databas Oconee pection Plan | e Managemer 1 | Plan Report Page 81 02/14/2007 COMMENTS BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." | | |
|--------------------------------------------------|-------------------------------|----|-----------------------------------|-----------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G14.001.013 Class A G14.001.014 Class A | Circumferential Dissimilar | 50 | 1-50-6 ISI-OCN1-002 | NDE-68 | Pipe to Safe End | SS-Inconel | 1.000 1.187 1.000 1.187 | Inspect with Item G14.001.013. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Z-W Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water |
| G14.001.015 Class A G14.001.016 Class A | Circumferential Dissimilar | 50 | 1-50-6 ISI-OCN1-002 | NDE-68 NDE-68 | Pipe to Safe End | SS-Inconel | 1.000 1.187 1.000 1.187 | Inspect with Item G14.001.015. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. W-X Quadrant. Reference Section 7 of the ISI Plan, General Requirements. |

| EOC 23 | C RY AUG, Augmented ER ID NUMBER | <u>d Inspections</u> SYS ISO/DWG NUM | INSERVICE IN Inservice Inspect | ENERGY CORPORATION SPECTION PLAN MANAGI tion Database Managemer Oconee 1 Dection Plan for Interval INSP REQ MAT/SCH DI | Plan Report Page 82 02/14/2007 COMMENTS Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G14.001.017. | |
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| G14.001.017 Class A | 1-50-6-1A Circumferential Dissimilar | 1-50-6 50 | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 1.187 | Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.018 Class A | 1-PZR-WP63-5 Circumferential Dissimilar | ISI-OCN1-002 50 | NDE-68 | VT-2 CS-Inconel Nozzle to Safe End | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Y-Z Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G14.001.019. |
| G14.001.019 Class A | 1-50-6-5A Circumferential Dissimilar | 1-50-6 -50 | NDE-68 | VT-2 SS-Inconel Pipe to Safe End | 1.000 1.187 | Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |

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CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

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| | | | Ins | ervice Insp | ection Plar | n for Interva | l 4 Outage 2 | 02/14/2007 |
| | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | | | A/THK CAL BLOCKS | COMMENTS |
| G14.001.020 Class A | 1-PZR-WP63-6 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 Nozzle to Safe End | CS-Inconel | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Z-W Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G14.001.021. |
| G14.001.021 Class A | 1-50-6-3A Circumferential Dissimilar | 50 | 1-50-6 | NDE-68 | VT-2 Pipe to Safe End | SS-Inconel | 1.000 1.187 | Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |
| G14.001.022 Class Ą | 1-PZR-WP63-7 Circumferential Dissimilar | 50 | ISI-OCN1-002 | NDE-68 | VT-2 Nozzle to Safe End | CS-Inconel | 1.000 1.187 | The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Z-W Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G14.001.023. |
| G14.001.023 Class A | 1-50-6-16 Circumferential Dissimilar | 50 | 1-50-6 | NDE-68 | VT-2 Pipe to Safe End | SS-Inconel | 1.000 1.187 | Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water |



CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Oconee 1 Inservice Inspection Plan for Interval 4 Outage 2

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ITEM NUMBER ID NUMBER SYS ISO/DWG NUMBERS PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS

leakage."

| G14.001.024 | 1-50-5-1 | 1-50-5(1) | NDE-68 | VT-2 | SS-Inconel | 1.000 | 1 inch PZR vent nozzle SB-166 SE to SB-166 |
|-------------|-----------------|-----------|--------|----------|------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Circumferential | 50 | | | | 1.187 | Nozzie weld and SS pipe weld. |
| Class A | | | | Pipe to | | | (Examine the PZR surface where the PZR Vent |
| | Dissimilar | | | Safe Enc | ł | | Nozzle and the PZR Head/Shell interface and also examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." |

Total G14.001 Items:24Total G14 Items:24

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CATEGORY ELC, Elective Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management Syste

| service | Inspection | Database | Management | System |
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| | | Oconee 1 | | |

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| Inservice Inspection Plan for Interval 4 Outage 2 | | | | | | | | |
|---------------------------------------------------|-----------|-----|-----------------------------|--------|-----------------------|--------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ITEM NUMBER | ID NUMBER | SYS | S ISO/DWG NUMBERS | PROC | INSP RE | EQ MAT/SCH D | IA/THK CAL BLOCKS | COMMENTS |
| H02.001.007 1-PIA Branch Class A Dissimi | | 50 | ISI-OCN1-007 OM-201-1845 | NDE-35 | PT Salvage Pipe | CS-Inconel ed Pipe to | 8.750 2.250 | RTE Mounting Pipe. This weld covers the Z-W Quadrant. The diameter of hole that penetrates the nozzle into the RCP 1A1 Suction Piping = .613". Reference Section 7 of the ISI Plan, General Requirements. |
| Total H02.001 Item | s: 1 | , | | | | | | |
| Total H02 Items: | 1 | | | | | | | |
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CATEGORY ELC, Elective Inspections

EOC 23

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

| | | | Inser | vice Inspect | ion Database | Managen | nent Syster | n | Plan Report | |
|-------------|---------------------------------------|-----|-------------------------------|---------------------|----------------------|----------|-------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | | | | | Oconee 1 | | | _ | Page 86 | |
| | · · · · · · · · · · · · · · · · · · · | | | - | ection Plan | | | - | 02/14/2007 | |
| | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ I | MAT/SCH | DIA/THK C | CAL BLOCKS | COMMENTS | |
| H03.001.003 | 1-03-3-25C Circumferential | 03 | 1-03-3(1) O-ISIN4-121B-1.3 | NDE-600 NDE-640 | UT | CS | | Component PDI-UT-1-O | Procedure NDE-600 should be used for angle beam inspection and Procedure NDE-640 should be used | |
| Class C | | | | PDI-UT-1 | Pipe to Valve 1FD | W-37 | | | for thickness measurements on this weld. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. Inspection results should be forwarded to Timothy D. Brown of the Oconee Design Basis Group. | |
| H03.001.004 | 1-03-3-25D | | 1-03-3(1) | NDE-600 | UT | CS | | Component | Procedure NDE-600 should be used for angle beam | |
| | Circumferential | 03 | O-ISIN4-121B-1.3 | NDE-640 | Valve 1FD\ | NI 27 to | 1.219 | PDI-UT-1-O | inspection and Procedure NDE-640 should be used for thickness measurements on this weld. | |
| Class B | | | | PDI-UT-1 | Pipe | w-37 to | | | Procedure NDE-600 uses the component for | |
| | | | | | | | | | calibration. Procedure PDI-UT-1 may be used in lieu | |
| | | | | | | | | | of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. | |
| | | | | | | | | | Inspection results should be forwarded to Timothy D. Brown of the Oconee Design Basis Group. | |
| H03.001.005 | 1-FWD64-A | | 1-03-3(1) | NDE-600 | UT | CS | 24.000 | Component | Weld 1-03-3-26C is a Pipe to elbow weld located on | |
| | Circumferential | 03 | O-ISIN4-121B-1.3 | NDE-640 | Charles ha | | 1.219 | PDI-UT-1-O | iso 1-03-3(1). Weld 1-FWD64-A is a Grinnell Subassembly (elbow to pipe) weld located on the | |
| Class B | | | | PDI-UT-1 | Elbow to Pipe | | | | opposite end of the elbow from weld 1-03-3-26C. | |
| | | | | | 1 | | | | Procedure NDE-600 should be used for angle beam | |
| | | | | | | | | | inspection and Procedure NDE-640 should be used for thickness measurements on this weld. | |
| | | | | | | | | | Procedure NDE-600 uses the component for | |
| | | | | | | | | | calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration | |
| | | | | | | | | | block listed shall be used. Inspection results should be forwarded to Timothy | |
| | | | | | | | | | D. Brown of the Oconee Design Basis Group. | |
| H03.001.006 | 1-03-3-26C | | 1-03-3(1) | NDE-600 | UT | CS | | | Procedure NDE-600 should be used for angle beam | |
| Class P | Circumferential | 03 | O-ISIN4-121B-1.3 | NDE-640 PDI-UT-1 | Pipe to | | 1.219 | PDI-UT-1-0 | inspection and Procedure NDE-640 should be used for thickness measurements on this weld. | |
| Class B | | | | г DI-01-1 | Elbow | | | | Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used. | |

| EOC 23 | LC, Elective Ins | Inserv | ERVICE IN ice Inspec | ENERGY CORPORATION SPECTION PLAN MANAGEMENT tion Database Management System Oconee 1 pection Plan for Interval 4 Outage 2 | Plan Report Page 87 02/14/2007 |
|-------------|------------------|---------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| ITEM NUMBER | ID NUMBER | SYS ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH DIA/THK CAL BLOCKS | COMMENTS Inspection results should be forwarded to Timothy D. Brown of the Oconee Design Basis Group. |

| Total H03.001 Items: | 4 | | | | |
|----------------------|---|--|--|--|--|
| Total H03 Items: | 4 | | | | |

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EOC 23 **CATEGORY ELC, Elective Inspections**

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Plan Report Page 88

| | | | Ins | ervice Insr | Oconee 1 Dection Plan | for Interv | val 4 Outage 2 | Page 88 02/14/2007 |
|-------------------------|-----------------------------------|-----|-----------------------------------|-------------|--------------------------|------------|--------------------|--------------------------------------------------------------------------------------------------------------------|
| ITEM NUMBI | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | | | DIA/THK CAL BLOCKS | COMMENTS |
| H04.001.001 Class B | 1-03-0-439B-H62 Rigid Support | 03 | 1-03-01/sht.1 O-ISIN4-121B-1.3 | NDE-66 | VT-3 | NA | 24.000 0.000 | Calculation No. OSC-336, page 45a.1 |
| H04.001.002 Class C | 1-03-0-439B-H54 Rigid Support | 03 | 1-03-01/sht.1 O-ISIN4-121B-1.3 | NDE-66 | VT-3 | NA | 24.000 0.000 | Calculation No. OS-336, page 45a.1 |
| H04.001.003 Class C | 1-03-0-439B-H53 Spring Hgr | 03 | 1-03-01/sht.1 O-ISIN4-121B-1.3 | NDE-66 | VT-3 | NA | 24.000 0.000 | Calculation No. OSC-336, page 45a.1 |
| H04.001.004 Class C | 1-03-0-439B-H52 Rigid Support | 03 | 1-03-01/sht.1 O-ISIN4-121B-1.3 | NDE-66 | VT-3 | NA | 24.000 0.000 | Calculation No. OS-336, page 45a.1 |
| H04.001.005 Class C | 1-03-0-551-H51 Rigid Support | 03 | 1-03-01/sht.1 O-ISIN4-121B-1.3 | NDE-66 | VT-3 | NA | 24.000 2.500 | Calculation No. OS-336, page 45a.1 Inspect with item number H04.001.005A. |
| H04.001.005A Class C | A 1-03-0-551-H51 Rigid Support | 03 | 1-03-01/sht.1 O-ISIN4-121B-1.3 | NDE-25 | MT | NA | 24.000 2.500 | Calculation No. OS-336, page 45a.1 Inspect with H04.001.005 Perform a Surface exam on the attachment welds |
| H04.001.006 Class C | 1-03-0-551-R8 Rigid Support | 03 | 1-03-01/sht.1 O-ISIN4-121B-1.3 | NDE-66 | VT-3 | NA | 24.000 0.312 | Calculation No. OS-336, page 45a.1 Inspect with item number H04.001.006A. |
| H04.001.006A Class C | A 1-03-0-551-R8 Rigid Support | 03 | 1-03-01/sht.1 O-ISIN4-121B-1.3 | NDE-25 | MT | NA | 24.000 0.312 | Calculation No. OS-336, page 45a.1 Inspect with H04.001.006. Perform a Surface exam on the attachment welds. |

Class C

CATEGORY ELC, Elective Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Plan Report Page 89 02/14/2007

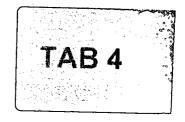
| | | | Inser | Pla | | | | | | |
|-------------|----------------|-------|---------------------------------------------------|--------|----------|---------|--------------------|-------------------------------------|--|--|
| | | | | | | | | | | |
| | | | Inservice Inspection Plan for Interval 4 Outage 2 | | | | | | | |
| | ER ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS | | |
| H04.001.007 | 1-03-0-551-H50 | | 1-03-01/sht.1 | NDE-66 | VT-3 | NA | 24.000 | Calculation No. OSC-336, page 45a.1 | | |
| | Spring Hgr | 03 | O-ISIN4-121B-1.3 | | | | 0.187 | | | |
| Class C | | | | | | | | | | |
| H04.001.022 | 1-01A-0-550-H4 | | 1-01-01/sht.1 | NDE-66 | VT-3 | NA | 34.000 | Calculaton No. OSC-320, page 131.1 | | |
| | Rigid Support | · 01A | O-ISIN4-122A-1.1 | | | | 0.000 | | | |
| Class B | | | | | | | | . · | | |
| H04.001.045 | 1-03-0-551-H65 | | 1-03-01/sht.1 | NDE-66 | VT-3 | NA | 24.000 | Calculation No. OS-336, page 45a.1 | | |
| | Rigid Support | 03 | O-ISIN4-121B-1.3 | | | | 0.000 | | | |

| Total H04.001 Items: | 11 | | | |
|----------------------|----|--|--|--|
| Total H04 Items: | 11 | | | |

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4.0 <u>Results Of Inspections Performed</u>

The results of each examination shown in the final Inservice Inspection Plan (Section 3 of this report) are included in this section. The completion date and status for each examination are shown. All examinations revealing reportable indications and any corrective action required as a result are described in further detail in Subsections 4.1 and 4.2. Corrective measures performed and limited examinations are described in further detail in Subsections 4.3 and 4.4.

The information shown below is a field description for the reporting format included in this section of the report:

| Item Number | = | ASME Section XI Tables IWB-2500- (Class 1), IWC-2500-1 (Class 2), IW 2500-1 (Class 1 and Class 2), Augmented Requirements | | | | | |
|----------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| ID Number | = | Unique Identification Number | | | | | |
| Sys | = | Component System Identification | | | | | |
| Insp Date | = | Date of Examination | | | | | |
| Insp Status | = | CLR Clear REC Recordable REP Reportable | | | | | |
| Insp Limited | = | Indicates inspection was limited. Coverage obtained is listed | | | | | |
| Geo. Ref. (Geometric Reflector applies only to UT) | = | <u>Y</u> Yes <u>N</u> No | | | | | |
| RFR (Relief Request) | = | Y Yes <u>N</u> No | | | | | |
| Comments | = | General and/or Detail Description | | | | | |

EOC 23 Refueling Outage Report Oconee Unit 1 Section 4

1

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4.1 <u>Reportable Indications</u>

EOC 23 (Outage 2) had one reportable item during this report period. See Paragraph 4.2 for corrective actions associated with Item Number C03.010.002.

4.2 Corrective Action

Corrective action is action taken to resolve flaws and relevant conditions, including supplemental examinations, analytical evaluations, repair / replacement activities, and corrective measures.

PIP O-06-07569 was written to document reportable indications found during a Liquid Penetrant (PT) examination on the Letdown Storage Tank Support Leg welded attachments (Item Number C03.010.002).The reportable indications found during the PT examination were repaired under Work order 01682337. Plan Addenda ONS1-022 was written to schedule one additional sample examination as required per Paragraph IWC-2430(a) of the 1998 Section XI Code with the 2000 Addenda. The additional sample examination was scheduled and performed during EOC-23. There will not be any surveillance inspections required per IWC-2420(b) because the attachment welds with indications were repaired.

4.3 <u>Corrective Measures</u>

Corrective measures are actions (such as maintenance) taken to resolve relevant conditions, but not including supplemental examinations, analytical evaluations, and repair / replacement activities. Any corrective measures performed for examinations associated with this report period will be shown on the examination data sheets which are on file at the Duke Energy Corporate Office in Charlotte, North Carolina.

4.4 Limited Examinations

Limited examinations (i.e., less than or equal to 90% of the required examination coverage obtained) identified during EOC 23 (Outage 2) are shown in the table below.

A Request for Relief will be submitted to seek NRC acceptance of the limited coverage for the items listed in the table below.

| Item Number | Description of Limitation |
|-------------|------------------------------|
| B03.110.001 | Coverage limitation (56.92%) |
| B03.110.002 | Coverage limitation (67.48%) |

EOC 23 Refueling Outage Report Oconee Unit 1 Section 4 Page 2 of 3 Revision 0 February 14, 2007

| Item Number | Description of Limitation |
|-------------|------------------------------|
| B03.110.003 | Coverage limitation (62.80%) |
| B03.110.004 | Coverage limitation (62.80%) |
| B03.110.005 | Coverage limitation (62.80%) |
| B03.150.001 | Coverage limitation (60.60%) |
| B03.150.002 | Coverage limitation (60.60%) |
| B09.011.015 | Coverage limitation (36.70%) |
| C01.020.004 | Coverage limitation (80.26%) |
| C02.021.002 | Coverage limitation (85.66%) |
| C05.011.033 | Coverage limitation (37.50%) |
| C05.011.039 | Coverage limitation (62.50%) |
| C05.011.076 | Coverage limitation (37.50%) |
| C05.011.077 | Coverage limitation (37.50%) |
| C05.011.078 | Coverage limitation (62.50%) |
| C05.011.085 | Coverage limitation (62.50%) |

EOC 23 Refueling Outage Report Oconee Unit 1 Section 4 Page 3 of 3 Revision 0 February 14, 2007

| QUALITY ASSURANCE TECHNICAL SERVICES |
|--------------------------------------------------|
| In-Service Inspection Database Management System |
| Oconee 1 Inservice Inspection Listing |

EOC 23 Plant: Oconee 1

| Run D |
|------------|
| Page 1 |
| 02/14/2007 |

| Plant: Oconee 1 Interval 4 Outage 2 | | | | | 02/14/2007 | | | |
|-------------------------------------|------------------------|------------------|------------|-----|--------------------------------|---|----------|-------------------------------------------------------------------|
| | | OVOTEM | INSP DATE | | erval 4 Outage INSP LIMITED | | RFR | COMMENTS |
| ITEM NUMBER B02.040.001 | ID NUMBER 1-SGA-W23 | 50 | 11/02/2006 | CLR | 92.30% | N | <u> </u> | |
| B03.110.001 | 1-PZR-WP15 | 50 | 11/12/2006 | CLR | 56.92% | N | Y | Relief Request will be filed for the limitation. |
| B03.110.001 B03.110.002 | 1-PZR-WP34 | 50 50 | 10/13/2006 | CLR | 67.48% | N | Ý | Relief Request will be filed for the limitation. |
| B03.110.002 B03.110.003 | 1-PZR-WP33-3 | 50 | 10/13/2006 | CLR | 62.80% | Y | Ý | Relief Request will be filed for the limitation. |
| B03.110.003 | 1-FZN-WF33-3 | 50 | 10/13/2000 | OEH | 02.0076 | · | , | Indication # 1 was determined to be geometric due to inner radius |
| | | | | | | | | geometry. |
| B03.110.004 | 1-PZR-WP33-2 | 50 | 10/13/2006 | CLR | 62.80% | N | Y | Relief Request will be filed for the limitation. |
| B03.110.005 | 1-PZR-WP33-1 | 50 | 10/13/2006 | CLR | 62.80% | Ν | Y | Relief Request will be filed for the limitation. |
| B03.120.001 | 1-PZR-WP15 | 50 | 11/12/2006 | CLR | | Ν | Ν | |
| B03.120.002 | 1-PZR-WP34 | 50 | 10/15/2006 | CLR | · | Ν | Ν | |
| B03.120.003 | 1-PZR-WP33-3 | 50 | 10/15/2006 | CLR | | Ν | Ν | |
| B03.120.004 | 1-PZR-WP33-2 | 50 | 10/15/2006 | CLR | | Ν | Ν | |
| B03.120.005 | 1-PZR-WP33-1 | 50 | 10/15/2006 | CLR | . | Ν | Ν | |
| B03.150.001 | 1-51A-18792-1-V-2 | 51A | 10/27/2006 | CLR | 60.60% | Ν | Y | Relief Request will be filed for the limitation. |
| B03.150.002 | 1-51A-18792-1-V-6 | 51A | 10/27/2006 | CLR | 60.60% | Ν | Y | Relief Request will be filed for the limitation. |
| B03.160.001 | 1-51A-18792-1-V-2 | 51A | 11 | | | Ν | Ν | Not Examined. See Relief Request 04-ON-015. |
| B03.160.002 | 1-51A-18792-1-V-6 | 51A | 11 | | | Ν | Ν | Not Examined. See Relief Request 04-ON-015. |
| B06.040.001 | 1-RPV-LIGAMENTS | | 10/12/2006 | CLR | | N | Ν | |
| B07.020.001 | 1-PZR-UHB-STUDS | | 10/10/2006 | CLR | | Ν | Ν | |
| B07.070.005 | 1LP-176-STUDS | 53A | 11/06/2006 | CLR | | Ν | Ν | |
| B09.011.008 | 1-53A-02-50L | 53A | 10/21/2006 | CLR | | Ν | Ν | |
| B09.011.008A | 1-53A-02-50L | 53A | 10/21/2006 | CLR | | N | Ν | |
| B09.011.009 | 1LP-210-54LB | 53A | 10/21/2006 | CLR | | Ν | Ν | |
| B09.011.009A | 1LP-210-54LB | 53A | 10/21/2006 | CLR | | Ν | Ν | |
| B09.011.010 | 1LP-210-56L | 53A [′] | 10/21/2006 | CLR | | N | Ν | |
| B09.011.010A | 1LP-210-56L | 53A | 10/21/2006 | CLR | | Ν | Ν | |
| B09.011.015 | 1-53A-02-68L | 53A | 10/21/2006 | CLR | 36.70% | Ν | Y | Relief Request will be filed for the limitation. |
| B09.011.015A | 1-53A-02-68L | 53A | 10/21/2006 | CLR | | Ν | Ν | |
| B09.011.038 | 1SGB-W3 | 50 | 10/18/2006 | CLR | | Ν | Ν | |
| B09.011.038A | 1SGB-W3 | 50 | 10/18/2006 | CLR | | Ν | Ν | |
| B09.011.047 | 1-PSL-7 | 50 | 10/20/2006 | CLR | | Ν | Ν | |
| B09.011.047A | 1-PSL-7 | 50 | 10/20/2006 | CLR | | Ν | Ν | |
| B09.011.048 | 1-PSL-8 | 50 | 10/31/2006 | CLR | | N | Ν | |
| B09.011.048A | 1-PSL-8 | 50 | 10/30/2006 | CLR | · | N | Ν | |
| B09.011.049 | 1-PSL-9 | 50 | 10/31/2006 | CLR | | Ν | Ν | |
| B09.011.049A | 1-PSL-9 | 50 | 10/30/2006 | CLR | | N | Ν | |
| B09.011.051 | 1-PSP-2 | 50 | 10/15/2006 | CLR | | N | Ν | |
| | | | | | | | | |

EOC 23

DUKE ENERG QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System

Oconee 1 Inservice Inspection Listing

Run D Page 2 02/14/2007

Plant: Oconee 1

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| Plant: Oconee I | | | | I | nterval 4 Outage | 2 | | | | 02/14 |
|-----------------|-----------------|--------|------------|------------|------------------|---------|-----|----------|------|-------|
| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATU | S INSP LIMITED | GEO REF | RFR | COMMENTS | | |
| B09.011.051A | 1-PSP-2 | 50 | 10/15/2006 | CLR | | Ν | Ν | | | |
| B09.011.052 | 1-PSP-3 | 50 | 10/15/2006 | CLR | | N | N | | | |
| B09.011.052A | 1-PSP-3 | 50- | 10/15/2006 | CLR | | Ν | Ν | | | |
| B09.011.060 | 1-PIB2-4 | 50 | 10/17/2006 | CLR | | Ν | Ν | | | |
| B09.011.060A | 1-PIB2-4 | 50 | 10/16/2006 | CLR | | Ν | Ν | | | |
| B09.011.062 | 1-PIA1-3 | 50 | 10/18/2006 | CLR | · | Ν | Ν | | | |
| B09.011.062A | 1-PIA1-3 | 50 | 10/16/2006 | CLR | | Ν | Ν | | | |
| B09.011.063 | 1-PIA1-5 | 50 | 10/18/2006 | CLR | | Ν | Ν | | | |
| B09.011.063A | 1-PIA1-5 | 50 | 10/17/2006 | CLR | | N | Ν | | | |
| B09.011.077 | 1RC-289-3V | 50 | 10/17/2006 | CLR | | Ν | Ν | | | |
| B09.011.077A | 1RC-289-3V | 50 | 10/16/2006 | CLR | | Ν | N | | | |
| B09.011.078 | 1-PIB2-3 | 50 | 10/17/2006 | CLR | | N | Ν | | | |
| B09.011.078A | 1-PIB2-3 | 50 | 10/16/2006 | CLR | | N | Ν | | | |
| B09.011.079 | 1-PIB2-5 | 50 | 10/17/2006 | CLR | | Ν | Ν | | | |
| B09.011.079A | 1-PIB2-5 | 50 | 10/16/2006 | CLR | | Ν | Ν | | | |
| B09.021.030 | 1-PSP-13 | 50 | 10/15/2006 | CLR | | Ν | Ν | | | |
| B09.021.033 | 1-PSP-5 | 50 | 10/15/2006 | CLR | | N | N | | | |
| B09.021.036 | 1-PSP-9 | 50 | 10/15/2006 | CLR | | Ν | Ν | | | |
| B09.021.044 | 1HP-279-24 | 51A | 10/11/2006 | CLR | | N | Ν | | | |
| B09.021.046 | 1RC-199-149 | 51A | 10/12/2006 | CLR | | Ν | Ν | | | |
| B09.021.047 | 1RC-199-150 | 51A | 10/12/2006 | CLR | | Ν | Ν | | | |
| B09.021.048 | 1RC-200-160 | 51A | 10/12/2006 | CLR | | Ν | Ν | | | |
| B09.021.050 | 1RC-200-166 | 51A | 10/12/2006 | CLR | | N | Ν | | | |
| B09.021.053 | 1RC-201-91 | 51A | 10/11/2006 | CLR | | Ν | Ν | | | |
| B09.021.055 | 1RC-201-96 | 51A | 10/11/2006 | CLR | | N | N | | | |
| B09.021.056 | 1RC-201-97 | 51A | 10/11/2006 | CLR | | Ν | . N | | | |
| B09.021.060 | 1-PSP-23 | 50 | 10/16/2006 | CLR | · | Ν | Ν | | | |
| B09.031.001 | 1-PHA-16 | 50 | 11/01/2006 | CLR | 97.20% | Ν | N | | | |
| B09.031.001A | 1-PHA-16 | 50 | 10/30/2006 | CLR | | Ν | Ν | | | |
| B09.032.002 | 1-PDA1-12 | 50 | 10/16/2006 | CLR | | N | N | | | |
| B09.032.007 | 1-PIA1-10 | 50 | 10/17/2006 | CLR | | - N | Ν | | | |
| B09.040.005 | 1-51A-07-93 | 51A | 10/20/2006 | CLR | | Ν | Ν | | | |
| B09.040.006 | 1-51A-07-99 | 51A | 10/20/2006 | CLR | | Ν | Ν | | | |
| B09.040.007 | 1-51A-134A-39 | 51A | 10/27/2006 | CLR | | Ν | Ν | | | |
| B09.040.009 | 1-51A-135-28 | 51A | 10/27/2006 | CLR | | Ν | Ν | | | |
| B10.010.013 | 1-LDCA-SUPPORTS | 51A | 10/27/2006 | CLR | | N | Ν | | | |
| B10.020.001 | 1-50-0-481A-H6 | 50 | 10/19/2006 | CLR | | Ν | Ν | | | |
| | | | | | | | | | | |

| 4 | • ••• | | | | | | | \Box |
|-----------------|------------------|--------|------------|-------------------------------|----------------|--------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | QUALITY ASSU | | Run D | | |
| EOC 23 | | | 10-5 | Service Inspect Oconee 1 I | nservice Inspe | Page 3 | | |
| Plant: Oconee 1 | | | | | terval 4 Outag | - | | 02/14/2007 |
| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | | | | RFR | COMMENTS |
| B10.020.017 | 1-53A-0-479A-H8B | 53A | 10/23/2006 | CLR | | - N | N | |
| B12.010.001 | 1RCP-1A1 | 50 | 10/20/2006 | CLR | | N | Ν | |
| B12.030.001 | 1-51A-HP-126 | 51A | 10/12/2006 | CLR | | Ν | Ν | |
| C01.010.003 | 1-LDFTRA-SH-FL | 51A | 11/14/2006 | CLR | | Ν | Ν | |
| C01.020.001 | 1-LDFTRA-HD-SH-1 | 51A | 11/14/2006 | CLR | | Ν | Ν | |
| C01.020.002 | 1-LDFTRA-HD-SH-2 | 51A | 11/14/2006 | CLR | | Ν | Ν | |
| C01.020.003 | 1-LST-HD-SH-1 | 51B | 11/02/2006 | CLR | | N | Ν | |
| C01.020.004 | 1-LST-HD-SH-2 | 51B | 11/02/2006 | CLR | 80.26% | Ν | Y | Relief Request will be filed for the limitation. |
| C02.021.002 | 1-SGA-W128 | 03 | 11/14/2006 | CLR | 85.66% | Ν | Y | Relief Request will be filed for the limitation. |
| C02.021.002A | 1-SGA-W128 | 03 | 11/14/2006 | CLR | | Ν | Ν | |
| C03.010.001 | 1-LD-FTR-A | 51A | 11/14/2006 | CLR | · • | Ν | Ν | |
| C03.010.002 | 1-LS-TANK | 51B | 11/06/2006 | REP | | N | Ν | Rejectable indications were found i n 3 of the 4 support legs. PIP O-06-7569 was written to Document Problems and corrective action. One additional weld was examined during 1EOC-23 to |
| C03.010.009 | 1-RCSR-COOLER-A | 51B | 11/15/2006 | CLR | | Ν | N | meet the requirements of IWC-2430(a). Work Order 01682337 was written to repair the attchment welds. This weld was examined to meet the requirements of |
| | | | | | | | | IWC-2430(a). This weld will not count in the percentages for outage 2. |
| C03.020.051 | 1-51-0-436H-SR15 | 51 | 11/06/2006 | CLR | | N | N | |
| C04.030.002 | 1-HPI-PUMP-B | 51A | 10/24/2006 | CLR | | N | N | |
| C05.011.004 | 1-53A-01-31LD | 53A | 08/02/2006 | CLR | 97.20% | N | N | |
| C05.011.004A | 1-53A-01-31LD | 53A | 07/31/2006 | CLR | | N . | N | |
| C05.011.021 | 1LP-210-57L | 53A | 11/01/2006 | CLR | | Y | N | Indication # 1 was determined to be a geometric reflector from the weld root. |
| C05.011.021A | 1LP-210-57L | 53A | 10/31/2006 | CLR | | Ν | Ν | |
| C05.011.022 | 1LP-210-59LA | 53A | 11/01/2006 | CLR | | Ν | Ņ | |
| C05.011.022A | 1LP-210-59LA | 53A | 10/31/2006 | CLR | | N | N | |
| C05.011.023 | 1-53A-02-60L | 53A | 11/01/2006 | CLR | | N | Ν | |
| C05.011.023A | 1-53A-02-60L | 53A | 10/31/2006 | CLR | | Ν | Ν | |
| C05.011.027 | 1-53A-01-22L | 53A | 11/09/2006 | CLR | | N | Ν | |
| C05.011.027A | 1-53A-01-22L | 53A | 11/09/2006 | CLR | | N | N | |
| C05.011.028 | 1-53A-01-23L | 53A | 11/09/2006 | CLR | | N | Ν | |
| C05.011.028A | 1-53A-01-23L | 53A | 11/09/2006 | CLR | | Ν | Ν | |
| C05.011.029 | 1-53A-01-24L | 53A | 11/09/2006 | CLR | | Ν | N | |
| C05.011.029A | 1-53A-01-24L | 53A | 11/09/2006 | CLR | | N | N | |
| C05.011.030 | 1-53A-01-25L | 53A | 11/09/2006 | CLR | | N | Ν | |

| | - | | | | | | | |
|-----------------|---------------|--------|------------|-----|----------------------------------|-------------------|-----------|----------------------------------------------------------------|
| * | *, * | | | | URANCE TECH | Run D | | |
| EOC 23 | | | In-S | | tion Database I | n Run D Page 4 | | |
| Plant: Oconee 1 | l | | | | Inservice Inspe | 02/14/2007 | | |
| ITEM NUMBER | ID NUMBER | OVOTEM | INSP DATE | | nterval 4 Outag S INSP LIMITE | | RFR | COMMENTS |
| C05.011.030A | 1-53A-01-25L | 53A | 11/09/2006 | CLR | | N N | <u></u> N | |
| C05.011.031 | 1-53A-01-28LA | 53A | 11/09/2006 | CLR | | N | N | |
| C05.011.031A | 1-53A-01-28LA | 53A | 11/09/2006 | CLR | | N | N | |
| C05.011.032 | 1-53A-01-28LB | 53A | 10/26/2006 | CLR | | N | N | |
| C05.011.032A | 1-53A-01-28LB | 53A | 10/25/2006 | CLR | | N | N | |
| C05.011.033 | 1-53A-01-29L | 53A | 10/26/2006 | CLR | 37.50% | N | Y | Relief Request will be filed for the limitation. |
| C05.011.033A | 1-53A-01-29L | 53A | 10/25/2006 | CLR | | N | Ň | Hener Hequest will be med for the infitation. |
| C05.011.034 | 1-53A-01-29LA | 53A | 10/26/2006 | CLR | | N | N | |
| C05.011.034A | 1-53A-01-29LA | 53A | 10/25/2006 | CLR | | N | N | |
| C05.011.035 | 1-53A-02-61L | 53A | 11/01/2006 | CLR | | N | N | |
| C05.011.035A | 1-53A-02-61L | 53A | 10/31/2006 | CLR | | N | N | |
| C05.011.036 | 1-53A-02-61LA | 53A | 10/29/2006 | CLR | | N | N | |
| C05.011.036A | 1-53A-02-61LA | 53A | 10/28/2006 | CLR | | N | N | |
| C05.011.037 | 1-53A-02-62L | 53A | 10/29/2006 | CLR | | N | N | |
| C05.011.037A | 1-53A-02-62L | 53A | 10/28/2006 | CLR | | N | N | |
| C05.011.038 | 1-53A-02-63LA | 53A | 10/26/2006 | CLR | | N | N | |
| C05.011.038A | 1-53A-02-63LA | 53A | 10/26/2006 | CLR | | Ν | N | |
| C05.011.039 | 1-53A-02-64L | 53A | 10/26/2006 | CLR | 62.50% | Ν | Y | Relief Request will be filed for the limitation. |
| C05.011.039A | 1-53A-02-64L | 53A | 10/26/2006 | CLR | | N | Ν | |
| C05.011.076 | 1LP-210-72 | 53A | 10/29/2006 | CLR | 37.50% | Y | Y | Relief Request will be filed for the limitation. |
| | | | | | | | | Indication # 1 was determined to be a geometric reflector from |
| | | | | | | | | the weld root I.D |
| C05.011.076A | 1LP-210-72 | 53A | 10/28/2006 | CLR | | N | Ν | |
| C05.011.077 | 1LP-210-73 | 53A | 10/29/2006 | CLR | 37.50% | Y | Y | Relief Request will be filed for the limitation. |
| | | | | | | | | Indication # 1 was determined to be a geometric reflector from |
| | | | | | | | | the weld root I.D |
| C05.011.077A | 1LP-210-73 | 53A | 10/28/2006 | CLR | | Ν | Ν | |
| C05.011.078 | 1LPS-746-2 | 14B | 08/01/2006 | CLR | 62.50% | Ν | Y | Relief Request will be filed for the limitation. |
| C05.011.078A | 1LPS-746-2 | 14B | 07/31/2006 | CLR | | Ν | Ν | |
| C05.011.079 | 1LPS-746-5 | 14B | 08/01/2006 | CLR | | N | Ν | · · · · |
| C05.011.079A | 1LPS-746-5 | 14B | 07/31/2006 | CLR | | N | N | |
| C05.011.085 | 1LPS-751-16 | 14B | 08/01/2006 | CLR | 62.50% | N | Y | Relief Request will be filed for the limitation. |
| C05.011.085A | 1LPS-751-16 | 14B | 07/31/2006 | CLR | | N | N | |
| C05.011.086 | 1LPS-751-15 | 14B | 08/01/2006 | CLR | 97.20% | Ν | N | |
| C05.011.086A | 1LPS-751-15 | 14B | 07/31/2006 | CLR | | Ν | N | |
| C05.021.005 | 1HP-192-8 | 51A | 08/01/2006 | CLR | | N | Ν | |

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C05.021.005A

1HP-192-8

51A

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DUKE ENERG

In-Service Inspection Database Management System

Oconee 1 Inservice Inspection Listing

Plant: Oconee 1

EOC 23

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> Run D Page 5 02/14/2007

| Plant: Oconee | 1 | | | Int | erval 4 Outag | e 2 | | 02/14/200 |
|---------------|------------------|--------|------------|-------------|---------------|---------|-----|------------------------------------------------------------------|
| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITED | GEO REF | RFR | COMMENTS |
| C05.021.019 | 1-51A-124-12 | 51A | 11/16/2006 | CLR | | N | N | |
| C05.021.019A | 1-51A-124-12 | 51A | 11/16/2006 | CLR | | Ν | Ν | |
| C05.021.025 | 1HP-178-15 | 51A | 08/01/2006 | CLR | | Ν | Ν | |
| C05.021.025A | 1HP-178-15 | 51A | 07/31/2006 | CLR | | Ν | Ν | |
| C05.021.031 | 1HP-200-20 | 51A | 11/05/2006 | CLR | | Ν | Ν | |
| C05.021.031A | 1HP-200-20 | 51A | 07/31/2006 | CLR | | Ν | Ν | |
| C05.021.039 | 1-51A-01-13A | 51A | 11/15/2006 | CLR | | Ν | Ν | |
| C05.021.039A | 1-51A-01-13A | 51A | 11/15/2006 | CLR | | Ν | Ν | |
| C05.021.046 | 1-51A-01-98A | 51A | 08/03/2006 | CLR | | Ν | Ν | |
| C05.021.046A | 1-51A-01-98A | 51A | 08/03/2006 | CLR | | Ν | Ν | |
| C05.021.052 | 1-51A-02-17B | 51A | 10/23/2006 | CLR | | Ν | Ν | |
| C05.021.052A | 1-51A-02-17B | 51A | 10/22/2006 | CLR | | Ν | Ν | |
| C05.021.075 | 1-51A-01-93A | 51A | 08/03/2006 | CLR | | Ν | Ν | · |
| C05.021.075A | 1-51A-01-93A | 51A | 08/03/2006 | CLR | | Ν | Ν | |
| C05.021.091 | 1-51A-02-51B | 51A | 10/24/2006 | CLR | | N | N | |
| C05.021.091A | 1-51A-02-51B | 51A | 10/22/2006 | CLR | | Ν | Ν | |
| C05.021.097 | 1HP-179-118 | 51A | 11/06/2006 | CLR | | Ν | Ν | |
| C05.021.097A | 1HP-179-118 | 51A | 11/06/2006 | CLR | | Ν | Ν | |
| C05.021.103 | 1-RCP-FTR1A-SH-1 | 51A | 10/24/2006 | CLŖ | | Ν | Ν | |
| C05.021.104 | 1-RCP-FTR1A-SH-2 | 51A | 10/24/2006 | CLR | | Ν | Ν | |
| C05.021.107 | 1-51A-01-100A | 51A | 08/03/2006 | CLR | | N | Ν | |
| C05.021.107A | 1-51A-01-100A | 51A | 08/03/2006 | CLR | | Ν | Ν | |
| C05.030.008 | 1HP-472-1 | 51B | 08/07/2006 | CLR | | Ν | Ν | |
| C05.030.009 | 1HP-472-2 | 51B | 08/07/2006 | CLR | | Ν | Ν | |
| C05.051.001 | 1MS-070-1B | 01A | 11/10/2006 | CLR | | Y | Ν | Indications # 1 & # 2 were determined to be geometric reflectors |
| | | | | | | | | due to the backing ring. |
| C05.051.001A | 1MS-070-1B | 01A | 11/10/2006 | CLR | | Ν | Ν | × |
| C05.051.013 | 1MS-069-35V | 01A | 10/19/2006 | CLR | | Ν | Ν | |
| C05.051.013A | 1MS-069-35V | 01A | 10/17/2006 | CLR | | Ν | Ν | |
| C05.051.018 | 1MS-064-16 | 01A | 11/01/2006 | CLR | · | Ν | Ν | |
| C05.051.018A | 1MS-064-16 | 01A | 10/29/2006 | CLR | | Ν | Ν | |
| C05.051.028 | 1-FWD83-A | 03 | 11/03/2006 | CLR | | Ν | Ν | |
| C05.051.028A | 1-FWD83-A | 03 | 11/03/2006 | CLR | | Ν | Ν | |
| C05.051.035 | 1FDW-250-30B | 03 | 10/31/2006 | CLR | | Ν | Ν | |
| C05.051.035A | 1FDW-250-30B | 03 | 10/31/2006 | CLR | | N | Ν | |
| C05.051.042 | 1LPSW-345-21 | 14B | 08/02/2006 | CLR | | N | Ν | |
| C05.051.042A | 1LPSW-345-21 | 14B | 08/01/2006 | CLR | | Ν | Ν | |
| , | | | | | | | | |

| 4 J. | North Contraction | | | DUKE EN QUALITY ASSUF Service Inspectio | RANCE TECH | | | n Run I | 2 |
|------|----------------------|--------|------------|-----------------------------------------------|---------------|---|-----|------------------------------------------------------------------------------------------------------------------------------------|----|
| nee | 1 | | 11-5 | Oconee 1 In | | | | Page | |
| | | | | | erval 4 Outag | • | | 02/14/200 | 7. |
| ER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITE | | RFR | COMMENTS | |
| | 1-LPSW-346-17 | 14B | 08/02/2006 | CLR | | N | N | | |
| Ą | 1-LPSW-346-17 | 14B | 07/31/2006 | CLR | | N | Ν | | |
| | 1-DHRC-A | 53B | 10/29/2006 | CLR | | N | ĨN | ι, | |
| | 1-JWHX-A | | 06/21/2006 | CLR | | N | Ν | | |
| | 1-LO-COOLER-A | | 06/21/2006 | CLR | | Ν | Ν | | |
| | 1-LPSW-STR-A | 14B | 06/14/2006 | CLR | | Ν | Ν | | |
| | 1-MCD-C | 13 | 09/26/2006 | CLR | · | N | Ν | | |
| | 1-UST-D0ME | 07A | 09/26/2006 | CLR | | N | Ν | | |
| | 1-UST-A | 07A | 06/14/2006 | CLR | | N | Ν | | |
| | 1-01A-4-2-0-400A-R11 | 01A | 06/07/2006 | CLR | · | N | Ν | | |
| | 1-03A-1-0-400B-SR86 | 03A | 06/07/2006 | CLR | | N | Ν | | |
| | 1-03A-1-0-439A-H72 | 03A | 11/09/2006 | CLR | | N | Ν | | |
| | 1-07A-400B-SR17 | 07A | 06/08/2006 | CLR | | N | Ν | | |
| | 1-13-0-345A-PS1-A | 13 | 11/07/2006 | REC | | Ν | Ν | The discrepancies that were found were reviewed by civil | |
| | | | | | | | | engineering and the support was found to be acceptable for service. Work Request # 910733 was written to correct problems | i. |
| | 1-CCWP-A | 13 | 11/07/2006 | REC | | Ν | Ν | The discrepancies that were found were reviewed by civil | |
| | | | | | | | | engineering and the support was found to be acceptable for | |
| | | | | | | | | service. | |
| | 1-51A-0-479A-H9B | 51A | 10/26/2006 | REC | | N | Ν | The discrepancies that were found were reviewed by civil | |
| | | | | | | | | engineering and the support was found to be acceptable for | |
| | | | | | | | | service. | |
| | 1-50-0-480A-H11 | 50 | 10/26/2006 | CLR | | N | Ν | | |
| | 1-50-0-481A-H6 | 50 | 11/27/2006 | CLR | | N | Ν | | |
| | 1-53A-0-479A-H8B | 53A | 10/26/2006 | REC | | N | Ν | The discrepancies that were found were reviewed by civil | |
| | | | | | | | | engineering and the support was found to be acceptable for | |
| | | | | | | | | service. | |
| | 1-51-0-436H-H57 | 51 | 10/29/2006 | REC | | Ν | Ν | The discrepancies that were found were reviewed by civil | |
| | | | | | | | | engineering and the support was found to be acceptable for | |
| | | | | | | | | service. | |
| | 1-51A-0-435C-H138 | 51A | 06/29/2006 | CLR | | N | N | | |
| | 1-51A-0-478A-H18C | 51A | 10/26/2006 | REC | | N | Ν | The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. | |
| | 1-51A-0-439C-H81 | 51A | 07/06/2006 | CLR | | N | Ν | · · | |
| | 1-51B-436H-DE010 | 51B | 10/29/2006 | CLR | | Ν | Ν | | |
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Plant: Ocone ITEM NUMBER

EOC 23

C05.051.046 C05.051.046A D01.010.003 D01.010.004 D01.010.005 D01.010.006 D01.010.007 D01.010.008 D01.010.009 D01.020.001 D01.020.026 D01.020.027 D01.020.041 D01.020.052

D01.030.010

F01.010.006

F01.012.001 F01.012.003 F01.012.010

F01.020.044

F01.020.062 F01.020.068

F01.020.069 F01.020.073

F01.020.081

1-53-438C-TWE-2879

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06/21/2006

REC

Ν The discrepancies that were found were reviewed by civil (

DUKE ENERG ORPORATION QUALITY ASSURANCE TECHNICAL SERVICES

In-Service Inspection Database Management System Oconee 1 Inservice Inspection Listing

EOC 23 Plant: Oconee 1

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| Plant: Oconee | 1 | | | Interval 4 Outage 2 | | | 02/14/2007 | |
|---------------|----------------------|--------|------------|---------------------|--------------|---------|------------|------------------------------------------------------------------------------------------------------------------------|
| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | | INSP LIMITED | | RFR | COMMENTS |
| | | 0.012 | | | | 0201121 | | engineering and the support was found to be acceptable for |
| | | | | | | | | service. |
| F01.020.091 | 1-53B-435B-DE026 | 53B | 06/29/2006 | CLR | | Ν | Ν | |
| F01.020.095 | 1-53B-2-0-436E-H10 | 53B | 06/29/2006 | CLR | | Ν | Ν | |
| F01.020.114 | 1-54A-3-0-436-H3 | 54A | 06/29/2006 | CLR | · | Ν | Ν | |
| F01.020.116 | 1-54A-0-444-R15 | 54A | 07/06/2006 | REC | | Ν | Ν | The discrepancies that were found were reviewed by civil |
| | | | | | | | | engineering and the support was found to be acceptable for |
| | | | | | | | | service. |
| F01.021.032 | 1-14-478E-H6016 | 14 | 10/26/2006 | CLR | | N | N | |
| F01.021.051 | 1-51-0-436H-SR3 | 51 | 10/29/2006 | CLR | | N | N | |
| F01.021.052 | 1-51-0-439C-SR45 | 51 | 07/13/2006 | REC | | Ν | Ν | The discrepancies that were found were reviewed by civil |
| | | | | | | | | engineering and the support was found to be acceptable for |
| F01.021.053 | 1-51-0-436H-SR15 | 51 | 10/29/2006 | CLR | | Ν | N | service. |
| F01.021.101 | 1-54A-3-0-439A-H19 | 54A | 07/06/2006 | REC | | N | N | The discrepancies that were found were reviewed by sivil |
| 101.021.101 | 1-044-0-0-4094-1119 | 54A | 07/00/2000 | neo | | IN | 14 | The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for |
| | | | | | | | | service. |
| F01.022.002 | 1-01A-0-401A-FAC-120 | 01A | 06/14/2006 | REC | | Ν | N | The discrepancies that were found were reviewed by civil |
| | | | | | | | | engineering and the support was found to be acceptable for |
| | | | | | | | | service. |
| F01.022.012 | 1-03-0-479A-H2A | 03 | 10/26/2006 | CLR | | Ν | Ν | |
| F01.022.063 | 1-51A-0-439C-H80 | 51A | 07/06/2006 | REC | | Ν | Ν | The discrepancies that were found were reviewed by civil |
| | | | | | | | | engineering and the support was found to be acceptable for |
| | | | | | | | | service. |
| F01.030.016 | 1-02A-4-403A-TR7 | 02A | 06/07/2006 | CLR | | N | N | |
| F01.030.031 | 1-03A-401A-DE015 | 03A | 06/14/2006 | CLR | | N | N | |
| F01.030.036 | 1-03A-1-0-439B-H19 | 03A | 07/06/2006 | REC | | N | Ν | The discrepancies that were found were reviewed by civil |
| | | | | | | | | engineering and the support was found to be acceptable for |
| F01.030.038 | 1-03A-1-0-400B-H62 | 03A | 06/14/2006 | REC | | N | N | service. |
| 101.030.038 | 1-03A-1-0-400B-1102 | 034 | 00/14/2000 | ne0 | | IN | IN | The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for |
| | | | | | | | | service. Work Order 98380075 was written to correct problems. |
| F01.030.039 | 1-03A-1-0-439B-H80 | 03A | 07/13/2006 | CLR | | N | N | |
| F01.030.065 | 1-07A-400B-SR17 | 07A | 06/08/2006 | REC | | N | Ν | The discrepancies that were found were reviewed by civil |
| | | | | | | | | engineering and the support was found to be acceptable for |
| | | | | | | | | service. |
| F01.030.075 | 1-13-0-345A-PS1-A | 13 | 11/07/2006 | REC | | Ν | N | The discrepancies that were found were reviewed by civil |
| | | | | | | | | engineering and the support was found to be acceptable for |
| | | | | | | | | |

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EOC 23

F01.040.033

1-50-0-66A-RCPM-S1

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QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System Oconee 1 Inservice Inspection Listing

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| Plant: Oconee | 1                    |        |            |             | Inservice Inspec | -       | J   | Page 8                                                                                                                                                                                         |
|---------------|----------------------|--------|------------|-------------|------------------|---------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | •                    |        |            |             | terval 4 Outage  |         |     | 02/14/2007                                                                                                                                                                                     |
| ITEM NUMBER   | ID NUMBER            | SYSTEM | INSP DATE  | INSP STATUS | S INSP LIMITED   | GEO REF | RFR | COMMENTS                                                                                                                                                                                       |
|               |                      |        |            |             |                  |         |     | service. Work Request # 910733 was written to correct problems.                                                                                                                                |
| F01.031.021   | 1-03A-1-0-439B-H82   | 03A    | 06/27/2006 | CLR         |                  | N       | N   |                                                                                                                                                                                                |
| F01.031.023   | 1-03A-1-0-439C-H102  | 03A    | 06/08/2006 | REC         |                  | Ν       | Ν   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service.                                                             |
| F01.031.024   | 1-03A-1-0-400B-SR86  | 03A    | 06/07/2006 | REC         |                  | Ν       | N   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service.                                                             |
| F01.032.002   | 1-01A-4-2-0-400A-R11 | 01A    | 06/07/2006 | CLR         |                  | Ν       | Ν   |                                                                                                                                                                                                |
| F01.032.022   | 1-03A-1-0-439A-H72   | 03A    | 11/09/2006 | REC         |                  | N       | N . | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service. Work Request # 00910511 was written to correct<br>problems. |
| F01.032.082   | 1-14B-0-436F-H25     | 14B    | 06/27/2006 | REC         |                  | N       | N   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service.                                                             |
| F01.040.004   | 1-LDCA-SUPPORT       | 51A    | 10/27/2006 | CLR         |                  | N       | Ν   |                                                                                                                                                                                                |
| F01.040.005   | 1-RB-CC-A            | 53A    | 11/05/2006 | REC         |                  | Ν       | Ń   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service.                                                             |
| F01.040.008   | 1-DIESEL ENG -A      |        | 09/14/2006 | CLR         |                  | N       | Ν   |                                                                                                                                                                                                |
| F01.040.009   | 1-UST-A              | 07A    | 06/14/2006 | CLR         |                  | Ν       | Ν   |                                                                                                                                                                                                |
| F01.040.013   | 1-LPI-PU-A           | 53A    | 06/29/2006 | CLR         | ·                | Ν       | Ν   |                                                                                                                                                                                                |
| F01.040.015   | 1-LPSW-STR-A         | 14B    | 06/14/2006 | REC         |                  | Ν       | Ν   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service.                                                             |
| F01.040.016   | 1-MCD-C              | 13     | 09/26/2006 | CLR         |                  | Ν       | Ν   |                                                                                                                                                                                                |
| F01.040.021   | 1-JWHX-A             |        | 06/21/2006 | REC         |                  | Ν       | Ν   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service.                                                             |
| F01.040.022   | 1-RCSR-COOLER-A      | 51B    | 06/29/2006 | REC         |                  | Ν       | Ν   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service. Work Order 00905296 was written to correct problems.        |
| F01.040.024   | 1-LS-TANK            | 51B    | 10/29/2006 | CLR         |                  | N       | Ν   |                                                                                                                                                                                                |
| F01.040.032   | 1-LD-FTR-A           | 51A    | 11/14/2006 | REC         |                  | Ν       | Ν   | The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.                                                                   |
| 501 010 000   | 1 50 0 004 00014 04  | 50     | 11/01/0000 |             |                  | · • •   |     |                                                                                                                                                                                                |

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### DUKE ENERG DRPORATION QUALITY ASSURANCE TECHNICAL SERVICES

In-Service Inspection Database Management System Oconee 1 Inservice Inspection Listing

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#### EOC 23 Plant: Oconee 1

| Plant: Oconee | 1               |        |            |     | terval 4 Outage | 5   |     | 02/14/2007                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------|-----------------|--------|------------|-----|-----------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ITEM NUMBER   | ID NUMBER       | SYSTEM | INSP DATE  |     | INSP LIMITED    |     | RFR | COMMENTS                                                                                                                                                                                                                                                                                                                                                                                       |
| F01.040.037   | 1-50-RCPM-H6598 | 50     | 10/26/2006 | REC |                 | N . | N   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service. Work Request # 00908892 was written to correct<br>problems.                                                                                                                                                                                                 |
| F01.040.038   | 1-LO-COOLER-A   |        | 06/21/2006 | CLR |                 | N   | N   |                                                                                                                                                                                                                                                                                                                                                                                                |
| F01.040.039   | 1-UST-D0ME      | 07A    | 09/26/2006 | REC |                 | Ν   | Ν   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service. NSM-ON-13098 has been implemented during 1EOC-23<br>to correct problems.                                                                                                                                                                                    |
| F01.040.040   | 1-CCWP-A        | 13     | 11/07/2006 | REC |                 | Ν   | Ν   | The discrepancies that were found were reviewed by civil<br>engineering and the support was found to be acceptable for<br>service.                                                                                                                                                                                                                                                             |
| G01.001.001   | 1-RCP-1A1       | 50     | 10/13/2006 | CLR |                 | N   | Ν   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G01.001.002   | 1-RCP-1A2       | 50     | 10/18/2006 | CLR |                 | Ν   | N   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G01.001.003   | 1-RCP-1B1       | 50     | 10/18/2006 | CLR |                 | N   | Ν   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G01.001.004   | 1-RCP-1B2       | 50     | 07/07/2006 | CLR |                 | Ν   | N   | Bob Kellerhall from AREVA performed the UT on the Flywheel.<br>Jim McArdle reviewed and approved the inspection data and UT<br>procedure 54-ISI-117-23. UT procedure 54-ISI-117-23 was used<br>in lieu of NDE-900.                                                                                                                                                                             |
| G01.001.004A  | 1-RCP-1B2       | 50     | 07/10/2006 | CLR |                 | Ν   | Ν   | Bob Kellerhall from AREVA performed MT on the flywheel on<br>7-7-2006. Joel Oliver from AREVA performed PT exams on the<br>Flywheel on 7-7-2006 and on 7-10-2006. Jim McArdle reviewed<br>and appoved the MT & PT inspection data on 11-16-2006. Tim<br>Tucker reviewed and approved Inspection procedures<br>54-ISI-271-01, 54-ISI-243-03 and 54-PT-6-9 which were used in<br>lieu of NDE-25. |
| G02.001.005A  | 1-PDA1-46       | 51A    | 10/13/2006 | CLR |                 | Ν   | N   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G02.001.005B  | 1-PDA2-46       | 51A    | 10/17/2006 | CLR |                 | Ν   | Ν   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G02.001.005C  | 1-PDB1-46       | 51A    | 10/17/2006 | CLR |                 | Ν   | Ν   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G02.001.005D  | 1-PDB2-46       | 51A    | 10/17/2006 | CLR |                 | Ν   | Ν   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G02.001.006A  | 1-PDA1-11       | 51A    | 10/11/2006 | CLR |                 | Y   | Ν   | Indication # 1 was determined to be a geometric reflector due to the counterbore.                                                                                                                                                                                                                                                                                                              |
| G02.001.006B  | 1-PDA2-11       | 51A    | 10/11/2006 | CLR |                 | Y   | Ν   | Indication # 1 was determined to be a geometric reflector due to the counterbore.                                                                                                                                                                                                                                                                                                              |
| G02.001.006C  | 1-PDB1-11       | 51A    | 10/10/2006 | CLR |                 | N   | N   | · · ·                                                                                                                                                                                                                                                                                                                                                                                          |
| G02.001.006D  | 1-PDB2-11       | 51A    | 10/10/2006 | CLR |                 | Ν   | Ν   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G02.001.007A  | 1-PDA1-47       | 51A    | 10/11/2006 | CLR |                 | Ν   | Ν   |                                                                                                                                                                                                                                                                                                                                                                                                |
| G02.001.007B  | 1-PDA2-47       | 51A    | 10/11/2006 | CLR |                 | Ν   | Ν   |                                                                                                                                                                                                                                                                                                                                                                                                |

#### DUKE ENERG DRPORATION QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System

### Oconee 1 Inservice Inspection Listing

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#### Plant: Oconee 1

EOC 23

| Plant: Oconee 1 |                  |        |            | In          | terval 4 Outage | 2       |     | 02/14/2007                                                                                 |
|-----------------|------------------|--------|------------|-------------|-----------------|---------|-----|--------------------------------------------------------------------------------------------|
| ITEM NUMBER     | ID NUMBER        | SYSTEM | INSP DATE  | INSP STATUS | INSP LIMITED    | GEO REF | RFR | COMMENTS                                                                                   |
| G02.001.007C    | 1-PDB1-47        | 51A    | 10/10/2006 | CLR         |                 | Y       | N   | Indication # 1 was determined to be a geometric reflector due to                           |
|                 |                  |        |            |             |                 |         |     | the counterbore.                                                                           |
| G02.001.007D    | 1-PDB2-47        | 51A    | 10/10/2006 | CLR         |                 | Y       | Ν   | Indication # 1 was determined to be a geometric reflector due to                           |
|                 |                  |        | -          |             |                 |         |     | the counterbore.                                                                           |
| G02.001.008A    | 1RC-199-154      | 51A    | 10/12/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G02.001.008B    | 1RC-200-161      | 51A    | 10/12/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G02.001.008C    | 1RC-201-101      | 51A    | 10/11/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G02.001.008D    | 1RC-201-105      | 51A    | 10/11/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G02.001.010A    | 1RC-199-149      | 51A    | 10/12/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G02.001.010B    | 1RC-200-160      | 51A    | 10/12/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G02.001.010C    | 1RC-201-97       | 51A    | 10/11/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G02.001.010D    | 1RC-201-92       | 51A    | 10/11/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G02.001.011A    | 1A1-THERM SLEEVE | 51A    | 10/20/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G02.001.011B    | 1A2-THERM SLEEVE | 51A    | 10/19/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G02.001.011C    | 1B1-THERM SLEEVE | 51A    | 10/22/2006 | REC         |                 | N       | N   | There was a change in the gap from the previous exam. This is documented in PIP O-06-06983 |
| G02.001.011D    | 1B2-THERM SLEEVE | 51A    | 10/22/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G04.001.001     | 1RC-201-105      | 51A    | 10/11/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G04.001.002     | 1RC-201-92       | 51A    | 10/11/2006 | CLR         |                 | N       | N   |                                                                                            |
| G04.001.003     | 1RC-201-101      | 51A    | 10/11/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G04.001.004     | 1RC-201-97       | 51A    | 10/11/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G04.001.013     | 1RC-201-91       | 51A    | 10/11/2006 | CLR         |                 | Ν       | Ν   | RT was performed by J.S. Clerc II on 10-22-2006 and was acceptable.                        |
| G04.001.014     | 1RC-201-96       | 51A    | 10/11/2006 | CLR         | <b></b>         | Ν       | Ν   | RT was performed by J.K. Todd on 10-21-2006 and was acceptable.                            |
| G04.001.020     | 1RC-200-166      | 51A    | 10/12/2006 | CLR         |                 | Ν       | Ν   | RT was performed by B.D. Bost on 10-20-2006 and was acceptable.                            |
| G04.001.024     | 1RC-199-150      | 51A    | 10/12/2006 | CLR         |                 | Ν       | Ν   | RT was performed by R.L. Gant on 10-19-2006 and was acceptable.                            |
| G04.001.028     | 1RC-199-149      | 51A    | 10/12/2006 | CLR         |                 | Ν       | N   |                                                                                            |
| G04.001.029     | 1RC-199-154      | 51A    | 10/12/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G04.001.030     | 1RC-200-160      | 51A    | 10/12/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G04.001.031     | 1RC-200-161      | 51A    | 10/12/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
| G12.001.005     | 1-PDB1-11        | 51A    | 10/10/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G12.001.006     | 1-PDB2-11        | 51A    | 10/10/2006 | CLR         |                 | N       | Ν   |                                                                                            |
| G12.001.007     | 1-PDA1-11        | 51A    | 10/11/2006 | CLR         |                 | N       | N   |                                                                                            |
| G12.001.008     | 1-PDA2-11        | 51A    | 10/11/2006 | CLR         |                 | Ν       | Ν   |                                                                                            |
|                 |                  |        |            |             |                 |         |     |                                                                                            |

EOC 23

#### DUKE ENERG ORPORATION QUALITY ASSURANCE TECHNICAL SERVICES

### In-Service Inspection Database Management System

Oconee 1 Inservice Inspection Listing

#### Plant: Oconee 1

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| Plant: Oconee | 1            |        |            | Ir               | nterval 4 Outage | 2       |     |          | 02/14/: |
|---------------|--------------|--------|------------|------------------|------------------|---------|-----|----------|---------|
| ITEM NUMBER   | ID NUMBER    | SYSTEM | INSP DATE  | INSP STATUS      | S INSP LIMITED   | GEO REF | RFR | COMMENTS |         |
| G13.001.001   | 1-PZR-WP45   | 50     | 10/11/2006 | CLR              |                  | Ν       | N   |          |         |
| G13.001.002   | 1-PSP-1      | 50     | 10/11/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.003   | 1-PZR-WP23   | 50     | 10/09/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.004   | 1-PZR-WP91-1 | 50     | 10/11/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.005   | 1-PZR-WP91-2 | 50     | 10/11/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.006   | 1-PZR-WP91-3 | 50     | 10/11/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.007   | 1-PHB-17     | 50     | 10/11/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.008   | 1LP-140-1A   | 53A    | 10/11/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.009   | 1-PHA-17     | 50     | 10/09/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.010   | 1-PSL-10     | 50     | 10/09/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.011   | 1-PZR-WP63-1 | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.012   | 1-50-6-7     | 50     | 10/10/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.013   | 1-PZR-WP63-2 | 50     | 10/10/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.014   | 1-50-6-11A   | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.015   | 1-PZR-WP63-3 | 50     | 10/10/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.016   | 1-50-6-9A    | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.017   | 1-PZR-WP63-4 | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.018   | 1-50-6-1A    | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.019   | 1-PZR-WP63-5 | 50     | 10/10/2006 | CLR              |                  | Ν       | N   |          |         |
| G13.001.020   | 1-50-6-5A    | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.021   | 1-PZR-WP63-6 | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   | · · ·    |         |
| G13.001.022   | 1-50-6-3A    | 50     | 10/10/2006 | CLR              |                  | Ν       | N   |          |         |
| G13.001.023   | 1-PZR-WP63-7 | 50     | 10/10/2006 | CLR              |                  | N       | N   |          |         |
| G13.001.024   | 1-50-6-16    | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.025   | 1-50-5-1     | 50     | 10/11/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.026   | 1RC-269-125V | 50     | 10/10/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.027   | 1-50-4-125   | 50     | 10/10/2006 | CLR              |                  | Ν       | N   |          |         |
| G13.001.028   | 1-50-4-143   | 50     | 10/11/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.029   | 1-50-4-131   | 50     | 10/09/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.030   | 1-50-4-135   | 50     | 10/09/2006 | CLR              |                  | Ν       | N   |          |         |
| G13.001.031   | 1-50-4-150   | 50     | 10/09/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.001.032   | 1RC-273-143V | 50     | 10/11/2006 | CLR              |                  | N       | Ν   |          |         |
| G13.001.033   | 1-50-4-44A   | 50     | 10/09/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.002.001   | 1-RPV-WR53   | 50     | 11/22/2006 | CLR              |                  | Ν       | N   |          |         |
| G13.002.002   | 1-RPV-WR53A  | 50     | 11/22/2006 | <sup>г</sup> сlr |                  | N       | Ν   |          |         |
| G13.002.003   | 1-PIB1-11    | 50     | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
| G13.002.004   | 1-51A-07-7E  | 51A    | 10/10/2006 | CLR              |                  | Ν       | Ν   |          |         |
|               |              |        | _          |                  |                  |         |     |          |         |

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### QUALITY ASSURANCE TECHNICAL SERVICES

#### EOC Plant:

G14.001.014

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G14.001.016

G14.001.017

G14.001.018

G14.001.019

1-PZR-WP63-3

1-PZR-WP63-4

1-PZR-WP63-5

1-50-6-9A

1-50-6-1A

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| EOC 23        |                   |        | In-S       | Service Inspecti<br>Oconee 1 In | on Database Ma<br>service Inspec |         |     | n        |      | P    |
|---------------|-------------------|--------|------------|---------------------------------|----------------------------------|---------|-----|----------|------|------|
| Plant: Oconee |                   |        |            | Int                             | erval 4 Outage                   | 2       |     |          |      | 02/1 |
| ITEM NUMBER   | ID NUMBER         | SYSTEM | INSP DATE  | INSP STATUS                     | INSP LIMITED                     | GEO REF | RFR | COMMENTS | <br> |      |
| G13.002.005   | 1-PIA1-7          | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.006   | 1-PIA2-7          | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.007   | 1-PIB1-7          | 50     | 10/09/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G13.002.008   | 1-PIB2-7          | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.009   | 1-PDA1-2          | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.010   | 1-PDA2-2          | 50     | 10/09/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G13.002.011   | 1-PDB1-2          | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.012   | 1-PDB2-2          | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.017   | 1-50-4-115        | 50     | 10/09/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G13.002.018   | 1-50-4-111        | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.019   | 1-PIA1-11         | 50.    | 10/10/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G13.002.020   | 1-50-01-34        | 50     | 10/10/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.021   | 1-PIA2-11         | 50     | 10/10/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.022   | 1-50-01-21        | 50     | 10/10/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G13.002.023   | 1-PIB2-11         | 50     | 10/10/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G13.002.024   | 1-50-4-5          | 50     | 10/09/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G13.002.025   | 1-50-4-173        | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   | 12       |      |      |
| G13.002.026   | 1RC-261-266       | 50     | 10/10/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.001   | 1-PZR-THERM       | 50     | 10/10/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.002   | 1-PZR-HTR PLATES  | 50 ·   | 10/10/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G14.001.003   | 1-PZR-HTR SLEEVES | 50     | 10/10/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.004   | 1-PZR-WP45        | 50     | 10/11/2006 | CLR                             |                                  | Ν       | Ν   |          | •    |      |
| G14.001.005   | 1-PSP-1           | 50     | 10/11/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.006   | 1-PZR-WP23        | 50     | 10/09/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.007   | 1-PZR-WP91-1      | 50     | 10/11/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G14.001.008   | 1-PZR-WP91-2      | 50     | 10/11/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.009   | 1-PZR-WP91-3      | 50     | 10/11/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.010   | 1-PZR-WP63-1      | 50     | 10/10/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.011   | 1-50-6-7          | 50     | 10/10/2006 | CLR                             |                                  | N       | Ν   |          |      |      |
| G14.001.012   | 1-PZR-WP63-2      | 50     | 10/10/2006 | CLR                             |                                  | Ν       | Ν   |          |      |      |
| G14.001.013   | 1-50-6-11A        | 50     | 10/10/2006 | CLR                             |                                  | Ν       | N   |          |      |      |

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| EOC 23          |                 |        | in-S       |              | tion Database Mi<br>Inservice Inspec |           |     | Page 13                                                                                                                                                                                                       |
| Plant: Oconee 1 |                 |        |            |              | nterval 4 Outage                     | -         |     | 02/14/2007                                                                                                                                                                                                    |
| ITEM NUMBER     | ID NUMBER       | SYSTEM | INSP DATE  |              | S INSP LIMITED                       |           | RFR | COMMENTS                                                                                                                                                                                                      |
| G14.001.020     | 1-PZR-WP63-6    | 50     | 10/10/2006 | CLR          |                                      | N         | N   |                                                                                                                                                                                                               |
| G14.001.021     | 1-50-6-3A       | 50     | 10/10/2006 | CLR          |                                      | N         | Ν   |                                                                                                                                                                                                               |
| G14.001.022     | 1-PZR-WP63-7    | 50     | 10/10/2006 | CLR          |                                      | N         | Ν   |                                                                                                                                                                                                               |
| G14.001.023     | 1-50-6-16       | 50     | 10/09/2006 | CLR          |                                      | Ν         | Ν   |                                                                                                                                                                                                               |
| G14.001.024     | 1-50-5-1        | 50     | 10/11/2006 | CLR          |                                      | Ν         | Ν   |                                                                                                                                                                                                               |
| H02.001.007     | 1-PIA1-12       | 50     | 10/17/2006 | CLR          | <b>.</b>                             | Ν         | Ν   |                                                                                                                                                                                                               |
| H03.001.003     | 1-03-3-25C      | 03     | 10/27/2006 | CLR          |                                      | N         | Ν   |                                                                                                                                                                                                               |
| H03.001.004     | 1-03-3-25D      | 03     | 10/27/2006 | CLR          |                                      | N         | Ν   |                                                                                                                                                                                                               |
| H03.001.005     | 1-FWD64-A       | 03     | 10/27/2006 | CLR          |                                      | N         | Ν   |                                                                                                                                                                                                               |
| H03.001.006     | 1-03-3-26C      | 03     | 10/29/2006 | CLR          | *                                    | Ν         | Ν   |                                                                                                                                                                                                               |
| H04.001.001     | 1-03-0-439B-H62 | 03     | 07/06/2006 | REC          |                                      | Ν         | Ν   | The discrepancies that were found were reviewed by civil                                                                                                                                                      |
|                 |                 |        |            |              |                                      |           |     | engineering and the support was found to be acceptable for service.                                                                                                                                           |
| H04.001.002     | 1-03-0-439B-H54 | 03     | 07/06/2006 | REC          |                                      | Ν         | Ν   | The discrepancies that were found were reviewed by civil                                                                                                                                                      |
|                 |                 |        |            |              |                                      | ×         |     | engineering and the support was found to be acceptable for<br>service.Work Request # 98379746 was written to correct<br>problems. PIP O-06-04350 was written to document problems<br>found with this support. |
| H04.001.003     | 1-03-0-439B-H53 | 03     | 07/06/2006 | CLR          |                                      | Ν         | N   |                                                                                                                                                                                                               |
| H04.001.004     | 1-03-0-439B-H52 | 03     | 07/06/2006 | REC          |                                      | Ν         | Ν   | The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.                                                                                  |
| H04.001.005     | 1-03-0-551-H51  | 03     | 11/02/2006 | REC          |                                      | N         | N   | The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.                                                                                  |
| H04.001.005A    | 1-03-0-551-H51  | 03     | 11/03/2006 | CLR          | <b></b>                              | Ν         | N   |                                                                                                                                                                                                               |
| H04.001.006     | 1-03-0-551-R8   | 03     | 10/12/2006 | CLR          |                                      | Ν         | Ν   |                                                                                                                                                                                                               |
| H04.001.006A    | 1-03-0-551-R8   | 03     | 11/03/2006 | CLR          |                                      | N         | N   |                                                                                                                                                                                                               |
| H04.001.007     | 1-03-0-551-H50  | 03     | 11/02/2006 | REC          |                                      | N         | N   | The discrepancies that were found were reviewed by civil                                                                                                                                                      |
|                 |                 |        |            |              |                                      |           |     | engineering and the support was found to be acceptable for service. Work Request # 910753 was written to correct problems.                                                                                    |
| H04.001.022     | 1-01A-0-550-H4  | 01A    | 11/04/2006 | REC          | <br>,                                | Ν         | Ν   | The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for                                                                                           |
| H04.001.045     | 1-03-0-551-H65  | 03     | 10/29/2006 | CLR          |                                      | Ν         | N   | service. Work Request # 909778 was written to correct problems.                                                                                                                                               |

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TAB 5

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#### 5.0 Owner's Report for Repair and Replacement Activities

As required by the applicable code, records of Class 1 and Class 2 Repair and Replacement work is included on NIS-2 forms in this section.

Due to station processing and approval time frames, three categories of repair and replacement documentation exist for: 1) work performed during a prior refueling cycle; 2) work performed during the current refueling cycle; and 3) work completed but documentation not yet reviewed and approved.

There were not any work orders for Category 1 repair and replacement documentation for this reporting period.

Category 2 had 43 NIS-2 forms for work orders completed during this reporting period. Copies of the NIS-2 forms are included in this section of the report.

Category 3 items will be submitted in a future report. PIP # O-07-01152 was written to document the work orders that are category 3 items.

The individual work request documents and manufacturers' data reports are on file at Oconee Nuclear Station.

#### 5.1 Class 1 and 2 Preservice Examinations

There are not any ISI Class 1 and ISI Class 2 items that required preservice examinations to list during this report period.

EOC 23 Refueling Outage Report Oconee Unit 1 Section 5 Page 1 of 1 Revision 0 February 14, 2007

|        |                                                          |                                       |                                       |                                      | Work Order Numb         | ber           | · · · · · · · · · · · · · · · · · · ·  | Sheet                              |  |  |  |  |
|--------|----------------------------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|-------------------------|---------------|----------------------------------------|------------------------------------|--|--|--|--|
| $\sim$ | ,<br>,                                                   |                                       |                                       |                                      | 01                      | 656671-0      | 1                                      | 1 of 2                             |  |  |  |  |
|        | 1. Owner                                                 |                                       |                                       | 2. Plant                             |                         |               |                                        | Unit                               |  |  |  |  |
|        |                                                          | er Company<br>Church Street           |                                       |                                      | onee Nuclear Sta        |               |                                        | ONS - 1                            |  |  |  |  |
|        |                                                          | NC 28201-1006                         |                                       |                                      | 00 Rochester Hw         | /y            |                                        | Date                               |  |  |  |  |
|        | Charlotte,                                               | NC 28201-1000                         |                                       | 56                                   | neca, SC 29672          |               |                                        | 11/8/2006                          |  |  |  |  |
|        | 3. Work Performed                                        | •                                     |                                       | · ·                                  | Type Code Symbo         |               | pplicable                              |                                    |  |  |  |  |
|        |                                                          | ver Company                           |                                       |                                      | Authorization Nur       |               |                                        |                                    |  |  |  |  |
|        |                                                          | Church Street                         |                                       |                                      |                         | Not A         | pplicable                              |                                    |  |  |  |  |
|        | Charlotte,                                               | NC 28201-1006                         |                                       | Expiration Date<br>Not Applicable    |                         |               |                                        |                                    |  |  |  |  |
|        | 4. Identification of                                     |                                       |                                       | ssure Injection System, ASME Class 1 |                         |               |                                        |                                    |  |  |  |  |
|        | 5.                                                       |                                       |                                       |                                      | - <u> </u>              |               |                                        |                                    |  |  |  |  |
|        | a.<br>(a) Applicable<br>Construction Code:               | ASME                                  | Section III                           | <sup>19</sup> 80                     | Edition, sig            | Addend        | la, No                                 | Code Case                          |  |  |  |  |
| ĺ      | (b) Applicable Edition                                   | on Section XI Utilized                | For R/R Activity                      | 19 98                                | Edition, 200            | 0 Addend      | a.                                     | -                                  |  |  |  |  |
|        | (c) Applicable Secti                                     |                                       | None                                  |                                      |                         |               |                                        |                                    |  |  |  |  |
| :      | 6. Identification of                                     | Components                            |                                       |                                      |                         |               |                                        |                                    |  |  |  |  |
|        | Name of<br>Component                                     | Name of<br>Manufacturer               | Manufacturer<br>Serial Number         | National<br>Board No.                | Other<br>Identification | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME Code<br>Stamped (Yes<br>/ No) |  |  |  |  |
| $\sim$ |                                                          |                                       |                                       |                                      |                         |               |                                        |                                    |  |  |  |  |
| -      | 1HP-327                                                  | Velan                                 | 011032-1                              | None                                 | None                    | 2001          | Installed                              | YES                                |  |  |  |  |
|        |                                                          |                                       |                                       |                                      |                         |               |                                        |                                    |  |  |  |  |
|        |                                                          |                                       |                                       |                                      |                         |               |                                        |                                    |  |  |  |  |
|        | ······                                                   |                                       | · · · · · · · · · · · · · · · · · · · |                                      |                         |               |                                        |                                    |  |  |  |  |
|        |                                                          |                                       | *<br>                                 |                                      |                         |               |                                        |                                    |  |  |  |  |
|        |                                                          |                                       |                                       |                                      |                         |               | ]                                      | l                                  |  |  |  |  |
|        | 7. Description of N<br>Replace the old va<br>is 1042594. |                                       | a direct replacer                     | nent valve. Th                       | e Catalog ID for        | the new va    | lve is 414056, 1                       | UTC number                         |  |  |  |  |
|        |                                                          |                                       |                                       |                                      |                         |               | -                                      |                                    |  |  |  |  |
|        | 8. Test Conducte                                         | atic 🗌 Pneumatic                      | e Dominal O<br>PSI                    | perating Pressur<br>Test Temp        | ·                       | ⊠ <u>F</u>    | /V Leak Check                          |                                    |  |  |  |  |
|        |                                                          | · · · · · · · · · · · · · · · · · · · |                                       | •                                    |                         |               |                                        |                                    |  |  |  |  |
|        |                                                          |                                       |                                       |                                      |                         |               |                                        |                                    |  |  |  |  |

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#### Form NIS-2 Owner's Report for Repair/Replacement Activity

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| s required by the provisions of the ASME Code Section XI                                |                                        |                                       |
|-----------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------|
|                                                                                         | Work Order Number                      | Sheet                                 |
|                                                                                         | 1656671-01                             | 2 of 2                                |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                      |                                        |                                       |
|                                                                                         |                                        |                                       |
| Velan Valve 1HP-327 replaced with Catalog ID 414056,UTC 1042594,                        | ASME Section III Class 1 direct rep    | lacement.                             |
|                                                                                         |                                        |                                       |
|                                                                                         |                                        |                                       |
|                                                                                         |                                        | , <u>-</u>                            |
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|                                                                                         |                                        |                                       |
| · · · · · · · · · · · · · · · · · · ·                                                   |                                        |                                       |
| CERTIFICATE OF CO                                                                       | MPLIANCE                               |                                       |
| I certify that the statements made in the report are correct and ASME Code, Section XI. | d that this conforms to the require    | ments of the                          |
| Type Code Symbol Stamp                                                                  | Not Applicable                         | · · · · · · · · · · · · · · · · · · · |
| Certificate of Authorization Number Not Applicable                                      | Expiration Date No                     | ot Applicable                         |
| Signed John The S.R. Tech. Spec.<br>Owner or Owner's Designee, Title                    | Date 11/30/06                          |                                       |
|                                                                                         |                                        |                                       |
|                                                                                         |                                        |                                       |
| I, the undersigned, holding a valid commission issued by the                            | National Board of Boiler and Pres      | sure Vessel                           |
| Inspectors and the State or Province of North CAROLINA                                  | and employed by                        | HSB CT                                |

have inspected the components described of Hartford, Connecticut in this Owner's Report during the period 8-7-06 to 11-30-06 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,

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

all Inspector's Signature

Date 11-30-06

Commissions NC1444NIABC

National Board, State, Province, and Endorsements

|            |                                         |                                                                |                                         |                                | Work Order N                               | umber         | Sheet                                  |                                       |
|------------|-----------------------------------------|----------------------------------------------------------------|-----------------------------------------|--------------------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|
| ŧ.         |                                         | <u></u>                                                        |                                         |                                | 1659                                       | 9471-23       | - 1                                    | of 2                                  |
|            | 1. Owner                                | ······                                                         | 2. PI                                   | ant                            |                                            |               | Unit                                   |                                       |
|            | Duke Pov                                | ver Company                                                    |                                         | Oconee Nu                      | clear Station                              |               | 0                                      | NS - 1                                |
|            |                                         | h Church Street                                                |                                         | 7800 Roch                      | ester Hwy                                  |               | Date                                   |                                       |
|            | Charlotte,                              | , NC 28201-1006                                                |                                         | Seneca, SC                     | 29672                                      |               |                                        | 5/2006                                |
|            | 3. Work Performe                        | -                                                              |                                         |                                | Type Code Sy                               |               | pplicable                              |                                       |
|            | 526 South                               | wer Company<br>h Church Street                                 |                                         |                                | Authorization                              |               | pplicable                              | ,                                     |
|            | Charlotte                               | , NC 28201-1006                                                |                                         |                                | Expiration Da                              |               | plicable                               |                                       |
|            | 4. Identification of                    | f System, ASME CI                                              |                                         | lant System, AS                | ME Class 1                                 |               |                                        |                                       |
|            |                                         | struction Code:<br>on Section XI Utilize<br>ion XI Code Case(s | =                                       | 19 <u>69</u><br>19 <u>98</u>   | Edition, <u>No</u><br>Edition, <u>2000</u> |               |                                        | Code Case                             |
|            | 6. Identification of                    | Components                                                     |                                         | · .                            |                                            |               |                                        |                                       |
|            | Name of<br>Component                    | Name of<br>Manufacturer                                        | Manufacturer<br>Serial Number           | National<br>Board No.          | Other<br>Identification                    | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| <b>`</b> . | 1RC IV 166                              | UNK                                                            | UNK                                     | UNK                            | None                                       | UNK           | Removed                                | NO                                    |
|            | 1RC IV 166 (1)                          | UNK                                                            | UNK                                     | UNK                            | None                                       | UNK           | Installed                              | ´ NO                                  |
|            |                                         |                                                                |                                         |                                |                                            |               |                                        |                                       |
|            | ······                                  |                                                                |                                         |                                |                                            |               | ·                                      |                                       |
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|            |                                         |                                                                |                                         |                                |                                            |               |                                        |                                       |
|            |                                         |                                                                |                                         |                                |                                            |               |                                        |                                       |
|            |                                         |                                                                |                                         |                                |                                            |               |                                        |                                       |
|            | 7. Description of                       | Work                                                           |                                         |                                |                                            |               | 1                                      |                                       |
|            | 1RC IV 166 was n<br>hydrostatic test is | emoved and insta                                               | lled to aid in the o                    | elimination of th              | e Alloy 600 com                            | nection. D    | ue to pipe size                        |                                       |
| `~         | 8. Test Conducte                        | ed                                                             | • • • • • • • • • • • • • • • • • • • • |                                |                                            |               |                                        |                                       |
|            | Hydrost                                 | atic Pneumat<br>Pressure                                       | ic 🛛 Nominal C<br>PSI                   | perating Pressure<br>Test Temp |                                            | Other         |                                        |                                       |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1659471-23                                                                                                                                                                                                                                                                                                           | 2 of 2                                                                                                                                                             |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | L                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                    |
| <b>1</b> /2 inch pipe to tube adaptor, compression fitting; ASME SA479 Grade 316                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | · S/C 276906, UTC 1032029, P                                                                                                                                                                                                                                                                                         | N # SS-810-1-8W.                                                                                                                                                   |
| (NOTE this part is not part of the ASME Section XI boundary, this is in the ins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                    |
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| <b>(</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | •                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                    |
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| <b>9</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ·                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                    |
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| CERTIFICATE OF COMPLIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                      | · · · · · · · · · · · · · · · · · · ·                                                                                                                              |
| I certify that the statements made in the report are correct and that t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                      | ents of the                                                                                                                                                        |
| I certify that the statements made in the report are correct and that t ASME Code, Section XI.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | his conforms to the requirem                                                                                                                                                                                                                                                                                         | ents of the                                                                                                                                                        |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | his conforms to the requirem                                                                                                                                                                                                                                                                                         |                                                                                                                                                                    |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp Not A<br>Certificate of Authorization Number Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | his conforms to the requirements pplicable Not A                                                                                                                                                                                                                                                                     | Applicable                                                                                                                                                         |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed BardW. Can Senior Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | his conforms to the requirem                                                                                                                                                                                                                                                                                         | Applicable                                                                                                                                                         |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp Not A<br>Certificate of Authorization Number Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | his conforms to the requirements pplicable Not A                                                                                                                                                                                                                                                                     | Applicable                                                                                                                                                         |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>BackWith Carthony</u> Senior Engineer I<br>Owner or Owner's pesignee, Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | his conforms to the requirement<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>12/5/200</u>                                                                                                                                                                                                                 | Applicable                                                                                                                                                         |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Barley Comp</u> Senior Engineer I<br>Owner or Owner's Pesignee, Title<br>CERTIFICATE OF INSERVICE INSER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | his conforms to the requirement<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>12/5/200</u>                                                                                                                                                                                                                 | Applicable                                                                                                                                                         |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Barley</u> <u>Senior Engineer</u> I<br><u>Owner or Owner's Pesignee, Title</u><br><b>CERTIFICATE OF INSERVICE INS</b><br>I, the undersigned, holding a valid commission issued by the Nationa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | his conforms to the requirement<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>12/5/200</u><br>PECTION<br>al Board of Boiler and Pressu                                                                                                                                                                     | Applicable                                                                                                                                                         |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Bardwill</u> <u>Canado</u> Senior Engineer<br>Owner or Owner's pesignee, Title<br><b>CERTIFICATE OF INSERVICE INS</b><br>I, the undersigned, holding a valid commission issued by the National<br>Inspectors and the State or Province of <u>Joerni Curcum</u> and<br>of Hartford, Connecticut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | his conforms to the requirement<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>12/5/200</u><br>PECTION<br>al Board of Boiler and Pressu<br>and employed by <u>have inspected the com</u>                                                                                                                    | Applicable<br>06<br>Irre Vessel<br>HSB CT<br>ponents described                                                                                                     |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>BailWi Councer</u> Besignee, Title<br>Senior Engineer I<br>Owner or Owner's Besignee, Title<br><b>CERTIFICATE OF INSERVICE INS</b><br>I, the undersigned, holding a valid commission issued by the National<br>Inspectors and the State or Province of <u>Joerni Curcours</u> a<br>of <u>Hartford, Connecticut</u><br>in this Owner's Report during the period 7-27-04 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | his conforms to the requirement<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>12/5/200</u><br>PECTION<br>al Board of Boiler and Pressu<br>and employed by <u>have inspected the com</u><br>o /-/<-o 7                                                                                                      | Applicable<br>D6<br>Ire Vessel<br>HSB CT<br>ponents described<br>, and state that                                                                                  |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Barlw</u> , <u>Carry</u> <u>Senior Engineer</u> <u>I</u><br><u>Owner or Owner's pesignee, Title</u><br><u>CERTIFICATE OF INSERVICE INS</u><br>I, the undersigned, holding a valid commission issued by the National<br>Inspectors and the State or Province of <u>Joerne Concurs</u> of<br><u>Hartford, Connecticut</u><br>in this Owner's Report during the period <u>7-27-04</u> to<br>to the best of my knowledge and belief, the Owner has performed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | his conforms to the requirement<br>pplicable<br>Expiration Date Not A<br>Date 12/5/200<br>PECTION<br>al Board of Boiler and Pressue<br>and employed by have inspected the composite<br>o /-/<-o 7<br>examinations and taken composite<br>Not A                                                                       | Applicable<br>06<br>Ire Vessel<br>HSB CT<br>ponents described<br>, and state that<br>prrective measure                                                             |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Barley</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Not Applicable</u><br><u>Signed Barley</u> <u>Senior Engineer</u> <u>Se</u>                                                                                                                                             | his conforms to the requirement<br>pplicable<br>Expiration Date Not A<br>Date 12/5/200<br>PECTION<br>al Board of Boiler and Pressue<br>and employed by have inspected the com<br>o 1-76-07<br>examinations and taken co<br>f the ASME Code, Section XI                                                               | Applicable<br>06<br>Ire Vessel<br>HSB CT<br>ponents described<br>, and state that<br>prrective measure                                                             |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Bardwit</u> <u>Senior Engineer</u><br><u>Owner or Owner Pesignee, Title</u><br><u>CERTIFICATE OF INSERVICE INS</u><br>I, the undersigned, holding a valid commission issued by the National<br>Inspectors and the State or Province of <u>Joerni Curcourna</u><br>of <u>Hartford, Connecticut</u><br>in this Owner's Report during the period <u>7-27-04</u><br>to the best of my knowledge and belief, the Owner has performed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | his conforms to the requirement<br>pplicable<br>Expiration Date Not A<br>Date 12/5/200<br>PECTION<br>al Board of Boiler and Pressue<br>and employed by have inspected the com<br>o 1-16-07<br>examinations and taken co<br>f the ASME Code, Section XI<br>or makes any warranty, exp                                 | Applicable<br>06<br>Ire Vessel<br>HSB CT<br>ponents described<br>, and state that<br>prrective measure<br>ressed or implied                                        |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Bardwit</u> <u>Cartery</u> <u>Senior Engineer</u> <u>Bardwit</u> <u>Cartery</u> <u>Senior Engineer</u> <u>Bardwit</u> <u>Cartery</u> <u>Senior Engineer</u> <u>Bardwit</u> <u>Senior Engineer</u> <u>Bardwit</u> <u>Cartery</u> <u>Senior Engineer</u> <u>Bardwit</u> <u>Cartery</u> <u>Senior Engineer</u> <u>Bardwit</u> <u>Sen</u> | his conforms to the requirement<br>pplicable<br>Expiration Date Not A<br>Date 12/5/200<br>PECTION<br>al Board of Boiler and Pressue<br>and employed by have inspected the com<br>o /-/<-o 7<br>examinations and taken co<br>f the ASME Code, Section XI<br>or makes any warranty, exp<br>his Owner's Report. Further | Applicable<br>D6<br>HSB CT<br>ponents described<br>, and state that<br>prrective measures<br>ressed or implied<br>prorection the the                               |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Bardwi</u> <u>Carrier</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Carrier</u> <u>Not Applicable</u><br>Signed <u>Bardwi</u> <u>Carrier</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Carrier</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Sen</u>              | his conforms to the requirement<br>pplicable<br>Expiration Date Not A<br>Date 12/5/200<br>PECTION<br>al Board of Boiler and Pressue<br>and employed by have inspected the com<br>o / //////////////////////////////////                                                                                              | Applicable<br>D6<br>D6<br>HSB CT<br>ponents described<br>, and state that<br>prrective measures<br>ressed or implied<br>ermore, neither the<br>ge or a loss of any |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not A</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>Bardwi</u> <u>Carrier</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Carrier</u> <u>Not Applicable</u><br>Signed <u>Bardwi</u> <u>Carrier</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Carrier</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Senior Engineer</u> <u>Bardwi</u> <u>Senior Engineer</u> <u>Sen</u>              | his conforms to the requirement<br>pplicable<br>Expiration Date Not A<br>Date 12/5/200<br>PECTION<br>al Board of Boiler and Pressue<br>and employed by have inspected the com<br>o /-/<-o 7<br>examinations and taken co<br>f the ASME Code, Section XI<br>or makes any warranty, exp<br>his Owner's Report. Further | Applicable<br>D6<br>D6<br>HSB CT<br>ponents described<br>, and state that<br>prrective measures<br>ressed or implied<br>ermore, neither the<br>ge or a loss of any |

| _ |                                                                                                                     |                                            |                                       |                                  | Work Order Nun                             | nber          | Sheet                                  |                                       |
|---|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------|----------------------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|
|   | )                                                                                                                   |                                            |                                       |                                  | 16594                                      | 71-31         | 1                                      | of 2                                  |
|   | 1. Owner                                                                                                            |                                            | 2. P                                  | lant                             |                                            |               | Unit                                   |                                       |
|   |                                                                                                                     | ver Company                                |                                       |                                  | clear Station                              |               | O                                      | NS - 1                                |
|   |                                                                                                                     | Church Street                              |                                       | 7800 Roche                       | •                                          |               | Date                                   |                                       |
|   | Charlotte,                                                                                                          | NC 28201-1006                              |                                       | Seneca, SC                       | 290/2                                      |               | 12/.                                   | 5/2006                                |
|   | 3. Work Performed                                                                                                   | d by                                       |                                       |                                  | Type Code Sym                              |               | pplicable                              |                                       |
|   |                                                                                                                     | ver Company<br>1 Church Street             |                                       |                                  | Authorization N                            |               | pplicable                              |                                       |
|   | Charlotte                                                                                                           | , NC 28201-1006                            | <b>)</b>                              |                                  | Expiration Date                            | Not A         | oplicable                              |                                       |
|   | 4. Identification of                                                                                                | System, ASME CI                            |                                       | lant System, ASM                 | fE Class 1                                 |               |                                        |                                       |
|   | <ul> <li>5.</li> <li>(a) Applicable Cons</li> <li>(b) Applicable Edition</li> <li>(c) Applicable Section</li> </ul> | on Section XI Utilize<br>on XI Code Case(s |                                       |                                  | Edition, <u>No</u><br>Edition, <u>2000</u> | _ Addeno      |                                        | Code Case                             |
|   | 6. Identification of                                                                                                | Components                                 |                                       |                                  |                                            |               |                                        |                                       |
|   | Name of<br>Component                                                                                                | Name of<br>Manufacturer                    | Manufacturer<br>Serial Number         | National<br>Board No.            | Other<br>Identification                    | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| Ĩ | )<br>IRC IV 167                                                                                                     | UNK                                        | UNK                                   | UNK                              | None                                       | UNK           | Removed                                | NO                                    |
|   | 1RC IV 167 (1)                                                                                                      | UNK                                        | UNK                                   | UNK                              | None                                       | UNK           | Installed                              | NO                                    |
| · |                                                                                                                     |                                            |                                       |                                  |                                            |               |                                        |                                       |
|   | •                                                                                                                   |                                            | · · · · · · · · · · · · · · · · · · · |                                  |                                            |               |                                        |                                       |
|   |                                                                                                                     |                                            |                                       |                                  |                                            | . <u>.</u>    |                                        |                                       |
|   |                                                                                                                     |                                            |                                       |                                  |                                            |               |                                        |                                       |
|   |                                                                                                                     |                                            |                                       |                                  | · · · · · ·                                |               |                                        |                                       |
|   |                                                                                                                     |                                            |                                       |                                  |                                            |               |                                        |                                       |
|   | . · ·                                                                                                               |                                            |                                       |                                  |                                            |               |                                        | · · · · · ·                           |
|   |                                                                                                                     |                                            |                                       |                                  |                                            |               |                                        |                                       |
|   | 7. Description of<br>IRC IV 167 was r<br>hydrostatic test is                                                        | emoved and instand instand                 | lled to aid in the                    | elimination of the               | Alloy 600 conne                            | ction. D      | ue to pipe size                        |                                       |
|   | 8. Test Conducte                                                                                                    |                                            |                                       | Operating Pressure<br>Test Tempe |                                            | ] Other<br>°F |                                        | · · ·                                 |

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| s required by the provisions of the result code becausi ra                                                                                                        | Work Order Number          | Sheet                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|
|                                                                                                                                                                   | 1659471-31                 | 2 of 2                |
| <b>D. Remarks</b> (Applicable Manufacturer's Data Reports to be attached)                                                                                         |                            |                       |
| <b>1</b> /2 inch pipe to tube adaptor, compression fitting; ASME SA479 Grade 316 (NOTE this part is not part of the ASME Section XI boundary, this is in the inst |                            | PN # SS-810-1-8W.     |
| 3                                                                                                                                                                 | ······                     | 17 <b>16 18 18 18</b> |
| 3                                                                                                                                                                 |                            |                       |
| 9                                                                                                                                                                 | · · ·                      |                       |
| B                                                                                                                                                                 |                            |                       |
| <u>3</u>                                                                                                                                                          |                            |                       |
|                                                                                                                                                                   |                            |                       |
| 3                                                                                                                                                                 |                            |                       |
| 9                                                                                                                                                                 |                            | ·                     |
| Ď                                                                                                                                                                 | ,<br>                      |                       |
|                                                                                                                                                                   |                            |                       |
| CERTIFICATE OF COMPLIAI<br>I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.                                      |                            | nents of the          |
| Type Code Symbol Stamp Not A                                                                                                                                      | pplicable                  | <u> </u>              |
| - //                                                                                                                                                              | Expiration Date <u>Not</u> | Applicable            |
| Signed Baully, Curry Senior Engineer I<br>Owner or Owner's Designee, Title                                                                                        | Date12/5/20                |                       |
| CERTIFICATE OF INSERVICE INS                                                                                                                                      | PECTION                    |                       |
| I, the undersigned, holding a valid commission issued by the Nationa                                                                                              |                            | ure Vessel<br>HSB CT  |

| of      | Hartford, Connec                          | ticut             |             | have inspe   | ected the co | mponents   | described   |
|---------|-------------------------------------------|-------------------|-------------|--------------|--------------|------------|-------------|
| in this | Owner's Report during the period          | 7-27-06           | to          | 1.16.0       | ·7           | , and      | state that  |
| to the  | e best of my knowledge and belief, th     | e Owner has p     | erformed e  | examinations | and taken    | corrective | measures    |
| descr   | ibed in this Owner's Report in accordanc  | e with the requir | ements of t | he ASME Co   | de, Section  | XI.        |             |
| B       | y signing this certificate neither the In | spector nor his   | employer    | makes any    | warranty, e  | expressed  | or implied, |

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

4/1 Inspector's Signature

1-16-07

Commissions NC1444NIABL

National Board, State, Province, and Endorsements

Date

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|                                                            |                                |                               |                                 | Work Order Nun                             | nber          | Sheet                                  |                                    |
|------------------------------------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------------------|---------------|----------------------------------------|------------------------------------|
|                                                            |                                |                               |                                 | 16594                                      | 71-38         | . 1                                    | of 2                               |
| 1. Owner                                                   |                                | 2. PI                         |                                 |                                            |               | Unit                                   |                                    |
| Duke Power Company Oconee Nuclear Station                  |                                |                               |                                 |                                            | O             | NS - 1                                 |                                    |
|                                                            | h Church Street                |                               | 7800 Roch                       | •                                          |               | Date                                   |                                    |
| Charlotte                                                  | , NC 28201-1006                |                               | Seneca, SC                      | 29672                                      | -             | 12/                                    | 5/2006                             |
| 3. Work Performe                                           | d by                           |                               |                                 | Type Code Sym                              |               | pplicable                              |                                    |
| 526 Sout                                                   | wer Company<br>h Church Street |                               |                                 | Authorization N                            |               | pplicable                              |                                    |
| Charlotte                                                  | e, NC 28201-1006               | 5                             |                                 | Expiration Date                            |               | pplicable                              |                                    |
| 4. Identification o                                        | f System, ASME C               |                               | lant System, ASI                | ME Class 1                                 |               |                                        |                                    |
| (c) Applicable Sect                                        | ion Section XI Utilize         | •                             |                                 | Edition, <u>No</u><br>Edition, <u>2000</u> | Addeno        |                                        | Code Cas                           |
| 6. Identification o                                        |                                |                               |                                 | <b>.</b>                                   | 1             |                                        |                                    |
| Name of<br>Component                                       | Name of<br>Manufacturer        | Manufacturer<br>Serial Number | National<br>Board No.           | Other<br>Identification                    | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stampe<br>(Yes / N |
| IRC IV 165                                                 | UNK                            | UNK                           | UNK                             | None                                       | UNK           | Removed                                | NO                                 |
| 1RC IV 165 (1)                                             | UNK                            | UNK                           | UNK                             | None                                       | UNK           | Installed                              | NO                                 |
|                                                            |                                |                               |                                 |                                            |               | · · · · · · · · · · · · · · · · · · ·  |                                    |
|                                                            |                                |                               |                                 |                                            |               |                                        |                                    |
| <u> </u>                                                   |                                |                               |                                 |                                            |               |                                        |                                    |
|                                                            |                                |                               |                                 | · · · · · · · · · · · · · · · · · · ·      |               |                                        |                                    |
|                                                            |                                |                               |                                 |                                            |               |                                        |                                    |
| 7. Description of<br>1RC IV 165 was<br>hydrostatic test is | removed and insta              | alled to aid in the           | elimination of th               | e Alloy 600 conne                          | ection. D     | ue to pipe size                        | L                                  |
| 8. Test Conduct                                            | ed                             |                               | Dperating Pressure<br>Test Temp | Exempt                                     | ] Other<br>°F |                                        |                                    |

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|                                                                                                                                                      | Work Order Number                | Sheet             |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------|
|                                                                                                                                                      | 1659471-38                       | 2 of 2            |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                   |                                  |                   |
| • 1/2 inch pipe to tube adaptor, compression fitting; ASME SA479 Grade 3 (NOTE this part is not part of the ASME Section XI boundary, this is in the |                                  | PN # SS-810-1-8W. |
| (NOTE this part is not part of the Asive Section At boundary, this is in the                                                                         | instantent portion of the mic.   |                   |
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| ·                                                                                                                                                    |                                  |                   |
| CERTIFICATE OF COMPL                                                                                                                                 | IANCE                            |                   |
| I certify that the statements made in the report are correct and tha ASME Code, Section XI.                                                          | at this conforms to the requirer | nents of the      |

| Type Code Symbol Stamp              | Not             | Applicable      |                |
|-------------------------------------|-----------------|-----------------|----------------|
| Certificate of Authorization Number | Not Applicable  | Expiration Date | Not Applicable |
| Signed Band W. Carry                | Senior Engineer | Date            | 12/5/2006      |
| Owner or Owner's Designed           | e, Title        |                 |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NSPEC   | TION                      |                       |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------|-----------------------|--|--|
| I, the undersigned, holding a valid commission issued by the Nati                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | onal Bo | oard of Boiler and Pr     | essure Vessel         |  |  |
| Inspectors and the State or Province of NORTH CAROLINA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | and e   | employed by               | HSB CT                |  |  |
| of Hartford, Connecticut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                           | components described  |  |  |
| in this Owner's Report during the period 7-27-06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | to      | 1-16-07                   | , and state that      |  |  |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.<br>By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer or property damage or a loss of any kind arising from or connected with this inspection. |         |                           |                       |  |  |
| Commissions <u>A</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | onal Board, State, Provir | nce, and Endorsements |  |  |
| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                           |                       |  |  |

|                                                                                                                                                                                |                                           |                                  | Work Order Nu                              | nber             | Sheet                                  |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------|------------------|----------------------------------------|---------------------------------------|
| $\bigcirc$                                                                                                                                                                     |                                           |                                  | 16594                                      | 71-49            | 1                                      | of 2                                  |
| 1. Owner                                                                                                                                                                       | 2. PI                                     | lant                             |                                            |                  | Unit                                   |                                       |
| Duke Power Company<br>526 South Church Street                                                                                                                                  |                                           | Oconee Nuc<br>7800 Roche         | clear Station                              |                  |                                        | NS - 1                                |
|                                                                                                                                                                                |                                           |                                  |                                            |                  | Date                                   |                                       |
|                                                                                                                                                                                | Charlotte, NC 28201-1006 Seneca, SC 29672 |                                  |                                            |                  |                                        | 5/2006                                |
| 3. Work Performed by                                                                                                                                                           | 3. Work Performed by                      |                                  |                                            |                  | plicable                               |                                       |
| Duke Power Company                                                                                                                                                             |                                           |                                  | Authorization N                            |                  |                                        |                                       |
| 526 South Church Street                                                                                                                                                        | ~                                         |                                  |                                            | -                | plicable                               |                                       |
| Charlotte, NC 28201-100                                                                                                                                                        | Expiration Date                           |                                  | plicable                                   |                  |                                        |                                       |
| 4. Identification of System, ASME C                                                                                                                                            |                                           |                                  |                                            |                  |                                        |                                       |
|                                                                                                                                                                                | eactor Coolant Sy                         | ystem - Pressurize               | r, ASME Class 1                            |                  |                                        |                                       |
| <ul> <li>5.</li> <li>(a) Applicable Construction Code:</li> <li>(b) Applicable Edition Section XI Utilization</li> <li>(c) Applicable Section XI Code Case(section)</li> </ul> | -                                         |                                  | Edition, <u>No</u><br>Edition, <u>2000</u> | Addend<br>Addend | ······································ | Code Case                             |
| 6. Identification of Components                                                                                                                                                |                                           | •                                |                                            |                  |                                        |                                       |
| Name of Name of Component Manufacturer                                                                                                                                         | Manufacturer<br>Serial Number             | National<br>Board No.            | Other<br>Identification                    | Year<br>Built    | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| Pressurizer Vent<br>Nozzle B & W                                                                                                                                               | UNK                                       | None                             | UNK                                        | UNK              | Removed                                | NO                                    |
| Pressurizer Vent<br>Nozzle (1) Areva                                                                                                                                           | 5066928-001-<br>03                        | None                             | UTC 1083784                                | 2005             | Installed                              | NO                                    |
| Pipe (2) DPC                                                                                                                                                                   | None                                      | None                             | None                                       | 2005             | Installed                              | NO                                    |
|                                                                                                                                                                                |                                           |                                  |                                            |                  |                                        |                                       |
|                                                                                                                                                                                |                                           |                                  |                                            |                  |                                        |                                       |
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|                                                                                                                                                                                |                                           |                                  |                                            |                  |                                        |                                       |
| 7. Description of Work<br>The pressurizer vent nozzle was re<br>nozzle the section of pipe and full of                                                                         |                                           | •                                |                                            | -                | -                                      | lacing the                            |
| 8. Test Conducted<br>Hydrostatic Pneuma<br>Pressure 2                                                                                                                          | tic Nominal (<br>250 PSI                  | Operating Pressure<br>Test Tempo | Exempt erature 650                         | OtherOFF         |                                        |                                       |

| As required by the provisions of the Asian Code Section At                                                                                             | Work Order Number                     | Sheet              |
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| Х                                                                                                                                                      |                                       |                    |
| )                                                                                                                                                      | 1659471-49                            | 2 of 2             |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                     |                                       |                    |
|                                                                                                                                                        |                                       |                    |
| • Pressurizer Vent Line Nozzle, UNS S31600; S/C 581281, UTC 1083784, HT                                                                                |                                       |                    |
| <b>9</b> 1 inch full pipe coupling, ASME SA182 Grade F316; S/C 593428, UTC 182<br>Linch Sch. 160 pipe. ASME SA376 Grade TP316; S/C 439066, UTC 1822069 |                                       |                    |
| 1 inch Sch. 160 pipe, ASME SA376 Grade TP316; S/C 439066, UTC 1822069,                                                                                 | , НІ # АПІ217                         |                    |
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| <i>w</i>                                                                                                                                               | · · · · · · · · · · · · · · · · · · · |                    |
| )                                                                                                                                                      |                                       |                    |
|                                                                                                                                                        |                                       |                    |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.                                                       | his conforms to the requirement       | nts of the         |
|                                                                                                                                                        |                                       |                    |
| Type Code Symbol Stamp Not Ap                                                                                                                          | pplicable                             |                    |
| Certificate of Authorization NumberNot Applicable                                                                                                      | Expiration Date Not A                 | pplicable          |
|                                                                                                                                                        | Date 12/5/2000                        | 5                  |
| Owner or Owner's Designee/Title                                                                                                                        |                                       |                    |
| /                                                                                                                                                      |                                       |                    |
| CERTIFICATE OF INSERVICE INSE                                                                                                                          | PECTION                               |                    |
| I, the undersigned, holding a valid commission issued by the Nationa                                                                                   |                                       | e Vessel           |
| Inspectors and the State or Province of NORTH CAROLINA a                                                                                               | and employed byH                      | SB CT              |
| of Hartford, Connecticut                                                                                                                               | have inspected the compo              |                    |
| in this Owner's Report during the period 7-27-04 to                                                                                                    |                                       | _ , and state that |
| to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of                |                                       | rective measures   |
| By signing this certificate neither the Inspector nor his employer                                                                                     | r makes any warranty, expre           |                    |
| concerning the examinations and corrective measures described in the                                                                                   | his Owner's Report. Further           | more, neither the  |
| Inspector nor his employer shall be liable in any manner for any perso kind arising from or connected with this inspection.                            | nal injury or property damage         | er a loss of any   |
|                                                                                                                                                        |                                       |                    |

Inspector's Signature Date 1-16-07

Commissions <u>NCH44 NIAB</u> National Board, State, Province, and Endorsements

|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 | Work Order Nu           | mper          | Sneet                                  |                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|-------------------------------|-------------------------------------------------|-------------------------|---------------|----------------------------------------|---------------------------------------|
| ſ.                                                                                                                                                                                                                                                                                                                                | )                                                            |                                               |                               |                                                 | 16594                   | 472-13        | 1                                      | of 2                                  |
|                                                                                                                                                                                                                                                                                                                                   | 526 South                                                    | ver Company<br>Church Street<br>NC 28201-1006 |                               | Plant<br>Oconee Nuc<br>7800 Roche<br>Seneca, SC | ster Hwy                |               | Date                                   | NS - 1<br>5/2006                      |
|                                                                                                                                                                                                                                                                                                                                   | 3. Work Performed                                            | i by                                          |                               |                                                 | Type Code Sym           |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              | ver Company                                   |                               |                                                 | Authorization N         | lumber        | pplicable                              |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              | n Church Street<br>, NC 28201-1006            |                               |                                                 | Expiration Date         |               | plicable                               |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 |                         |               | pplicable                              |                                       |
|                                                                                                                                                                                                                                                                                                                                   | 4. Identification of                                         | System, ASME CI                               |                               | olant System, ASM                               | E Class 1               |               |                                        | 4.                                    |
| 5.         (a) Applicable Construction Code:       USAS B31.7       19       69       Edition,       No       Addenda,       No       Co         (b) Applicable Edition Section XI Utilized For R/R Activity       19       98       Edition,       2000       Addenda.         (c) Applicable Section XI Code Case(s)       None |                                                              |                                               |                               |                                                 | Code Case               |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   | 6. Identification of                                         | Components                                    |                               |                                                 |                         |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   | Name of<br>Component                                         | Name of<br>Manufacturer                       | Manufacturer<br>Serial Number | National<br>Board No.                           | Other<br>Identification | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| `                                                                                                                                                                                                                                                                                                                                 | 1RC IV 163                                                   | UNK                                           | UNK                           | UNK                                             | None                    | UNK           | Removed                                | NO                                    |
|                                                                                                                                                                                                                                                                                                                                   | 1RC IV 163 (1)                                               | UNK                                           | UNK                           | UNK                                             | None                    | UNK           | Installed                              | NO                                    |
|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 |                         |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 |                         |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 |                         |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 |                         |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 |                         |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 |                         |               |                                        |                                       |
|                                                                                                                                                                                                                                                                                                                                   |                                                              |                                               |                               |                                                 |                         |               |                                        |                                       |
| (                                                                                                                                                                                                                                                                                                                                 | 7. Description of<br>IRC IV 163 was 1<br>hydrostatic test is | emoved and insta                              | lled to aid in the            | e elimination of the                            | Alloy 600 conn          | ection. D     | ue to pipe size                        | L                                     |
| ć                                                                                                                                                                                                                                                                                                                                 | 8. Test Conducte                                             | <b></b>                                       |                               | Operating Pressure<br>Test Tempe                | Exempt [                | Other<br>°F   | *                                      |                                       |

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|                   |                                                                                                                                                                                                                                     | Work Order Number                                       | Sheet                                 |  |  |  |  |  |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------|--|--|--|--|--|
| $\langle \rangle$ |                                                                                                                                                                                                                                     | 1659472-13                                              | 2 of 2                                |  |  |  |  |  |
| Ì                 | 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                  |                                                         | •                                     |  |  |  |  |  |
|                   |                                                                                                                                                                                                                                     |                                                         |                                       |  |  |  |  |  |
|                   | ● 1/2 inch pipe to tube adaptor, compression fitting; ASME SA479 Grade 316; S/C 276906, UTC 1032029, PN # SS-810-1-8W. (NOTE this part is not part of the ASME Section XI boundary, this is in the instrument portion of the line.) |                                                         |                                       |  |  |  |  |  |
|                   |                                                                                                                                                                                                                                     |                                                         |                                       |  |  |  |  |  |
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|                   | <u> </u>                                                                                                                                                                                                                            | kk                                                      |                                       |  |  |  |  |  |
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|                   | <b>9</b>                                                                                                                                                                                                                            |                                                         |                                       |  |  |  |  |  |
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|                   | <u> </u>                                                                                                                                                                                                                            |                                                         | · · · · · · · · · · · · · · · · · · · |  |  |  |  |  |
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|                   | )                                                                                                                                                                                                                                   |                                                         |                                       |  |  |  |  |  |
| ```               | CERTIFICATE OF COMPLIAN                                                                                                                                                                                                             | ICE                                                     |                                       |  |  |  |  |  |
|                   | I certify that the statements made in the report are correct and that the                                                                                                                                                           | nis conforms to the requirement                         | nts of the                            |  |  |  |  |  |
|                   | ASME Code, Section XI.                                                                                                                                                                                                              |                                                         |                                       |  |  |  |  |  |
|                   | Type Code Symbol Stamp Not Ap                                                                                                                                                                                                       | pplicable                                               |                                       |  |  |  |  |  |
|                   | Certificate of Authorization Number Not Applicable                                                                                                                                                                                  | Expiration Date Not A                                   | pplicable                             |  |  |  |  |  |
|                   |                                                                                                                                                                                                                                     | - <u></u>                                               | · · · · · · · · · · · · · · · · · · · |  |  |  |  |  |
|                   | Signed <u>Basil W. Central</u> Senior Engineer E<br>Owner or Owner's Designee, Title                                                                                                                                                | Date 12/5/2000                                          | 6                                     |  |  |  |  |  |
|                   | Owner of Owner of Owner Spesignee, Thie                                                                                                                                                                                             |                                                         |                                       |  |  |  |  |  |
| 1                 |                                                                                                                                                                                                                                     |                                                         |                                       |  |  |  |  |  |
|                   | CERTIFICATE OF INSERVICE INSE                                                                                                                                                                                                       |                                                         |                                       |  |  |  |  |  |
|                   | I, the undersigned, holding a valid commission issued by the Nationa<br>Inspectors and the State or Province of <u>المعربية المعربية</u> a                                                                                          |                                                         | e Vessel<br>SB CT                     |  |  |  |  |  |
|                   | of Hartford, Connecticut                                                                                                                                                                                                            | have inspected the comp                                 |                                       |  |  |  |  |  |
|                   | in this Owner's Report during the period 7-27-06 to                                                                                                                                                                                 |                                                         | , and state that                      |  |  |  |  |  |
|                   | to the best of my knowledge and belief, the Owner has performed                                                                                                                                                                     |                                                         | rective measures                      |  |  |  |  |  |
|                   | described in this Owner's Report in accordance with the requirements of<br>By signing this certificate neither the Inspector nor his employed                                                                                       |                                                         | essed or implied.                     |  |  |  |  |  |
|                   | concerning the examinations and corrective measures described in the                                                                                                                                                                | his Owner's Report. Further                             | more, neither the                     |  |  |  |  |  |
|                   | Inspector nor his employer shall be liable in any manner for any perso<br>kind arising from or connected with this inspection.                                                                                                      | onal injury or property damage                          | e or a loss of any                    |  |  |  |  |  |
| ا <sub>۲</sub>    |                                                                                                                                                                                                                                     |                                                         |                                       |  |  |  |  |  |
| (<br>~1           | Commissions NC                                                                                                                                                                                                                      | 1444 NIABC                                              |                                       |  |  |  |  |  |
|                   | Inspector's Signature                                                                                                                                                                                                               | National Board, State, Province, and                    | Endorsements                          |  |  |  |  |  |
|                   | Date                                                                                                                                                                                                                                |                                                         |                                       |  |  |  |  |  |
|                   |                                                                                                                                                                                                                                     | ·····                                                   |                                       |  |  |  |  |  |

| _                                                                             |                                            |                               |                                | Work Order Nun                             | nber               | Sheet                                  |                                       |
|-------------------------------------------------------------------------------|--------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------|--------------------|----------------------------------------|---------------------------------------|
| $\bigcirc$                                                                    |                                            |                               |                                | 16594                                      | 72-21              | 1                                      | of 2                                  |
| 1. Owner                                                                      |                                            | 2. PI                         | ant                            |                                            |                    | Unit                                   |                                       |
| Duke Pow                                                                      | ver Company                                |                               | Oconee Nu                      | clear Station                              |                    | O                                      | NS - 1                                |
|                                                                               | Church Street                              |                               | 7800 Roch                      | ester Hwy                                  |                    | Date                                   | ••••                                  |
| Charlotte,                                                                    | NC 28201-1006                              |                               | Seneca, SC                     | 29672                                      |                    | 12/:                                   | 5/2006                                |
| 3. Work Performed                                                             | d by                                       | <b>L</b>                      | ·····                          | Type Code Sym                              |                    |                                        |                                       |
|                                                                               |                                            |                               |                                |                                            | Not Aj             | oplicable                              |                                       |
|                                                                               | ver Company<br>n Church Street             |                               |                                | Authorization N                            |                    | oplicable                              |                                       |
| Charlotte, NC 28201-1006 Expiration Date                                      |                                            |                               |                                |                                            |                    | pheaole                                |                                       |
|                                                                               |                                            |                               |                                |                                            | Not A <sub>l</sub> | oplicable                              |                                       |
| 4. Identification of                                                          | System, ASME C                             |                               | lant System, ASI               | ME Class 1                                 |                    |                                        |                                       |
| 5.<br>(a) Applicable Cons<br>(b) Applicable Edition<br>(c) Applicable Section | on Section XI Utilize<br>on XI Code Case(s | •                             |                                | Edition, <u>No</u><br>Edition, <u>2000</u> | _ Addeno           |                                        | Code Case                             |
| 6. Identification of                                                          | Components                                 |                               |                                |                                            |                    |                                        |                                       |
| Name of<br>Component                                                          | Name of<br>Manufacturer                    | Manufacturer<br>Serial Number | National<br>Board No.          | Other<br>Identification                    | Year<br>Built      | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| 1RC IV 164                                                                    | UNK                                        | UNK                           | UNK                            | None                                       | UNK                | Removed                                | NO                                    |
| IRC IV 164 (1)                                                                | UNK                                        | UNK                           | UNK                            | None                                       | UNK                | Installed                              | NO                                    |
|                                                                               |                                            |                               |                                |                                            |                    |                                        |                                       |
|                                                                               |                                            |                               |                                |                                            |                    |                                        |                                       |
| ·                                                                             | •                                          |                               |                                |                                            |                    |                                        |                                       |
|                                                                               |                                            |                               |                                |                                            |                    |                                        |                                       |
|                                                                               |                                            |                               |                                | · ·                                        |                    |                                        |                                       |
|                                                                               |                                            |                               |                                |                                            |                    |                                        |                                       |
|                                                                               |                                            |                               |                                |                                            |                    |                                        |                                       |
| 7. Description of                                                             | Work                                       |                               |                                |                                            |                    |                                        |                                       |
| IRC IV 164 was r<br>hydrostatic test is                                       |                                            | lled to aid in the            | elimination of the             | e Alloy 600 conne                          | ction. D           | ue to pipe size                        |                                       |
| 8. Test Conducte                                                              |                                            |                               |                                |                                            |                    |                                        |                                       |
| Hydrost                                                                       | atic Pneumat                               |                               | Derating Pressure<br>Test Temp | Exempt                                     | Other °F           | <u>``</u> `                            |                                       |

|                                                                                                                        | Work Order N                          | umber                                   | Sheet                                  |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------|----------------------------------------|
|                                                                                                                        | 16594                                 | 72-21                                   | 2 of 2                                 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be at                                                            | tached)                               |                                         |                                        |
|                                                                                                                        | 2 + 470 0 - 1 - 216, 8/C 27(00) II    | TC 1022020 DN                           |                                        |
| • 1/2 inch pipe to tube adaptor, compression fitting; ASME (NOTE this part is not part of the ASME Section XI boundar) |                                       |                                         | # SS-810-1-8W.                         |
|                                                                                                                        | <u> </u>                              |                                         | ************************************** |
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|                                                                                                                        |                                       |                                         |                                        |
| · · · · · ·                                                                                                            | TE OF COMPLIANCE                      | <b>.</b>                                |                                        |
| I certify that the statements made in the report are c<br>ASME Code, Section XI.                                       | correct and that this conforms to     | the requireme                           | nts of the                             |
|                                                                                                                        | ··· · · · · · · · · · · · · · · · · · |                                         |                                        |
| Type Code Symbol Stamp                                                                                                 | Not Applicable                        | <u></u>                                 |                                        |
| Certificate of Authorization Number Not Appli                                                                          | cable Expiration Date                 | Not A                                   | pplicable                              |
| Signed Basil W. Cum & Se                                                                                               | nior Engineer Date                    | 12/5/200                                | 6                                      |
| Owner or Owner's Designee, Title                                                                                       |                                       | 1 III I I I I I I I I I I I I I I I I I |                                        |
|                                                                                                                        |                                       |                                         |                                        |
|                                                                                                                        |                                       |                                         |                                        |
|                                                                                                                        | F INSERVICE INSPECTION                | and Bronour                             |                                        |
| I, the undersigned, holding a valid commission issue<br>Inspectors and the State or Province of <u>Noern Co</u>        | and employed t                        |                                         | e vessei<br>ISB CT                     |
| of Hartford, Connecticut                                                                                               | have inspe                            |                                         | onents described                       |
| in this Owner's Report during the period 7-27                                                                          | nuvo inope                            |                                         |                                        |
| · · · · · · · · · · · · · · · · · · ·                                                                                  | · · · · · · · · · · · · · · · · · · · | v7                                      | , and state that                       |
| to the best of my knowledge and belief, the Owner described in this Owner's Report in accordance with the              | has performed examinations            | and taken col                           | _ , and state that                     |

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

auth Inspector's Signature

Date

67

1444 NIABC Commissions /

National Board, State, Province, and Endorsements

|            |                                                                                                                   |                                    |                           |                                      | W                       | ork Order Nun                            | nber          | Sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |  |
|------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------|--------------------------------------|-------------------------|------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--|
| $\bigcirc$ | )                                                                                                                 |                                    |                           |                                      |                         | 16594                                    | 72-29         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | of 2                                  |  |
| Í          | 1. Owner                                                                                                          |                                    |                           | 2. Plant                             | Plant                   |                                          |               | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit                                  |  |
|            | Duke Power Company Ocone                                                                                          |                                    |                           |                                      | Juclear Station ONS - 1 |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            | 526 South Church Street 7800 Rocheste                                                                             |                                    |                           |                                      | ester I                 |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            | Charlotte, NC 28201-1006 Seneca, SC 29                                                                            |                                    |                           |                                      | 2967                    | 9672 12/5/2006                           |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
| :          | 3. Work Performed by                                                                                              |                                    |                           |                                      |                         | Type Code Symbol Stamp<br>Not Applicable |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            | Duke Power Company<br>526 South Church Street                                                                     |                                    |                           |                                      | A                       | Authorization Number<br>Not Applicable   |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            | Charlotte, NC 28201-1006                                                                                          |                                    |                           |                                      | E)                      | Expiration Date<br>Not Applicable        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            | 4. Identification of                                                                                              | System, ASME CI                    |                           | Coolant System, ASN                  | /IE Cl                  | ass 1                                    |               | · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |  |
|            | <ul> <li>5.</li> <li>(a) Applicable Cons</li> <li>(b) Applicable Editi</li> <li>(c) Applicable Section</li> </ul> | on Section XI Utilize              |                           |                                      | Editior<br>Editior      |                                          | Addeno        | the state of the s | Code Case                             |  |
|            | 6. Identification of                                                                                              | f Components                       |                           |                                      |                         |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            | Name of<br>Component                                                                                              | Name of<br>Manufacturer            | Manufactur<br>Serial Numb |                                      |                         | Other<br>ntification                     | Year<br>Built | Corrected,<br>Removed,<br>or Installed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ASME<br>Code<br>Stamped<br>(Yes / No) |  |
| · 1        | 1RC IV 162                                                                                                        | UNK                                | UNK                       | UNK                                  |                         | None                                     | UNK           | Removed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NO                                    |  |
|            | 1RC IV 162 (1)                                                                                                    | UNK                                | UNK                       | UNK                                  |                         | None                                     | UNK           | Installed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NO                                    |  |
|            | -<br>                                                                                                             |                                    |                           |                                      |                         |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            |                                                                                                                   |                                    |                           |                                      |                         |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            |                                                                                                                   |                                    |                           |                                      |                         |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
| ,          |                                                                                                                   |                                    |                           |                                      |                         |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            |                                                                                                                   |                                    |                           |                                      |                         |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
|            |                                                                                                                   |                                    |                           |                                      |                         |                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
| × 1        | hydrostatic test is                                                                                               | removed and insta<br>not required. | lled to aid in            | the elimination of the               | Allo                    | y 600 conne                              | ction. D      | ue to pipe size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |
| *****      | 8. Test Conducte                                                                                                  |                                    |                           | nal Operating Pressure<br>Test Tempe |                         | Exempt                                   | ] Other<br>°F |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |  |

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| the required by the provisions of the risking cour                                                        |                                                                                                                                                                                                               | Work Order Numb      | er          | Sheet                                 |  |  |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------|---------------------------------------|--|--|
| )                                                                                                         |                                                                                                                                                                                                               | 1659472-             | -29         | 2 of 2                                |  |  |
| 9. Remarks (Applicable Manufacturer's Data                                                                | Reports to be attached)                                                                                                                                                                                       |                      | ł           | · · · · · · · · · · · · · · · · · · · |  |  |
| <b>1</b> /2 inch pipe to tube adaptor, compression                                                        | n fitting: ASME SA479 Grade 31(                                                                                                                                                                               | 6· S/C 276906, UTC   | 1032029, PN | # SS-810-1-8W.                        |  |  |
| (NOTE this part is not part of the ASME Sec                                                               |                                                                                                                                                                                                               |                      |             |                                       |  |  |
| 0                                                                                                         |                                                                                                                                                                                                               |                      |             |                                       |  |  |
| <u>0                                    </u>                                                              |                                                                                                                                                                                                               |                      |             | ·                                     |  |  |
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| <b>9</b>                                                                                                  |                                                                                                                                                                                                               |                      |             |                                       |  |  |
| 0                                                                                                         | •<br>                                                                                                                                                                                                         |                      |             |                                       |  |  |
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| 8                                                                                                         |                                                                                                                                                                                                               |                      |             |                                       |  |  |
| <b>9</b> .                                                                                                |                                                                                                                                                                                                               |                      |             |                                       |  |  |
| 0                                                                                                         |                                                                                                                                                                                                               |                      | 2           |                                       |  |  |
| )                                                                                                         |                                                                                                                                                                                                               |                      |             | ·····                                 |  |  |
|                                                                                                           | CERTIFICATE OF COMPLIA                                                                                                                                                                                        |                      |             |                                       |  |  |
| I certify that the statements made in t<br>ASME Code, Section XI.                                         | he report are correct and that t                                                                                                                                                                              | this conforms to the | requiremer  | nts of the                            |  |  |
| Type Code Symbol Stamp                                                                                    | Not A                                                                                                                                                                                                         | pplicable            |             |                                       |  |  |
| Certificate of Authorization Number                                                                       | Not Applicable                                                                                                                                                                                                | Expiration Date      | Not Aj      | pplicable                             |  |  |
| Signed Baril W. Cur<br>Owner or Owner)s Design                                                            |                                                                                                                                                                                                               | Date                 | 12/5/2006   | <u>.</u>                              |  |  |
|                                                                                                           |                                                                                                                                                                                                               | <u> </u>             |             |                                       |  |  |
| C                                                                                                         | ERTIFICATE OF INSERVICE INS                                                                                                                                                                                   | 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 NorTH CAROLINA and employed by HSB CT                             |                                                                                                                                                                                                               |                      |             |                                       |  |  |
| of Hartford, Co                                                                                           |                                                                                                                                                                                                               | · · ·                | d the compo | onents described                      |  |  |
| in this Owner's Report during the period                                                                  | / 0/ +/                                                                                                                                                                                                       | to $1-16-07$         | takon cor   | _, and state that                     |  |  |
|                                                                                                           | to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. |                      |             |                                       |  |  |
| By signing this certificate neither the                                                                   |                                                                                                                                                                                                               |                      |             | essed or implied,                     |  |  |
| concerning the examinations and corre                                                                     |                                                                                                                                                                                                               |                      |             |                                       |  |  |

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.

1/

Date 1-16-07

Commissions <u>*NCHHHNIABC*</u> National Board, State, Province, and Endorsements

Inspector's Signature

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| $\sim$                                    |                                                       |                               |                                             |                | Work Order Num                         | nber                 | Sheet                                  |                                       |  |  |
|-------------------------------------------|-------------------------------------------------------|-------------------------------|---------------------------------------------|----------------|----------------------------------------|----------------------|----------------------------------------|---------------------------------------|--|--|
| ( )                                       | •                                                     |                               |                                             |                | 016701                                 | 86-04                | 1                                      | of 2                                  |  |  |
| 526 Sou                                   | ower Company<br>th Church Street<br>e, NC 28201-1006  | 2. PI                         | ant<br>Oconee Nu<br>7800 Roch<br>Seneca, SC | nester         | r Hwy                                  |                      | Date                                   | NS - 1<br>7/2006                      |  |  |
| 3. Work Perform                           | ed by                                                 |                               |                                             | T              | Type Code Symt                         |                      | oplicable                              |                                       |  |  |
|                                           | Duke Power Company<br>526 South Church Street         |                               |                                             |                | Authorization Number<br>Not Applicable |                      |                                        |                                       |  |  |
|                                           | te, NC 28201-1006                                     | -<br>)                        |                                             | ╞              | Expiration Date<br>Not Applicable      |                      |                                        |                                       |  |  |
| 4. Identification                         | of System, ASME C                                     |                               | Coolant, ASME                               | Clas           | ss 1                                   | Not A                | phicable                               |                                       |  |  |
| (c) Applicable Se                         | ition Section XI Utilize<br>ction XI Code Case(s      |                               | 19 <u>69</u><br>19 <u>98</u>                | Editi<br>Editi |                                        | _ Addenc<br>_ Addenc |                                        | Code Case                             |  |  |
| 6. Identification<br>Name of<br>Component | Name of<br>Manufacturer                               | Manufacturer<br>Serial Number | National<br>Board No.                       | lc             | Other<br>dentification                 | Year<br>Built        | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |  |  |
| IRC-68 , R18<br>67                        | Consolidated                                          | BL-08889                      | none                                        |                | none                                   | UNK                  | Removed                                | YES                                   |  |  |
| IRC-68 18(8                               | Consolidated                                          | BL-08894                      | none                                        |                | none                                   | UNK                  | Installed                              | YES                                   |  |  |
|                                           |                                                       |                               |                                             |                |                                        |                      |                                        |                                       |  |  |
|                                           |                                                       |                               |                                             |                |                                        |                      |                                        |                                       |  |  |
|                                           |                                                       |                               |                                             |                |                                        |                      |                                        |                                       |  |  |
|                                           |                                                       |                               |                                             |                |                                        |                      |                                        |                                       |  |  |
|                                           |                                                       |                               |                                             |                |                                        |                      |                                        |                                       |  |  |
|                                           |                                                       |                               |                                             |                |                                        |                      |                                        |                                       |  |  |
|                                           |                                                       |                               |                                             |                |                                        |                      |                                        |                                       |  |  |
|                                           | of Work<br>serial number BL-0<br>tested spare, serial |                               |                                             | М сс           | ode testing and                        | repair of            | fseat leak. Re                         | placed                                |  |  |
| 8. Test Conduc                            | <b>—</b> —                                            |                               | Dperating Pressure<br>Test Tem              | -              |                                        | Other                | visual                                 |                                       |  |  |

### Form NIS-2 Owner's Report for Repair/Replacement Activity

As required by the provisions of the ASME Code Section XI

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il.

| As required by the provisions of the Abivits code section At   | ļ                | Work Order Numb                       | er          | Sheet            |
|----------------------------------------------------------------|------------------|---------------------------------------|-------------|------------------|
|                                                                |                  |                                       |             |                  |
| /<br>                                                          |                  | 01670186                              | -04         | 2 of 2           |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attac | ched)            |                                       |             |                  |
|                                                                |                  |                                       | ······      |                  |
| • Replaced existing valve with tested valve form stock. Serial | number BL-088    | 394                                   |             |                  |
| 0                                                              |                  |                                       |             |                  |
|                                                                |                  | ····· =                               |             |                  |
| 0                                                              |                  | ····                                  |             |                  |
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| 0                                                              |                  |                                       |             |                  |
| )                                                              |                  |                                       |             |                  |
| CERTIFICATE                                                    | OF COMPLIAN      | ICE                                   |             |                  |
| I certify that the statements made in the report are cor       | rect and that th | nis conforms to the                   | requiremer  | nts of the       |
| ASME Code, Section XI.                                         |                  |                                       | •           |                  |
| Type Code Symbol Stamp                                         | Not Ap           | oplicable                             |             |                  |
| Certificate of Authorization Number Not Applica                | ble E            | Expiration Date                       | Not Ap      | oplicable        |
| $\leq \cap I$                                                  |                  | Date                                  | 11/17/200   |                  |
| Owner or Owner's Designee, Title                               |                  |                                       | 11/1//200   | 0                |
|                                                                |                  | · · · · · · · · · · · · · · · · · · · |             |                  |
| CERTIFICATE OF II                                              | NSERVICE INSF    | PECTION                               |             |                  |
| I, the undersigned, holding a valid commission issued          | by the Nationa   | al Board of Boiler a                  | nd Pressure | e Vessel         |
| Inspectors and the State or Province of NORTH CARC             |                  | ind employed by                       | H           | SB CT            |
| of Hartford, Connecticut                                       |                  | have inspecte                         | d the compo | onents described |
| in this Owner's Report during the period 1-16-                 |                  |                                       |             | , and state that |
| to the best of my knowledge and belief, the Owner h            |                  |                                       |             | rective measures |
| described in this Owner's Report in accordance with the re     | equirements of   | the ASME Code,                        | Section XI. |                  |

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

| Brout                 | Commissions NC1444 NIABC                          |
|-----------------------|---------------------------------------------------|
| Inspector's Signature | National Board, State, Province, and Endorsements |
|                       |                                                   |
| Date 1-16-07          |                                                   |

|      |                      |                                                                 |                                       |        |                              |       | Work Order Nun                         | nber                 | Sheet                                  |                                       |
|------|----------------------|-----------------------------------------------------------------|---------------------------------------|--------|------------------------------|-------|----------------------------------------|----------------------|----------------------------------------|---------------------------------------|
| ()   |                      |                                                                 |                                       |        |                              |       | 1671                                   | 392                  | 1                                      | of 2                                  |
| 1. ( | Owner                |                                                                 |                                       | 2. Pla | ant                          |       |                                        |                      | Unit                                   |                                       |
|      | Duke Pow             | ver Company                                                     |                                       |        | Oconee N                     | ucle  | ar Station                             |                      |                                        | DNS - 1                               |
|      | 526 South            | Church Street                                                   |                                       |        | 7800 Roc                     | hest  | er Hwy                                 |                      | Date                                   |                                       |
|      | Charlotte,           | NC 28201-1006                                                   |                                       |        | Seneca, S                    | C 2   | 9672                                   |                      | 11                                     | /8/2006                               |
| 3. \ | Work Performed       | d by                                                            |                                       |        |                              |       | Type Code Sym                          |                      |                                        |                                       |
|      |                      | G                                                               |                                       |        |                              |       |                                        | ·                    | oplicable                              |                                       |
|      | 526 South            | ver Company<br>n Church Street                                  |                                       |        |                              |       | Authorization N                        |                      | plicable                               |                                       |
|      | Charlotte            | , NC 28201-1006                                                 | •                                     |        |                              |       | Expiration Date                        | Not Ap               | plicable                               |                                       |
| 4. 1 | Identification of    | System, ASME CI                                                 |                                       | ressur | e Injection, AS              | ME    | Class 1                                |                      |                                        | · · · · · · · · · · · · · · · · · · · |
| (b)  |                      | struction Code:<br>on Section XI Utilize<br>ion XI Code Case(s) |                                       |        | 19 <u>69</u><br>19 <u>98</u> |       | ition, <u>No</u><br>ition, <u>2000</u> | _ Addend<br>_ Addend |                                        | Code Case                             |
| 6.   | Identification of    | Components                                                      |                                       |        |                              |       |                                        |                      |                                        |                                       |
|      | Name of<br>Component | Name of<br>Manufacturer                                         | Manufacto<br>Serial Nun               |        | National<br>Board No.        |       | Other<br>Identification                | Year<br>Built        | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| Val  | ve 1HP-487           | Anchor-Darling                                                  | EZ-496-1                              | 1-1    | 1958                         |       | None                                   | 1996                 | Corrected                              | YES                                   |
|      |                      |                                                                 |                                       |        |                              |       |                                        |                      |                                        |                                       |
|      |                      |                                                                 |                                       |        |                              |       |                                        |                      |                                        |                                       |
|      | ······               |                                                                 |                                       |        |                              |       |                                        |                      |                                        |                                       |
|      |                      |                                                                 |                                       |        |                              |       |                                        |                      |                                        |                                       |
|      |                      |                                                                 |                                       |        |                              |       |                                        |                      |                                        |                                       |
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| 7.   | Description of       | Work                                                            |                                       | l      |                              |       |                                        |                      |                                        | .l                                    |
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| 8.   | Test Conducte        |                                                                 |                                       |        | perating Pressur<br>Test Tem |       |                                        | Other °F             | Visual Leak                            |                                       |

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| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer, Carlow Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Moerral Carlow<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has period                                                                                                                                                                                                                                                                                                                              | Not Applica<br>Not Applica<br>Expira<br>ineer Date<br>//ICE INSPECT<br>National Boa<br>A and en<br>A broom boards<br>International Boards<br>A broom boards<br>International Boards<br>A broom boards<br>International Boards<br>A broom boards<br>International Boards<br>Inter | ble<br>ation Date<br>11/8/2.00<br>ON<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>1-12-0.7<br>hinations and                                                                      | Not A<br>26<br>nd Pressur<br>H<br>the comp<br>taken cor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | pplicable<br>e Vessel<br>ISB CT<br>onents describ<br>, and state th                                                                                 |
| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer, Guider Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Morth Caracing<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has period<br>described in this Owner's Report in accordance with the require<br>By signing this certificate neither the Inspector nor his<br>concerning the examinations and corrective measures described                                                                                                                             | Not Applica         Not Applica         Expira         ineer       Date         VICE INSPECT         and end         bed in this O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | tion Date $1/8/2.00$<br>on<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>7-76-0.7<br>ninations and<br>SME Code, S<br>(es any warrawner's Report                                   | Not A<br>Not A<br>No | pplicable<br>e Vessel<br>ISB CT<br>onents describ<br>_ , and state the<br>rrective measures<br>essed or impli-                                      |
| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer Guilder Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Moerrer Correction<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has period<br>described in this Owner's Report in accordance with the required<br>By signing this certificate neither the Inspector nor his<br>concerning the examinations and corrective measures descri<br>Inspector nor his employer shall be liable in any manner for a<br>kind arising from or connected with this inspection. | Not Applica         Not Applica         Expira         ineer       Date         VICE INSPECT         e National Boa         image: and end         image: and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ble<br>ation Date<br>11/8/2.00<br>on<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>2-12-0.7<br>ninations and<br>ASME Code, S<br>kes any warra<br>wner's Report<br>njury or proper | Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>H<br>the composition<br>taken composition<br>t                                                                                                                                                                                                                                                                                                                                                                       | pplicable<br>e Vessel<br>ISB CT<br>onents describ<br>_ , and state the<br>rrective measures<br>essed or impli-<br>more, neither<br>e or a loss of a |
| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer Curry Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Moerrer Curry Curry<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has per<br>described in this Owner's Report in accordance with the require<br>By signing this certificate neither the Inspector nor his<br>concerning the examinations and corrective measures descri<br>Inspector nor his employer shall be liable in any manner for a<br>kind arising from or connected with this inspection.      | Not Applica         Not Applica         Expira         ineer       Date         VICE INSPECT         e National Boa         image: and end         image: and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ble<br>ation Date<br>11/8/2.00<br>on<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>2-12-0.7<br>ninations and<br>ASME Code, S<br>kes any warra<br>wner's Report<br>njury or proper | Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>H<br>the composition<br>taken composition<br>t                                                                                                                                                                                                                                                                                                                                                                       | pplicable<br>e Vessel<br>ISB CT<br>onents describe<br>_ , and state th<br>rrective measu<br>essed or impli<br>more, neither<br>e or a loss of a     |
| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer Curry Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Moerrer Curry Curry<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has per<br>described in this Owner's Report in accordance with the require<br>By signing this certificate neither the Inspector nor his<br>concerning the examinations and corrective measures descri<br>Inspector nor his employer shall be liable in any manner for a<br>kind arising from or connected with this inspection.      | nd that this co<br>Not Applica<br>Expira<br>ineer Date<br>/ICE INSPECT<br>A National Boa<br>A and en<br>A and en<br>A be<br>rformed exar<br>ments of the A<br>employer ma<br>bed in this O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ble<br>ation Date<br>11/8/2.00<br>on<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>2-12-0.7<br>ninations and<br>ASME Code, S<br>kes any warra<br>wner's Report<br>njury or proper | Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>H<br>the composition<br>taken composition<br>t                                                                                                                                                                                                                                                                                                                                                                       | pplicable<br>e Vessel<br>ISB CT<br>onents describu<br>_ , and state the<br>rrective measu<br>essed or impli<br>more, neither<br>e or a loss of a    |

|                                                                                                               |                                              |                               |                              | Work Order Num                             | nber               | Sheet                                  |                                     |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------|------------------------------|--------------------------------------------|--------------------|----------------------------------------|-------------------------------------|
| )                                                                                                             |                                              |                               |                              | 16679                                      | 1667947-39         |                                        | of 2                                |
| 1. Owner                                                                                                      | · · · · · · · · · · · · · · · · · · ·        | 2. PI                         | ant                          |                                            |                    | Unit                                   | · · · ·                             |
| Duke Pow                                                                                                      | ver Company                                  |                               | Oconee Nu                    | clear Station                              |                    | O                                      | NS - 1                              |
|                                                                                                               | Church Street                                |                               |                              | nester Hwy Date                            |                    |                                        |                                     |
| Charlotte,                                                                                                    | NC 28201-1006                                |                               | Seneca, SC                   | 29672                                      |                    | 12/:                                   | 5/2006                              |
| 3. Work Performed                                                                                             | 1 by                                         | I                             |                              | Type Code Symi                             | ool Stamp          |                                        |                                     |
| o. Work i chonnet                                                                                             | . Uy                                         |                               |                              | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,    |                    | oplicable                              |                                     |
|                                                                                                               | ver Company                                  |                               |                              | Authorization Nu                           |                    |                                        |                                     |
|                                                                                                               | h Church Street                              |                               |                              |                                            | · Not Ap           | oplicable                              |                                     |
| Charlotte,                                                                                                    | , NC 28201-1006                              |                               |                              | Expiration Date                            | Not A <sub>I</sub> | oplicable                              |                                     |
| 4. Identification of                                                                                          | System, ASME CI                              |                               | lant System, AS              | ME Class 1                                 |                    |                                        |                                     |
| (c) Applicable Secti                                                                                          | on Section XI Utilize<br>on XI Code Case(s   |                               | 19 <u>69</u><br>19 <u>98</u> | Edition, <u>No</u><br>Edition, <u>2000</u> | _ Addeno           |                                        | Code Case                           |
| 6. Identification of                                                                                          | Components                                   |                               |                              |                                            |                    |                                        |                                     |
| Name of<br>Component                                                                                          | Name of<br>Manufacturer                      | Manufacturer<br>Serial Number | National<br>Board No.        | Other<br>Identification                    | Year<br>Built      | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stampe<br>(Yes / No |
| Pressurizer<br>Chemical Sample<br>Line                                                                        | DPC                                          | None                          | None                         | None                                       | 1972               | Removed                                | NO                                  |
| Pressurizer<br>Chemical Sample<br>Line (1)                                                                    | DPC                                          | None                          | None                         | None                                       | 2006               | Installed                              | NO                                  |
|                                                                                                               |                                              |                               |                              |                                            |                    |                                        |                                     |
|                                                                                                               |                                              |                               |                              |                                            |                    |                                        |                                     |
|                                                                                                               |                                              |                               |                              |                                            |                    |                                        |                                     |
|                                                                                                               |                                              |                               |                              |                                            |                    |                                        |                                     |
|                                                                                                               |                                              |                               |                              |                                            |                    |                                        |                                     |
| <ol> <li>Description of Market Pressurizer chemic pipe size and IWA</li> <li>Test Conducte Hydrost</li> </ol> | cal sample line w<br>A-4540 this repair<br>d | is exempt from p              |                              | of Alloy 600 in the                        | sample c           | onnection. Ba                          | sed on                              |
|                                                                                                               | Pressure                                     |                               | Test Tem                     |                                            | ∫ Otiler<br>⁰F     |                                        |                                     |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Work Order Number                                                                                                                                                              | Sheet                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1667947-39                                                                                                                                                                     | 2 of 2                                                                                                       |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                |                                                                                                              |
| • 1/2 inch full pipe coupling; ASME SA182 Grade F304; S/C 68005, UTC 90<br>1/2 inch full pipe coupling, ASME SA182 Grade F316, S/C 285604, UTC 1019<br>1/2 inch full pipe coupling, ASME SA182 Grade F316, S/C 285604, UTC 1033                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9310, HT # 7215H-1                                                                                                                                                             |                                                                                                              |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                |                                                                                                              |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                | ·                                                                                                            |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                |                                                                                                              |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                |                                                                                                              |
| <u>6</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                |                                                                                                              |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                |                                                                                                              |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                |                                                                                                              |
| <u>Ø</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                |                                                                                                              |
| <u>@</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                | ·····                                                                                                        |
| )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <u></u>                                                                                                                                                                        |                                                                                                              |
| CERTIFICATE OF COMPLIAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ICE                                                                                                                                                                            |                                                                                                              |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | nis conforms to the requireme                                                                                                                                                  | nts of the                                                                                                   |
| Type Code Symbol Stamp Not A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | pplicable                                                                                                                                                                      |                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Expiration Date Not A                                                                                                                                                          | pplicable                                                                                                    |
| Signed Barly Current Designee, Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Date12/5/200                                                                                                                                                                   | 6                                                                                                            |
| /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                |                                                                                                              |
| CERTIFICATE OF INSERVICE INSI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PECTION                                                                                                                                                                        |                                                                                                              |
| I, the undersigned, holding a valid commission issued by the National<br>Inspectors and the State or Province of <u>North Carolina</u><br>of <u>Hartford, Connecticut</u><br>in this Owner's Report during the period <u>7-27-06</u> to<br>to the best of my knowledge and belief, the Owner has performed<br>described in this Owner's Report in accordance with the requirements of<br>By signing this certificate neither the Inspector nor his employe<br>concerning the examinations and corrective measures described in th<br>Inspector nor his employer shall be liable in any manner for any person<br>kind arising from or connected with this inspection. | And employed by H<br>have inspected the comp<br>o<br>examinations and taken cou<br>t the ASME Code, Section XI.<br>r makes any warranty, expre-<br>his Owner's Report. Further | ISB CT<br>onents described<br>, and state that<br>rective measures<br>essed or implied,<br>more, neither the |
| Inspector's Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | National Board, State, Province, and                                                                                                                                           | d Endorsements                                                                                               |
| Date 1/16/07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                |                                                                                                              |

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| · ·                                                                                                                                          |                                                   |                               |                                 | Work Order Nun                             | nber          | Sheet                                  |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|---------------------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|
| . Cana                                                                                                                                       |                                                   |                               |                                 | 16701                                      | 85-06         | 1                                      | of 2                                  |
| 526 South                                                                                                                                    | ver Company<br>a Church Street<br>, NC 28201-1006 | 2. PI                         |                                 | •                                          |               | Date                                   | NS - 1<br>15-06                       |
| 3. Work Performe                                                                                                                             | d by                                              |                               |                                 | Type Code Sym                              |               | I                                      |                                       |
|                                                                                                                                              | wer Company                                       |                               |                                 | Authorization N                            | -             | oplicable                              |                                       |
|                                                                                                                                              | h Church Street<br>, NC 28201-1006                | )                             |                                 | Expiration Date                            | Not Ap        | oplicable                              |                                       |
|                                                                                                                                              | Contract ACME OF                                  |                               |                                 |                                            | Not Ap        | oplicable                              |                                       |
| 4. Identification of                                                                                                                         | System, ASME CI                                   |                               | lant System, ASI                | ME Class 1                                 |               |                                        | ,                                     |
| <ul> <li>5.</li> <li>(a) Applicable Cons</li> <li>(b) Applicable Editi</li> <li>(c) Applicable Sect</li> <li>6. Identification of</li> </ul> | on Section XI Utilize<br>ion XI Code Case(s       | -                             |                                 | Edition, <u>No</u><br>Edition, <u>2000</u> | Addenc        |                                        | Code Case                             |
| Name of<br>Component                                                                                                                         | Name of<br>Manufacturer                           | Manufacturer<br>Serial Number | National<br>Board No.           | Other<br>Identification                    | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| 1RC-66                                                                                                                                       | Consolidated                                      | BY-93617                      | none                            | none                                       | 2004          | Removed                                | YES                                   |
| <b>1</b> RC-66                                                                                                                               | Consolidated                                      | BL-08903                      | none                            | none                                       | 1969          | Installed                              | NO                                    |
|                                                                                                                                              |                                                   | f                             |                                 |                                            |               |                                        |                                       |
|                                                                                                                                              |                                                   |                               |                                 |                                            |               |                                        |                                       |
|                                                                                                                                              |                                                   |                               |                                 |                                            |               |                                        |                                       |
|                                                                                                                                              |                                                   |                               |                                 |                                            |               |                                        |                                       |
|                                                                                                                                              |                                                   |                               |                                 |                                            |               |                                        |                                       |
|                                                                                                                                              |                                                   |                               |                                 | · · · · · · · · · · · · · · · · · · ·      |               |                                        |                                       |
| 7. Description of<br>Valve serial numl<br>number BL-0890                                                                                     | ber BY-93617, wa                                  | is removed for As             | SME OM Code to                  | esting. Replaced v                         | with teste    | d spare valve,                         | serial                                |
| 8. Test Conducto                                                                                                                             | , <b>1</b>                                        |                               | Operating Pressure<br>Test Temp |                                            | Other °F      | RCS Visual                             |                                       |

As required by the provisions of the ASME Code Section XI

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| emarks (Applicable Manufacturer's Data Reports to be attached)<br>eplaced existing valve with tested spare from stock. Serial number : BL-08903           | 1670185-06                                  |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
|                                                                                                                                                           | 1070105-00                                  | 2 of 2           |
| eplaced existing valve with tested spare from stock. Serial number : BL-08903                                                                             |                                             |                  |
| placed existing valve with tested spare from stock. Serial number : BL-08903                                                                              | ·                                           |                  |
|                                                                                                                                                           |                                             |                  |
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|                                                                                                                                                           |                                             |                  |
|                                                                                                                                                           |                                             |                  |
| CERTIFICATE OF COMPLIANCE                                                                                                                                 |                                             |                  |
| certify that the statements made in the report are correct and that this co<br>E Code, Section XI.                                                        | nforms to the requireme                     | nts of the       |
| Code Symbol Stamp Not Applica                                                                                                                             | ıble                                        |                  |
| ficate of Authorization Number Not Applicable Expire                                                                                                      | ation Date Not A                            | pplicable        |
| ed / Sr. Engineer Date                                                                                                                                    | 11/15/200                                   | )6               |
| Owner or Owner's Designee, Title                                                                                                                          |                                             | <u> </u>         |
|                                                                                                                                                           |                                             |                  |
| CERTIFICATE OF INSERVICE INSPECT                                                                                                                          | ION                                         |                  |
| , the undersigned, holding a valid commission issued by the National Boa                                                                                  |                                             |                  |
| /00/01/ 01/00//01/                                                                                                                                        | mployed by <u>I</u> nave inspected the comp | ISB CT           |
| s Owner's Report during the period //-/6-o6 to                                                                                                            | 1-1/07 ·                                    | , and state that |
| e best of my knowledge and belief, the Owner has performed exar                                                                                           | ninations and taken co                      |                  |
| ribed in this Owner's Report in accordance with the requirements of the <i>i</i><br>By signing this certificate neither the Inspector nor his employer ma |                                             | accod or implied |

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

SUN

Date ノ・//-07

Commissions <u>NCI444 WINKC</u> National Board, State, Province, and Endorsements

Inspector's Signature

| $\sim$           |                                                                     |                                |                               |                                 | Work Ord                                | ler Number            | Sheet                                  |                                       |  |
|------------------|---------------------------------------------------------------------|--------------------------------|-------------------------------|---------------------------------|-----------------------------------------|-----------------------|----------------------------------------|---------------------------------------|--|
| ()               |                                                                     |                                |                               |                                 | 9                                       | 8741777-01            | 10                                     | 1 of 2                                |  |
| Γ                | 1. Owner                                                            |                                | 2. PI                         | ant                             |                                         |                       | Unit                                   |                                       |  |
|                  | Duke Pow                                                            | ver Company                    |                               | Oconee Nu                       | clear Station                           | ı                     | 0                                      | NS - 1                                |  |
|                  |                                                                     | Church Street                  |                               | 7800 Roche                      |                                         |                       | Date                                   |                                       |  |
|                  | Charlotte,                                                          | NC 28201-1006                  |                               | Seneca, SC                      | 29672                                   |                       |                                        | 15/06                                 |  |
| ⊦                | 3. Work Performed                                                   | d by                           |                               |                                 | Type Cod                                | le Symbol Stamp       |                                        |                                       |  |
|                  |                                                                     |                                |                               |                                 | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                       | pplicable                              |                                       |  |
|                  |                                                                     | ver Company<br>1 Church Street |                               |                                 | Authoriz                                | ation Number<br>Not A | pplicable                              |                                       |  |
|                  |                                                                     | , NC 28201-1006                |                               |                                 | Expiratio                               | n Date                |                                        |                                       |  |
| ⊦                | 1. Identification of                                                |                                |                               |                                 |                                         | Not A                 | pplicable                              |                                       |  |
|                  | 4. Identification of                                                | System, ASIVE CI               |                               | lant System, ASN                | AE Class 1                              |                       |                                        | ,                                     |  |
|                  | 5.<br>(a) Applicable Cons                                           | struction Code:                | USAS B31.7                    | 19 69                           | Edition,                                | No Adden              | da, No (                               | Code Case                             |  |
|                  | (b) Applicable Edition                                              |                                | •                             | 19 98                           | Edition,                                | 2000 Adden            | da.                                    |                                       |  |
| L                | <ul><li>(c) Applicable Secti</li><li>6. Identification of</li></ul> | on XI Code Case(s)             | None None                     |                                 |                                         |                       |                                        |                                       |  |
|                  |                                                                     |                                |                               |                                 |                                         | •                     |                                        |                                       |  |
|                  | Name of<br>Component                                                | Name of<br>Manufacturer        | Manufacturer<br>Serial Number | National<br>Board No.           | Other<br>Identifica                     |                       | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |  |
|                  | PORV (RC-66)<br>Spare                                               | Consolidated                   | BL-08903                      | none                            | none                                    | 1978                  | Corrected                              | NO                                    |  |
|                  |                                                                     |                                |                               |                                 |                                         |                       |                                        |                                       |  |
|                  |                                                                     |                                |                               |                                 |                                         |                       |                                        |                                       |  |
| ł                |                                                                     |                                |                               |                                 | , , , , , ,                             |                       |                                        |                                       |  |
| ╞                |                                                                     |                                |                               |                                 |                                         |                       |                                        |                                       |  |
| $\left  \right $ |                                                                     |                                |                               |                                 |                                         |                       |                                        |                                       |  |
|                  |                                                                     |                                |                               |                                 |                                         |                       |                                        |                                       |  |
|                  |                                                                     |                                |                               |                                 |                                         |                       |                                        |                                       |  |
|                  |                                                                     |                                |                               |                                 |                                         |                       |                                        |                                       |  |
|                  |                                                                     |                                |                               |                                 | _                                       |                       |                                        |                                       |  |
| ŀ                | 7. Description of                                                   | Work                           |                               |                                 |                                         | I                     | <u>.</u>                               | · · ·                                 |  |
|                  | Replaced pilot dis<br>pilot disc, stock co<br>pilot spindle, stoc   | ode: 77535, UTC                | #: 972817                     | maintenance and                 | corrective                              | action from PI        | P 05-3015.                             |                                       |  |
|                  | 8. Test Conducte                                                    | ed                             | ic 🗌 Nominal C                | )perating Pressure<br>Test Temp | Exem<br>erature                         | ot Other<br>°F        |                                        |                                       |  |
|                  |                                                                     | ······                         | -~-                           |                                 |                                         |                       |                                        |                                       |  |

Page 4 of 6

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| As required by the provisions of the ASME Code Section Af                                                       | -                    |                                       |                      |
|-----------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------|----------------------|
|                                                                                                                 |                      | Work Order Number                     | Sheet                |
| )                                                                                                               |                      | 98741777-01                           | 2 of 2               |
| 9. Remarks (Applicable Manufacturer's Data Reports to be att                                                    | ached)               |                                       |                      |
| 2. Nelliario (Applicable manufacturer 5 Data Reports to 50 att                                                  | acheuj               |                                       |                      |
|                                                                                                                 | · · · · · · · ·      |                                       |                      |
| • Pilot disc, stock code: 77535, UTC #: 972817, pilot spindle                                                   | e, stock code: 5901  | 21, UTC #: 1087901                    |                      |
|                                                                                                                 |                      |                                       |                      |
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| <u>}</u>                                                                                                        |                      |                                       |                      |
| CERTIFICAT                                                                                                      | E OF COMPLIANC       | E                                     |                      |
| I certify that the statements made in the report are co                                                         | prrect and that this | s conforms to the requiren            | nents of the         |
| ASME Code, Section XI.                                                                                          |                      |                                       |                      |
| Type Code Symbol Stamp                                                                                          | Not App              | licable                               |                      |
| · · · · · · · · · · · · · · · · · · ·                                                                           |                      | meable                                | ······               |
| Certificate of Authorization Number Not Application                                                             | able Ex              | piration Date Not                     | Applicable           |
| Signed Signed                                                                                                   | Sr. Engineer Da      | ite 11/15/2                           | ΩΩ <i>ζ</i>          |
| Owner or Owner's Designee, Title                                                                                |                      |                                       | 000                  |
|                                                                                                                 |                      |                                       |                      |
|                                                                                                                 |                      |                                       |                      |
| CERTIFICATE OF                                                                                                  | INSERVICE INSPE      | CTION                                 |                      |
| I, the undersigned, holding a valid commission issue                                                            | d by the National    | Board of Boiler and Press             | ure Vessel           |
| Inspectors and the State or Province of North Car                                                               | eoLina and           |                                       | HSB CT               |
| of Hartford, Connecticut                                                                                        |                      | have inspected the com                |                      |
| in this Owner's Report during the period 4-25                                                                   | 06 to                | 1-11-07                               | , and state that     |
| to the best of my knowledge and belief, the Owner                                                               | has performed e      | examinations and taken of             | orrective measures   |
| described in this Owner's Report in accordance with the                                                         |                      |                                       |                      |
| By signing this certificate neither the Inspector no                                                            |                      |                                       |                      |
| concerning the examinations and corrective measures<br>Inspector nor his employer shall be liable in any manner |                      |                                       |                      |
| kind arising from or connected with this inspection.                                                            |                      | al lightly of property dame           | Ige of a loss of any |

Trispector's Signature

Commissions <u>*NCIHHININBC*</u> National Board, State, Province, and Endorsements

1011-07 Date

| $\sim$                                |                                                                            |                               |                                | Work Order Nun                             | nber          | Sheet                                  |                                       |
|---------------------------------------|----------------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|
|                                       | 1655856-61                                                                 |                               |                                | 1                                          | of 2          |                                        |                                       |
| 1. Owner                              |                                                                            | 2. PI                         |                                |                                            |               | Unit                                   |                                       |
|                                       |                                                                            |                               |                                |                                            |               | Oi                                     | NS - 1                                |
|                                       | outh Church Street otte, NC 28201-1006                                     |                               | 7800 Roch<br>Seneca, SC        | •                                          |               | Date                                   |                                       |
|                                       |                                                                            |                               | Schela, St                     |                                            |               | 1/22                                   | 2/2007                                |
| 3. Work Perfo                         |                                                                            |                               |                                | Type Code Sym                              |               | oplicable                              |                                       |
|                                       | Power Company                                                              |                               |                                | Authorization N                            |               | 9<br>oplicable                         |                                       |
| Charl                                 | lotte, NC 28201-1006                                                       |                               |                                | Expiration Date                            | Not Aj        | oplicable                              |                                       |
| 4. Identificatio                      | on of System, ASME C                                                       |                               | Coolant, ASME                  | Class 1                                    |               |                                        |                                       |
| (b) Applicable<br>(c) Applicable      | Construction Code:<br>Edition Section XI Utilize<br>Section XI Code Case(s | •                             | 19 <u>69</u><br>19 <u>98</u>   | Edition, <u>No</u><br>Edition, <u>2000</u> | _ Addeno      |                                        | Code Case                             |
| 6. Identificatio                      | on of Components                                                           |                               |                                |                                            |               |                                        |                                       |
| Name of<br>Component                  | Name of<br>t Manufacturer                                                  | Manufacturer<br>Serial Number | National<br>Board No.          | Other<br>Identification                    | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| 1-50-RCPM-<br>H6601                   | DPC                                                                        | NA                            | NA                             | NA                                         | 1975          | Removed                                | NO                                    |
| 1-50-RCPM-<br>H6601                   | DPC                                                                        | NA                            | NA                             | NA                                         | 1975          | Installed                              | NO                                    |
|                                       |                                                                            |                               |                                |                                            |               |                                        |                                       |
|                                       |                                                                            |                               |                                |                                            |               |                                        |                                       |
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| 7. Description                        | n of Work                                                                  | I                             |                                | l                                          | 1             | L                                      | L                                     |
| Hanger 1-50-                          | RCPM-H6601 was te<br>RCP motor change-o                                    |                               | d and reinstalled              | l at its original loca                     | ation per-    | the original ha                        | nger                                  |
| 8. Test Cond                          | lucted<br>drostatic Pneuma<br>Pressure                                     |                               | Dperating Pressure<br>Test Tem |                                            | ] Other<br>°F | ······································ | · · · · ·                             |
|                                       | x + 0350110                                                                | 101                           | 1050 1011                      |                                            | <b>*</b>      |                                        |                                       |

| ,                                                              |                                    | Work Order Number                     | Sheet                     |
|----------------------------------------------------------------|------------------------------------|---------------------------------------|---------------------------|
| }                                                              |                                    | 1655856-6                             | 1 2 of 2                  |
| 9. Remarks (Applicable Manufacturer's Data                     | Reports to be attached)            |                                       |                           |
| <b>0</b> Based on engineering evaluation, the choi             | ice was given to gither use a 5/16 | anter nin (as original                | v designed) or a 2/8" all |
| threaded, double nuted rod. Hanger was reins                   |                                    |                                       |                           |
| evaluation indicated that thickness for item N                 |                                    |                                       |                           |
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| ₩                                                              |                                    |                                       |                           |
|                                                                |                                    |                                       |                           |
|                                                                |                                    |                                       | ·····                     |
|                                                                | CERTIFICATE OF COMPLIA             | ANCE                                  |                           |
| I certify that the statements made in t ASME Code, Section XI. | he report are correct and that     | this conforms to the r                | equirements of the        |
| Type Code Symbol Stamp                                         | Not                                | Applicable                            |                           |
| Certificate of Authorization Number                            |                                    | Expiration Date                       | Not Applicable            |

| Signed | Abe A. Lotfi                     | Engineer | Date | 1/22/2007 |   |
|--------|----------------------------------|----------|------|-----------|---|
|        | Owner or Owner's Designee, Title |          | -    |           | - |
|        |                                  |          |      |           |   |

| CERTIFIC                                                                                                                                                                                                                                                                                                          | ATE OF INSERVIO                                                             | CE INSPECT                                | NON                                                     |                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------|
| I, the undersigned, holding a valid commissio                                                                                                                                                                                                                                                                     |                                                                             | National Bo                               | ard of Boiler and F                                     | <sup>o</sup> ressure Vessel                                      |
| Inspectors and the State or Province of North                                                                                                                                                                                                                                                                     | COROLINA                                                                    | and e                                     | employed by                                             | HSB CT                                                           |
| of Hartford, Connecticu                                                                                                                                                                                                                                                                                           | ıt                                                                          |                                           | have inspected the                                      | e components described                                           |
| in this Owner's Report during the period                                                                                                                                                                                                                                                                          | 10-6-06                                                                     | to                                        | 1-23-07                                                 | , and state that                                                 |
| to the best of my knowledge and belief, the of<br>described in this Owner's Report in accordance w<br>By signing this certificate neither the Inspe-<br>concerning the examinations and corrective me<br>Inspector nor his employer shall be liable in any<br>kind arising from or connected with this inspection | vith the requirem<br>ector nor his er<br>easures describe<br>manner for any | ents of the<br>nployer ma<br>ed in this ( | ASME Code, Sect<br>akes any warranty<br>Owner's Report. | tion XI.<br>y, expressed or implied,<br>Furthermore, neither the |
| Inspector's Signature                                                                                                                                                                                                                                                                                             | Commissions                                                                 |                                           |                                                         | vince, and Endorsements                                          |
| Date J-23-07                                                                                                                                                                                                                                                                                                      | , <sup>1</sup> , ,                                                          | ······ Natio                              | onal-Board, State, Prov                                 | vince, and Endorsements                                          |

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|                                              |                                                   |                               |                                 | Work Order Nun                             | nber          | Sheet                                  |                                       |
|----------------------------------------------|---------------------------------------------------|-------------------------------|---------------------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|
|                                              |                                                   |                               |                                 | 1711                                       | 1693          | 1                                      | of 3                                  |
| 526 South                                    | wer Company<br>h Church Street<br>, NC 28201-1006 | 2. PI                         | Oconee Nu                       | aclear Station<br>tester Hwy<br>C 29672    |               | Date                                   | NS - 1<br>4/2006                      |
| 3. Work Performe                             | d by                                              | L                             |                                 | Type Code Sym                              |               |                                        |                                       |
|                                              | wer Company                                       |                               |                                 | Authorization N                            |               | pplicable                              |                                       |
| 526 Sout                                     | h Church Street                                   |                               |                                 |                                            | Not Aj        | pplicable                              |                                       |
| Charlotte                                    | e, NC 28201-1006                                  | )                             |                                 | Expiration Date                            |               | pplicable                              |                                       |
| 4. Identification o                          | f System, ASME CI                                 |                               | re Injection, ASN               | ME Class 1                                 |               |                                        |                                       |
| ., .,                                        | ion Section XI Utilize<br>tion XI Code Case(s)    | -                             | 19 <u>69</u><br>19 <u>98</u>    | Edition, <u>No</u><br>Edition, <u>2000</u> | Addend        |                                        | Code Case                             |
| 6. Identification of<br>Name of<br>Component | Name of<br>Manufacturer                           | Manufacturer<br>Serial Number | National<br>Board No.           | Other<br>Identification                    | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| ) <sub>1 LP VA 0166</sub>                    | Flowserve                                         | 31BEZ                         | 1623                            | UTC 1092964                                | 2006          | Installed                              | YES                                   |
| 1 LP VA 0168                                 | Flowserve                                         | 31BGC                         | 1661                            | UTC 1820912                                | 2006          | Installed                              | YES                                   |
| 1"Piping                                     | DPCo.                                             | none                          | none                            | none                                       | 2006          | Installed                              | NO                                    |
| 1 LP VA 0166                                 | unk                                               | unk                           | unk                             | unk                                        | unk           | Removed                                | NO                                    |
| 1 LP VA 0168                                 | unk                                               | unk                           | unk                             | unk                                        | unk           | Removed                                | NO                                    |
| Support 1-53-<br>479D-H6662                  | none                                              | none                          | none                            | none                                       | unk           | Removed                                | NO                                    |
| Support 1-53-<br>479D-H6663                  | none                                              | none                          | none                            | none                                       | unk           | Removed                                | NO                                    |
| Support 1-53-<br>479D-H6664                  | none                                              | none                          | none                            | none                                       | unk           | Removed                                | NO                                    |
| Support 1-53-<br>479D-H6665                  | none                                              | none                          | none                            | none                                       | unk           | Removed                                | NO                                    |
| 8. Test Conducto                             | alves 1LP-166, 16                                 |                               |                                 | s 1-53-479D-H666                           |               | 6666 were rem                          | oved.                                 |
| Hydros                                       |                                                   | ic 🛛 Nominal C<br>PSI         | Dperating Pressure<br>Test Temp |                                            | Other °F      |                                        |                                       |

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|            |                                        |                                        |                                       |                       | Work Order N                 | umber         | Sheet                                  |           |
|------------|----------------------------------------|----------------------------------------|---------------------------------------|-----------------------|------------------------------|---------------|----------------------------------------|-----------|
| $\bigcirc$ | _                                      |                                        | <u> </u>                              |                       | 17                           | 11693         |                                        | 2 of 3    |
| 1          | 1. Owner                               |                                        | 2.                                    | Plant                 |                              |               | Unit                                   |           |
|            |                                        | Power Company                          |                                       |                       | Nuclear Station              |               |                                        | ONS - 1   |
|            |                                        | outh Church Street                     |                                       |                       | chester Hwy<br>SC 29672      |               | Date                                   |           |
|            |                                        |                                        |                                       | Selleca,              |                              |               |                                        | 2/4/2006  |
|            | 3. Work Perfor                         | med by                                 |                                       |                       | Type Code Sy                 |               | <b>ip</b><br>Applicable                |           |
|            |                                        | Power Company                          |                                       |                       | Authorization                | Number        |                                        |           |
|            |                                        | outh Church Stree                      |                                       |                       |                              |               | Applicable                             |           |
|            | Charle                                 | otte, NC 28201-10                      | 000                                   |                       | Expiration Da                |               | Applicable                             |           |
|            | 4. Identification                      | n of System, ASME                      |                                       | sure Injection, A     | SME Class 1                  |               |                                        |           |
|            | 5.                                     |                                        | 110 4 0 12 1 7                        | 10 (0                 |                              |               |                                        |           |
|            |                                        | Construction Code:                     | USAS B31.7<br>ilized For R/R Activit  |                       | Edition, No<br>Edition, 2000 | Adde<br>Adde  |                                        | Code Case |
|            | (c) Applicable S                       | ection XI Code Cas                     |                                       |                       |                              |               |                                        |           |
|            | 6. Identification                      | n of Components                        |                                       |                       |                              |               |                                        |           |
|            | Name of<br>Component                   | Name of<br>Manufacturer                | Manufacturer<br>Serial Number         | National<br>Board No. | Other<br>Identification      | Year<br>Built | Corrected,<br>Removed,<br>or Installec | Code      |
|            | Support 1-53-<br>479D-H6666            | none                                   | none                                  | none                  | none                         | unk           | Removed                                | NO        |
|            |                                        |                                        |                                       |                       |                              |               |                                        |           |
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|            | · · · · · · · · · · · · · · · · · · ·  |                                        |                                       |                       |                              |               |                                        |           |
|            |                                        |                                        |                                       |                       |                              |               |                                        |           |
|            |                                        |                                        |                                       |                       |                              |               |                                        |           |

|                                       |                                                                             |                                                                | Work Order Number                     | Sheet                                  |
|---------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|----------------------------------------|
| $\bigcirc$                            |                                                                             |                                                                | 1711693                               | 3 of 3                                 |
| 9. Remarks                            | (Applicable Manufacturer's Data                                             | Reports to be attached)                                        | · · · · · · · · · · · · · · · · · · · |                                        |
| · · · · · · · · · · · · · · · · · · · | ··········                                                                  | <u></u>                                                        |                                       |                                        |
| • Replaced                            | 1/2" valves and piping (1LP-166                                             | 5 and 1LP-168) with 1" valves and                              | l piping.                             |                                        |
| <b>2</b> Removed                      | five (5), Supports 1-53-479D-H                                              | 6662 thru 1-53-479D-H6666.                                     |                                       |                                        |
| 6                                     |                                                                             |                                                                |                                       |                                        |
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| <u> </u>                              | ······································                                      |                                                                |                                       |                                        |
| 1                                     |                                                                             | CERTIFICATE OF COMPLIAN                                        | ICE                                   |                                        |
|                                       | that the statements made in th<br>e, Section XI.                            | ne report are correct and that th                              | nis conforms to the requireme         | nts of the                             |
| Type Code                             | Symbol Stamp                                                                | Not Ap                                                         | oplicable                             |                                        |
| Certificate o                         | f Authorization Number                                                      | Not Applicable                                                 | Expiration Date Not A                 | pplicable                              |
| Signed                                | in Brodehour, TECHN                                                         | DICAL SPECIALIST I                                             | Date 12/4/06                          |                                        |
|                                       | Owner or Owner's Designe                                                    | e, Title                                                       | 1 1                                   |                                        |
| r                                     |                                                                             |                                                                |                                       | ·                                      |
|                                       |                                                                             | RTIFICATE OF INSERVICE INSF                                    |                                       |                                        |
|                                       | dersigned, holding a valid con ind the State or Province of $\underline{A}$ | nmission issued by the Nationa                                 |                                       | e vessel<br>SB CT                      |
| of                                    | Hartford, Cor                                                               | nnecticut                                                      | have inspected the comp               |                                        |
| to the best                           | of my knowledge and belie                                                   | f, the Owner has performed                                     | examinations and taken cor            | _ , and state that<br>rective measures |
|                                       | •                                                                           | dance with the requirements of<br>e Inspector nor his employer | •                                     | essed or implied.                      |
| concerning                            | the examinations and correc                                                 | tive measures described in the in any manner for any perso     | nis Owner's Report. Further           | more, neither the                      |
|                                       | from or connected with this ins                                             |                                                                | natingury of property damage          | o a loss of ally                       |
| 1 de                                  | Sauch                                                                       | Commissions                                                    | 444 NIABC .                           |                                        |
|                                       | Inspector's Signature                                                       |                                                                | National Board, State, Province, and  | I Endorsements                         |
| Date                                  | -23-07                                                                      |                                                                |                                       |                                        |
|                                       |                                                                             |                                                                |                                       |                                        |

|                         |                                            |                                                               |                               |                       | Work Order N                               | lumber        | Sheet                                  |                                       |
|-------------------------|--------------------------------------------|---------------------------------------------------------------|-------------------------------|-----------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|
| $\langle \cdot \rangle$ | )                                          |                                                               |                               |                       | 165                                        | 9472-35       | . 1                                    | of 2                                  |
| [                       | 1. Owner                                   | · · · · · · · · · · · · · · · · · · ·                         | 2. P                          | lant                  |                                            |               | Unit                                   |                                       |
|                         | Duke Pow                                   | er Company                                                    |                               | Oconee Nu             | clear Station                              |               | O                                      | NS - 1                                |
|                         |                                            | Church Street                                                 |                               | 7800 Roche            |                                            |               | Date                                   |                                       |
|                         |                                            | NC 28201-1006                                                 |                               | Seneca, SC            | -                                          |               |                                        | 3/2007                                |
|                         | 3. Work Performed                          | i by                                                          |                               |                       | Type Code Sy                               |               | pplicable                              |                                       |
|                         |                                            | ver Company<br>h Church Street                                |                               |                       | Authorization                              |               | pplicable                              |                                       |
|                         |                                            | , NC 28201-1006                                               | ,                             |                       | Expiration Da                              | ite           | pplicable                              |                                       |
|                         | 4. Identification of                       | System ASME CI                                                | 225                           |                       |                                            | NOL A         | ppilcable                              |                                       |
|                         | 4. Identification of                       | System, ASME CI                                               |                               | olant System, ASN     | AE Class 1                                 |               |                                        |                                       |
|                         |                                            | struction Code:<br>on Section XI Utilize<br>on XI Code Case(s |                               |                       | Edition, <u>No</u><br>Edition, <u>2000</u> |               |                                        | Code Case                             |
|                         | 6. Identification of                       | Components                                                    |                               |                       |                                            |               |                                        | -                                     |
|                         | Name of<br>Component                       | Name of<br>Manufacturer                                       | Manufacturer<br>Serial Number | National<br>Board No. | Other<br>Identification                    | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| `-                      | Pressurizer<br>Sample Piping               | DPC                                                           | None                          | None                  | None                                       | 1997          | Removed                                | NO                                    |
|                         | Pressurizer<br>Sample Piping (1)           | DPC                                                           | None                          | None                  | None                                       | 2006          | Installed                              | NO                                    |
|                         |                                            |                                                               |                               |                       |                                            |               |                                        |                                       |
|                         |                                            |                                                               |                               |                       |                                            |               |                                        |                                       |
|                         |                                            |                                                               |                               |                       |                                            |               |                                        |                                       |
|                         |                                            |                                                               |                               |                       |                                            |               |                                        |                                       |
|                         |                                            |                                                               |                               |                       |                                            |               |                                        |                                       |
|                         |                                            |                                                               |                               |                       | <u> </u>                                   |               |                                        |                                       |
|                         |                                            |                                                               |                               |                       |                                            |               |                                        |                                       |
|                         | 7. Description of                          | l                                                             | 1                             | 11                    |                                            | l             | <u>L</u>                               | I                                     |
| ŕ                       | Pipe was cut to aid<br>and fillet welds ra | d in the replaceme                                            |                               |                       | pipe was put b                             | ack togethe   | r with a full co                       | upling                                |
| .,<br>•<br>•<br>•       | 8. Test Conducte                           |                                                               |                               | Operating Pressure    | Exempt                                     | Other         |                                        |                                       |
|                         | nyarost                                    | Pressure                                                      |                               | Test Temp             |                                            | °F            |                                        |                                       |

 $\left( \right)$ 

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Work Order Number                                                                                                                                                                                                                                                                                                                                            | Sheet                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1659472-35                                                                                                                                                                                                                                                                                                                                                   | 2 of 2 <sup>-</sup>                                                                                                                           |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
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| 1 inch Pipe Full Coupling; ASME SA182, F316; 6000# Class; S/C 593428,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | UTC 1820276, Heat # JCU                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                               |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| <b>8</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| <u>0</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| <b>O</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
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| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| $\mathbf{O}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| 2 <b>(</b> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| <b>O</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | •                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                               |
| <u>)</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| CERTIFICATE OF COMPLIAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                              | nts of the                                                                                                                                    |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                              | nts of the                                                                                                                                    |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | his conforms to the requireme                                                                                                                                                                                                                                                                                                                                |                                                                                                                                               |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not A Certificate of Authorization Number Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | his conforms to the requireme pplicable Expiration DateNot A                                                                                                                                                                                                                                                                                                 | pplicable                                                                                                                                     |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not A Certificate of Authorization Number Not Applicable Signed Signed Senior Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | his conforms to the requireme                                                                                                                                                                                                                                                                                                                                | pplicable                                                                                                                                     |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not A Certificate of Authorization Number Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | his conforms to the requireme pplicable Expiration DateNot A                                                                                                                                                                                                                                                                                                 | pplicable                                                                                                                                     |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not A Certificate of Authorization Number Not Applicable Signed Signed Owner or Owner's Designec, Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u>                                                                                                                                                                                                                                                           | pplicable                                                                                                                                     |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not A Certificate of Authorization Number Not Applicable Signed Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSERVI | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u>                                                                                                                                                                                                                                                           | pplicable7                                                                                                                                    |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp Not A  Certificate of Authorization Number Not Applicable  Signed Signed Certificate of Authorization Senior Engineer I  Certificate of Not Applicable Senior Engineer I  Signed Not Applicable Senior Engineer I  Certificate of Not Applicable Senior Engineer I  Signed Not Applicable Senior Engineer I  Senior Eng | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u><br>PECTION<br>al Board of Boiler and Pressur                                                                                                                                                                                                              | pplicable7                                                                                                                                    |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp Not A  Certificate of Authorization Number Not Applicable  Signed To M, Cury Senior Engineer I  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE  | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u><br>PECTION<br>al Board of Boiler and Pressur<br>and employed by <u>H</u><br>have inspected the comp                                                                                                                                                       | pplicable<br>7<br>e Vessel<br>ISB CT<br>onents described                                                                                      |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not A Certificate of Authorization Number Not Applicable Signed Tartw, Curry Senior Engineer I Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INS I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of Maerry Curry Correction of Hartford, Connecticut in this Owner's Report during the period 10 - 8-0C to 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u><br>PECTION<br>al Board of Boiler and Pressur<br>and employed by <u>H</u><br>have inspected the comp<br>0 1-23-07                                                                                                                                          | pplicable<br>7<br>e Vessel<br>ISB CT<br>onents described<br>, and state that                                                                  |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp Not A  Certificate of Authorization Number Not Applicable  Signed Signed Control State of Province of Senior Engineer I  I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of Noerth Control State of Hartford, Connecticut  in this Owner's Report during the period 10-8-0C to the best of my knowledge and belief, the Owner has performed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u><br>PECTION<br>al Board of Boiler and Pressur<br>and employed by <u>H</u><br>have inspected the comp<br>0 <u>1-23-07</u><br>examinations and taken com                                                                                                     | pplicable<br>7<br>e Vessel<br>ISB CT<br>onents described<br>, and state that                                                                  |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp Not A  Certificate of Authorization Number Not Applicable  Signed Content of Authorization Number Senior Engineer I  CERTIFICATE OF INSERVICE INS | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u><br>PECTION<br>al Board of Boiler and Pressur<br>and employed by <u>H</u><br>have inspected the comp<br>o <u>1-23-07</u><br>examinations and taken conf<br>f the ASME Code, Section XI.                                                                    | pplicable7<br>7<br>e Vessel<br>ISB CT<br>onents described<br>, and state that<br>rrective measures                                            |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.          Type Code Symbol Stamp       Not A         Certificate of Authorization Number       Not Applicable         Signed       Image: Comparison of the state of Authorization Number is Designec, Title         CERTIFICATE OF INSERVICE INS         I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of Moert Content in this Owner's Report during the period         I to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements or By signing this certificate neither the Inspector nor his employed concerning the examinations and corrective measures described in the state or to be a state of the tot of the best of my knowledge and belief.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u><br>PECTION<br>al Board of Boiler and Pressur<br>and employed by <u>H</u><br>have inspected the comp<br>o <u>1-23-07</u><br>examinations and taken conf<br>f the ASME Code, Section XI.<br>r makes any warranty, expr<br>his Owner's Report. Further       | pplicable<br>7<br>e Vessel<br>ISB CT<br>onents described<br>_ , and state that<br>rrective measures<br>essed or implied,<br>more, neither the |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp Not A  Certificate of Authorization Number Senior Engineer Signed Art Control Senior Engineer  Signed Certificate of Authorization Number Senior Engineer  CERTIFICATE OF INSERVICE INSER | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u><br>PECTION<br>al Board of Boiler and Pressur<br>and employed by <u>H</u><br>have inspected the comp<br>o <u>1-23-07</u><br>examinations and taken conf<br>f the ASME Code, Section XI.<br>r makes any warranty, expr<br>his Owner's Report. Further       | pplicable<br>7<br>e Vessel<br>ISB CT<br>onents described<br>_ , and state that<br>rrective measures<br>essed or implied,<br>more, neither the |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp Not A  Certificate of Authorization Number Not Applicable  Signed Tar. M. Cury Senior Engineer I  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSERVIC | his conforms to the requireme<br>pplicable<br>Expiration Date Not A<br>Date 1/23/200<br>PECTION<br>al Board of Boiler and Pressur<br>and employed by H<br>have inspected the comp<br>0 1 -23 - 27<br>examinations and taken conf<br>the ASME Code, Section XI.<br>r makes any warranty, expr<br>his Owner's Report. Further<br>onal injury or property damag | pplicable<br>7<br>7<br>e Vessel<br>ISB CT<br>onents described<br>                                                                             |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp Not A  Certificate of Authorization Number Not Applicable  Signed Tar. M. Cury Senior Engineer I  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSERVIC | his conforms to the requireme<br>pplicable<br>Expiration Date <u>Not A</u><br>Date <u>1/23/200</u><br>PECTION<br>al Board of Boiler and Pressur<br>and employed by <u>H</u><br>have inspected the comp<br>o <u>1-23-07</u><br>examinations and taken conf<br>f the ASME Code, Section XI.<br>r makes any warranty, expr<br>his Owner's Report. Further       | pplicable<br>7<br>7<br>e Vessel<br>ISB CT<br>onents described<br>                                                                             |

Date 1-23-07

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|    |                                                                                                                     |                                            |                                         |                                 |      | Work Order Num                       | iber                 | Sheet                                  |                                       |
|----|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------|---------------------------------|------|--------------------------------------|----------------------|----------------------------------------|---------------------------------------|
| () |                                                                                                                     |                                            |                                         |                                 |      | 1719                                 | 005                  | 1                                      | of 2                                  |
| ſ  | 1. Owner                                                                                                            |                                            | 2. P                                    | lant                            |      |                                      |                      | Unit                                   |                                       |
|    |                                                                                                                     | er Company                                 |                                         | Oconee Nu                       |      |                                      |                      | 0                                      | NS - 1                                |
|    |                                                                                                                     | Church Street                              |                                         | 7800 Roche                      |      | -                                    |                      | Date                                   |                                       |
|    | Charlotte,                                                                                                          | NC 28201-1006                              |                                         | Seneca, SC                      | : 29 | 9672                                 |                      | 11/2                                   | 16/2006                               |
|    | 3. Work Performed                                                                                                   | -                                          |                                         |                                 |      | Type Code Symb                       |                      | oplicable                              |                                       |
|    | 526 South                                                                                                           | ver Company<br>Church Street               |                                         |                                 |      | Authorization Nu                     |                      | oplicable                              |                                       |
|    |                                                                                                                     | NC 28201-1006                              |                                         |                                 |      | Expiration Date                      | Not Ap               | oplicable                              |                                       |
|    | 4. Identification of                                                                                                | System, ASME CI                            |                                         | ire Injection, ASN              | ИE   | Class 1                              |                      |                                        |                                       |
|    | <ul> <li>5.</li> <li>(a) Applicable Cons</li> <li>(b) Applicable Edition</li> <li>(c) Applicable Section</li> </ul> | on Section XI Utilize<br>on XI Code Case(s | -                                       |                                 |      | tion, <u>No</u><br>tion, <u>2000</u> | _ Addenc<br>_ Addenc |                                        | Code Case                             |
|    | 6. Identification of                                                                                                |                                            |                                         |                                 |      |                                      |                      |                                        |                                       |
|    | Name of<br>Component                                                                                                | Name of<br>Manufacturer                    | Manufacturer<br>Serial Number           | National<br>Board No.           |      | Other<br>dentification               | Year<br>Built        | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
|    | Orifice Flange<br>(Piping)                                                                                          | DPC                                        | None                                    | None                            |      | UNK                                  | 1972                 | Corrected                              | NO                                    |
|    |                                                                                                                     |                                            |                                         |                                 |      |                                      |                      |                                        |                                       |
|    |                                                                                                                     |                                            |                                         |                                 |      |                                      |                      |                                        |                                       |
|    |                                                                                                                     |                                            |                                         |                                 |      |                                      |                      |                                        |                                       |
|    | · · ·                                                                                                               |                                            | - · · · · · · · · · · · · · · · · · · · |                                 |      |                                      |                      |                                        |                                       |
|    |                                                                                                                     |                                            |                                         |                                 |      |                                      |                      |                                        |                                       |
|    |                                                                                                                     |                                            |                                         |                                 |      |                                      |                      |                                        |                                       |
|    | · · · · · · · · · · · · · · · · · · ·                                                                               |                                            |                                         | -                               |      |                                      |                      |                                        |                                       |
|    |                                                                                                                     |                                            |                                         |                                 |      |                                      |                      |                                        |                                       |
|    | 7. Description of                                                                                                   | Work                                       |                                         |                                 |      |                                      |                      |                                        |                                       |
|    | Replaced undersiz<br>1HP-326.                                                                                       |                                            | vith correct size l                     | oolts. No failure h             | had  | occur. This or                       | ifice flan           | ge up stream o                         | of valve                              |
| )  | 8. Test Conducte                                                                                                    | _                                          |                                         | Operating Pressure<br>Test Temp |      | Exempt                               | ] Other<br>°F        |                                        |                                       |
|    |                                                                                                                     |                                            | ······································  |                                 |      |                                      |                      |                                        |                                       |

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| As required by the provisions of the ASIME Code Section XI                                                                                                     | Work Order Number                                                                                                                                                               | Sheet                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                | 1719005                                                                                                                                                                         | 2 of 2                                                                                                                           |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                             |                                                                                                                                                                                 |                                                                                                                                  |
| <ul> <li>1 inch - 8UNC Heavy Hex. Nuts; SA194 Grade 2H; S/C 131798, UTC # 10<br/>1 inch - 8UNC Threaded Rod; SA193 Grade B7; S/C 297415, UTC # 1079</li> </ul> |                                                                                                                                                                                 |                                                                                                                                  |
| 0                                                                                                                                                              |                                                                                                                                                                                 | ······                                                                                                                           |
| 0                                                                                                                                                              |                                                                                                                                                                                 |                                                                                                                                  |
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| 6                                                                                                                                                              |                                                                                                                                                                                 |                                                                                                                                  |
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| 9                                                                                                                                                              |                                                                                                                                                                                 |                                                                                                                                  |
| 8                                                                                                                                                              |                                                                                                                                                                                 |                                                                                                                                  |
| 9                                                                                                                                                              |                                                                                                                                                                                 |                                                                                                                                  |
|                                                                                                                                                                |                                                                                                                                                                                 |                                                                                                                                  |
| <u></u>                                                                                                                                                        |                                                                                                                                                                                 |                                                                                                                                  |
| I certify that the statements made in the report are correct and that ASME Code, Section XI. Type Code Symbol Stamp Not A                                      | this conforms to the require                                                                                                                                                    | ements of the                                                                                                                    |
| Certificate of Authorization Number Not Applicable                                                                                                             | Expiration DateN                                                                                                                                                                | ot Applicable                                                                                                                    |
| Signed <u>Senior Engineer</u><br>Owner or Owner's Posighee, Title                                                                                              | Date11/16                                                                                                                                                                       | /2006                                                                                                                            |
|                                                                                                                                                                |                                                                                                                                                                                 |                                                                                                                                  |
|                                                                                                                                                                | SPECTION                                                                                                                                                                        |                                                                                                                                  |
| of Hartford, Connecticut                                                                                                                                       | and employed by<br>have inspected the co<br>to <u>/-//-o 7</u><br>d examinations and taken<br>of the ASME Code, Section<br>er makes any warranty, e<br>this Owner's Report. Fur | HSB CT<br>omponents described<br>, and state that<br>corrective measures<br>XI.<br>expressed or implied<br>thermore, neither the |
| kind arising from or connected with this inspection.                                                                                                           |                                                                                                                                                                                 |                                                                                                                                  |
| kind arising from or connected with this inspection.                                                                                                           | National Board, State, Provinc                                                                                                                                                  | e, and Endorsements                                                                                                              |

|                                           |                                                                      |                               |                                              |      | work Order Nun                         | nber          | Sneet                                  |                                       |
|-------------------------------------------|----------------------------------------------------------------------|-------------------------------|----------------------------------------------|------|----------------------------------------|---------------|----------------------------------------|---------------------------------------|
|                                           |                                                                      | <u></u>                       |                                              |      | 0164                                   | 7908          | 1                                      | of 2                                  |
| 526 Sou                                   | ower Company<br>th Church Street<br>e, NC 28201-1006                 |                               | Plant<br>Oconee N<br>7800 Roch<br>Seneca, So | nest | er Hwy                                 |               | Date                                   | PNS - 1<br>27/2006                    |
| 3. Work Perform                           | ed by                                                                |                               |                                              |      | Type Code Sym                          |               | oplicable                              |                                       |
|                                           | ower Company                                                         |                               |                                              |      | Authorization N                        | umber         |                                        |                                       |
| 1                                         | th Church Street<br>e, NC 28201-1006                                 | Ĵ                             |                                              |      | Expiration Date                        | Not Aj        | oplicable                              | <u>.</u>                              |
| 4. Identification                         | of System, ASME C                                                    | ass                           |                                              |      | <u>/ ,</u>                             | Not Aj        | oplicable                              |                                       |
|                                           | 1                                                                    | REACTOR COOLANT               | (50), ASME Class                             |      | pm 11/29/06                            |               |                                        |                                       |
| (c) Applicable Se                         | nstruction Code:<br>ition Section XI Utilize<br>ction XI Code Case(s | USAS B31.<br>ed For R/R Activ | 1 19 67                                      | Edi  | ition, <u>No</u><br>ition, <u>ZOOC</u> | Addenc        |                                        | Code Case                             |
| 6. Identification<br>Name of<br>Component | of Components<br>Name of<br>Manufacturer                             | Manufacture<br>Serial Numbe   |                                              |      | Other<br>Identification                | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| Support<br>1-50-0-66A-<br>RCPM-S9         | DPCo.<br>27/66                                                       | None                          | None                                         |      | None                                   | UNK           | Corrected                              | NO                                    |
|                                           |                                                                      |                               |                                              |      |                                        |               |                                        |                                       |
|                                           |                                                                      |                               |                                              |      |                                        |               |                                        |                                       |
|                                           |                                                                      |                               |                                              |      |                                        |               |                                        |                                       |
|                                           |                                                                      |                               |                                              |      | ·                                      |               |                                        |                                       |
| 7. Description o<br>OE100639, add         | sway strut size 3 pe                                                 | er sketch 1-50-               | 0-66A-RCPM-S9 i                              | nclı | uded with desig                        | n change      | package.                               | - <b>I</b>                            |
| 8. Test Conduc                            |                                                                      |                               | al Operating Pressure<br>Test Tem            |      | <b>JRM 1/19/06</b><br>X Exempt<br>ture | ] Other<br>°F |                                        |                                       |

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|                                                                                                                                             | Work Order Number                      | Sheet                |
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| )                                                                                                                                           | 01647908                               | 2 of 2               |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                          |                                        |                      |
|                                                                                                                                             |                                        |                      |
| • Support 1-50-0-66A-RCPM-S9, add sway strut size 3, Fig. 640 as shown.                                                                     |                                        | ·······              |
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| ·                                                                                                                                           |                                        |                      |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.<br>Type Code Symbol StampNot A            | this conforms to the require           | ments of the         |
|                                                                                                                                             |                                        | t Applicable         |
|                                                                                                                                             | Expiration Date No                     |                      |
| Signed John R. McLean, Och N. MELow, SENION ENGINEER<br>Owner or Swner's Designee, Title                                                    | Date <u>11/29/06</u>                   |                      |
|                                                                                                                                             |                                        |                      |
| CERTIFICATE OF INSERVICE INS                                                                                                                |                                        |                      |
| I, the undersigned, holding a valid commission issued by the Nation                                                                         |                                        | sure Vessel          |
| Inspectors and the State or Province of                                                                                                     | and employed by                        | HSB CT               |
| of Hartford, Connecticut<br>in this Owner's Report during the period 5//8/06 t                                                              | have inspected the co<br>to $12/1/04$  |                      |
| to the best of my knowledge and belief, the Owner has performed                                                                             | examinations and taken                 | corrective measures  |
| described in this Owner's Report in accordance with the requirements o<br>By signing this certificate neither the Inspector nor his employe |                                        |                      |
|                                                                                                                                             |                                        |                      |
| concerning the examinations and corrective measures described in t                                                                          |                                        |                      |
| Inspector nor his employer shall be liable in any manner for any perso                                                                      |                                        |                      |
| Inspector nor his employer shall be liable in any manner for any personal kind arising from or connected with this inspection.              | onal injury or property dam            | age or a loss of any |
| Inspector nor his employer shall be liable in any manner for any person<br>kind arising from or connected with this inspection.             | onal injury or property dam            | age or a loss of any |
| Inspector nor his employer shall be liable in any manner for any personal kind arising from or connected with this inspection.              |                                        | age or a loss of any |

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|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------|--------------------------------|----------------------------------------|---------------|----------------------------------------|-------------------------------------|
|                                                                                                                                                   |                                                   |                                       |                                | 987′                                   | 76693         | 1                                      | of 2                                |
| 526 South                                                                                                                                         | ver Company<br>1 Church Street<br>1 NC 28201-1006 | 2. Pl                                 |                                | •                                      |               | Date                                   | NS - 1<br>9/2006                    |
| 3. Work Performed                                                                                                                                 |                                                   | · · · · · · · · · · · · · · · · · · · | ,<br>                          | Type Code Syn                          |               |                                        | 2000                                |
|                                                                                                                                                   | ver Company                                       |                                       |                                | Authorization                          |               | pplicable                              |                                     |
| 526 South                                                                                                                                         | n Church Street                                   |                                       | ,                              | Authorization                          |               | pplicable                              |                                     |
| Charlotte                                                                                                                                         | , NC 28201-1006                                   |                                       |                                | Expiration Date                        |               | pplicable                              |                                     |
| 4. Identification of                                                                                                                              | System, ASME CI                                   |                                       | e Injection, ASN               | E Class 1                              |               |                                        |                                     |
| <ol> <li>5.</li> <li>(a) Applicable Cons</li> <li>(b) Applicable Edition</li> <li>(c) Applicable Section</li> <li>6. Identification of</li> </ol> | on Section XI Utilize<br>on XI Code Case(s        |                                       |                                | Edition, <u>No</u><br>Edition, 2000    | Addeno        |                                        | Code Casi                           |
| Name of<br>Component                                                                                                                              | Name of<br>Manufacturer                           | Manufacturer<br>Serial Number         | National<br>Board No.          | Other<br>Identification                | Year<br>Built | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stampe<br>(Yes / No |
| Pipe                                                                                                                                              | Duke Energy<br>Corporation                        | None                                  | None                           | None                                   | 2006          | Installed                              | NO                                  |
|                                                                                                                                                   |                                                   |                                       |                                |                                        |               |                                        |                                     |
|                                                                                                                                                   |                                                   |                                       |                                |                                        |               |                                        |                                     |
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|                                                                                                                                                   |                                                   |                                       |                                |                                        |               |                                        |                                     |
|                                                                                                                                                   |                                                   |                                       |                                |                                        | <u> </u>      |                                        |                                     |
|                                                                                                                                                   |                                                   |                                       |                                | ·                                      |               |                                        |                                     |
|                                                                                                                                                   |                                                   |                                       |                                |                                        |               |                                        |                                     |
| 7. Description of Replace 1/2 inch p                                                                                                              |                                                   | L                                     |                                |                                        |               | L , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | L                                   |
| 8. Test Conducte                                                                                                                                  |                                                   | ic 🛛 Nominal O<br>PSI                 | perating Pressure<br>Test Temp | Exempt [                               | Other °F      |                                        |                                     |

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|                                          |                             | Work Order Number | Sheet  |
|------------------------------------------|-----------------------------|-------------------|--------|
| )                                        |                             | 98776693          | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Da | ata Reports to be attached) |                   |        |
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|                                                              | CERTIFICATE OF COMPL            | IANCE                  |                       |
|--------------------------------------------------------------|---------------------------------|------------------------|-----------------------|
| I certify that the statements made in ASME Code, Section XI. | the report are correct and that | at this conforms to th | e requirements of the |
| Type Code Symbol Stamp                                       | Not                             | Applicable             |                       |
| Certificate of Authorization Number                          | Not Applicable                  | Expiration Date        | Not Applicable        |
| Signed Basil N. Canal                                        | Senior Engineer                 | Date                   | 6/19/2006             |
| Owner or Owner's Design                                      | nee, Title                      |                        |                       |

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| I, the undersigned, holding a valid commission issued by the National Board of                                                                                                                                                                                                                                                                                                                                                                                            | Boiler and Pressure Vessel                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Inspectors and the State or Province of North Carolina and employ                                                                                                                                                                                                                                                                                                                                                                                                         | HSB CT                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | nspected the components described                                                               |
| in this Owner's Report during the period 6-5-06 to 7-,                                                                                                                                                                                                                                                                                                                                                                                                                    | , and state that                                                                                |
| to the best of my knowledge and belief, the Owner has performed examination<br>described in this Owner's Report in accordance with the requirements of the ASME<br>By signing this certificate neither the Inspector nor his employer makes a<br>concerning the examinations and corrective measures described in this Owner'<br>Inspector nor his employer shall be liable in any manner for any personal injury<br>kind arising from or connected with this inspection. | ECode, Section XI.<br>Iny warranty, expressed or implied,<br>s Report. Furthermore, neither the |
| Date 7-14-26                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ard, State, Province, and Endorsements                                                          |

|      |                                                                                                                     |                                |                             |                                     | Work Order Nu                              | mber           | Sheet                                  |                                       |
|------|---------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------|-------------------------------------|--------------------------------------------|----------------|----------------------------------------|---------------------------------------|
| - Je |                                                                                                                     |                                |                             |                                     | 9879                                       | 93770          | 1                                      | of 2                                  |
| l    | 1. Owner                                                                                                            | <u></u>                        | 2.                          | . Plant                             |                                            |                | Unit                                   |                                       |
|      |                                                                                                                     | wer Company<br>h Church Street |                             |                                     | uclear Station                             |                |                                        | NS - 1                                |
|      |                                                                                                                     | , NC 28201-1006                | · ]                         | 7800 Roch<br>Seneca, SC             | •                                          |                | <b>Date</b><br>6/1                     | 7/2006                                |
|      | 3. Work Performed                                                                                                   | d by                           | <u></u>                     |                                     | Type Code Sym                              |                | pplicable                              |                                       |
|      |                                                                                                                     | wer Company<br>h Church Street |                             |                                     | Authorization N                            |                | pplicable                              |                                       |
|      | Charlotte.                                                                                                          | e, NC 28201-1006               | <b>)</b>                    |                                     | Expiration Date                            |                | pplicable                              |                                       |
|      | 4. Identification of                                                                                                |                                |                             | ng Component Vent                   | s, ASME Class 1                            |                | <u></u>                                | <u></u>                               |
|      | <ul> <li>5.</li> <li>(a) Applicable Cons</li> <li>(b) Applicable Edition</li> <li>(c) Applicable Section</li> </ul> | on Section XI Utilize          |                             |                                     | Edition, <u>No</u><br>Edition, <u>2000</u> | Addend         |                                        | Code Case                             |
|      | 6. Identification of                                                                                                | i Components                   |                             |                                     |                                            |                | ······································ |                                       |
|      | Name of<br>Component                                                                                                | Name of<br>Manufacturer        | Manufacture<br>Serial Numbe |                                     | Other<br>Identification                    | Year<br>Built  | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
| -    | Snubber 1-57-O-<br>481A-H11                                                                                         | Grinnell                       | 35392                       | None                                | None                                       | UNK            | Removed                                | NO                                    |
|      | Snubber 1-57-O-<br>481A-H11 (1)                                                                                     | Anveil                         | 36151                       | None                                | None                                       | UNK            | Installed                              | NO                                    |
|      |                                                                                                                     |                                |                             |                                     |                                            |                |                                        |                                       |
|      |                                                                                                                     |                                |                             |                                     |                                            |                |                                        |                                       |
|      |                                                                                                                     |                                |                             |                                     |                                            |                |                                        |                                       |
|      |                                                                                                                     |                                |                             |                                     |                                            |                |                                        |                                       |
|      |                                                                                                                     |                                |                             |                                     |                                            |                |                                        |                                       |
|      |                                                                                                                     |                                |                             |                                     |                                            |                |                                        |                                       |
|      | 7. Description of                                                                                                   | Work                           |                             | <u></u>                             |                                            | <u></u>        |                                        | ·                                     |
|      |                                                                                                                     |                                | it was decided              | d to replace the snub               | ber with a new sn                          | ubber.         |                                        |                                       |
|      | 8. Test Conducte                                                                                                    | <b></b>                        |                             |                                     |                                            | <u> </u>       |                                        |                                       |
|      | Hydrost:                                                                                                            | tatic Pneumat<br>Pressure      | tic Nomina<br>PSI           | nal Operating Pressure<br>Test Temp |                                            | _] Other<br>°F | <u> </u>                               |                                       |

|                                                                                                                                                                                                                                                                                        | Work Order Number                                                                                                                                                                                                                            | Sheet                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                        | 98793770                                                                                                                                                                                                                                     | 2 of 2                                                                                                                     |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                                                                     |                                                                                                                                                                                                                                              |                                                                                                                            |
| ● 2 1/2 x 5 hydraulic snubber, S/C 374918, UTC 1082292, S/N 36151<br>Extended Rod Eye, S/C 431777, UTC 1087503                                                                                                                                                                         | _ 1                                                                                                                                                                                                                                          |                                                                                                                            |
| 0                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                              |                                                                                                                            |
| 0                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                              |                                                                                                                            |
| <u>(</u>                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                              |                                                                                                                            |
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| <u>م</u>                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                              |                                                                                                                            |
| 0                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                              |                                                                                                                            |
|                                                                                                                                                                                                                                                                                        | <u> </u>                                                                                                                                                                                                                                     |                                                                                                                            |
|                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                              |                                                                                                                            |
| CERTIFICATE OF COMPLIAI                                                                                                                                                                                                                                                                | NCE                                                                                                                                                                                                                                          |                                                                                                                            |
| I certify that the statements made in the report are correct and that t<br>ASME Code, Section XI.                                                                                                                                                                                      |                                                                                                                                                                                                                                              | nts of the                                                                                                                 |
| Type Code Symbol Stamp Not A                                                                                                                                                                                                                                                           | pplicable                                                                                                                                                                                                                                    |                                                                                                                            |
| Certificate of Authorization Number Not Applicable                                                                                                                                                                                                                                     | Expiration Date Not A                                                                                                                                                                                                                        | pplicable                                                                                                                  |
| Signed $B_{\alpha}$ $A_{1}/C$ . Senior Engineer                                                                                                                                                                                                                                        | Date 6/17/2000                                                                                                                                                                                                                               |                                                                                                                            |
| 1 June 11 lung 11                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                              | 5                                                                                                                          |
| Owner or Owner's Designee, Title                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                              | 6                                                                                                                          |
| Owner or Owner's Designee, Title                                                                                                                                                                                                                                                       | PECTION                                                                                                                                                                                                                                      | 6                                                                                                                          |
| CERTIFICATE OF INSERVICE INS         Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INS         I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of <u>NoETH CAROLINA</u> of <u>Hartford, Connecticut</u> | al Board of Boiler and Pressum<br>and employed by <u>H</u><br>have inspected the comp<br>to <u>7-14-06</u><br>I examinations and taken cor<br>of the ASME Code, Section XI.<br>er makes any warranty, expre-<br>this Owner's Report. Further | e Vessel<br>ISB CT<br>onents described<br>_ , and state that<br>rective measures<br>essed or implied,<br>more, neither the |

Date 7-14-04

National Board, State, Province, and Endorsements

|              | As required by the provisions of the                                                                                                                                                     | e ASME Code Sectior | n XI                                                                     |                      | Work O            | rder Numbe   |          | Sheet                                 |                                         |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------|----------------------|-------------------|--------------|----------|---------------------------------------|-----------------------------------------|
| $\bigcap$    | )                                                                                                                                                                                        |                     |                                                                          |                      |                   | 01678139     | - 10     | UNICO.                                | Page 1 of 2                             |
|              | 1. Owner Duke Power Company                                                                                                                                                              |                     | 2. Plant Ocon                                                            | ee Nuclear Sta       | tion              |              |          | Unit<br>1                             |                                         |
|              | 526 South Church Stree                                                                                                                                                                   | et                  | 7800                                                                     | Rochestor Hwy        | /                 |              |          | Date                                  |                                         |
|              | Charlotte, NC 28201-1                                                                                                                                                                    | 006                 | Seneo                                                                    | ca, SC 28672         |                   |              |          |                                       | 11/15/2006                              |
|              | 3. Work Performed By<br>Duke Power Company                                                                                                                                               |                     |                                                                          |                      |                   | Type Code S  | ymbol St | amp<br>Not Appl                       | icable                                  |
| 1            | 526 South Church Stree                                                                                                                                                                   |                     |                                                                          |                      |                   | Authorizatio | n Numbe  | n Not Appl                            | icable                                  |
|              | Charlotte, NC 28201-1                                                                                                                                                                    | 006                 |                                                                          |                      |                   | Expiration D | ate      | Not Appl                              | icable                                  |
|              | 4. Identification of Systems, ASME Class                                                                                                                                                 |                     | Reactor Coolan                                                           | t, ASME CI           | ass 1             | -            |          |                                       |                                         |
|              | <ul> <li>5.</li> <li>(a) Applicable Construction Cod <u>USAS B3</u></li> <li>(b) Applicable Edition Section XI Utilized For</li> <li>(c) Applicable Section XI Codes Cases(s)</li> </ul> |                     | ión, <u>No</u> Addenda <u>N</u><br>ion, <u>No</u> Addenda<br><b>ZOOO</b> | lo Code Case         |                   |              |          |                                       | · • • • • • • • • • • • • • • • • • • • |
|              | 6. Identification of Coimponents                                                                                                                                                         |                     |                                                                          |                      |                   |              |          |                                       |                                         |
|              | Name of Component                                                                                                                                                                        | Manufactur:         | Manufacture<br>Serial Number                                             | National<br>Board No | Othe<br>identific |              |          | Corrected,<br>Removed or<br>Installed | ASME Code<br>Stamped<br>(Yes/No)        |
|              | (6) Fig. 200 5 x 5 extension piece<br>assembly                                                                                                                                           | Anvil               | N/A                                                                      | UNK                  | UTC<br>1823392    | 2 UN         | KI       | nstalled                              | No                                      |
| $\bigcirc$   | (5) 1" x 5" Heavy Hex Bolts                                                                                                                                                              | Anvil               | N/A                                                                      | UNK                  | UTC<br>1007818    | 8<br>8       | K I      | nstalled                              | No                                      |
|              | (4) 1 1/2" x 11" x 11" plates (A-36)                                                                                                                                                     | ) N/A               | N/A                                                                      | UNK                  | UTC<br>1027456    | δ<br>UN      | κI       | nstalled                              | No                                      |
|              | (1) Rear Bracket (5x5 snubber)                                                                                                                                                           | N/A                 | N/A                                                                      | UNK                  | UTC<br>1821581    | 1 UN         | κI       | nstalled                              | No                                      |
|              | (3) Rear Bracket (5x5 snubber)                                                                                                                                                           | Anvil               | N/A                                                                      | UNK                  | UTĊ<br>109204(    | ) UN         | кI       | nstalled                              | No                                      |
|              | (7) 1" x 11" x 11" plate (A-36)                                                                                                                                                          | N/A                 | N/A                                                                      | UNK                  | UTC<br>1092631    | UN<br>1      | КI       | nstalled                              | No                                      |
|              | (2) 1 1/2" x 8" x 8" plates (A-36)                                                                                                                                                       | N/A                 | N/A                                                                      | UNK                  | UTC<br>1027456    | ύ UN         | κı       | nstalled                              | No                                      |
|              | 7. Description of Work<br>OE100793 -Modification of R0                                                                                                                                   | CPM snubber support | 1-50-0-66A-RCPM-                                                         | S10.                 | • <u> </u>        | <u> </u>     | ·        |                                       |                                         |
|              |                                                                                                                                                                                          |                     | ominal Operating Pre                                                     | essure               | Excempt           |              | Other    | Visual                                | _                                       |
| <i>,</i> , , | Pressure                                                                                                                                                                                 | PSI                 |                                                                          |                      | Test Ter          | mperature    |          | Deg.                                  | F                                       |

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| As required by the provisions of the ASME Code Section XI          | Work Order Numbe | Sheet       |
|--------------------------------------------------------------------|------------------|-------------|
| )                                                                  | 01678139 - 10    | Page 2 of 2 |
| 7. Remarks (Applicable Manufactuerr's Data Reports to be attached) |                  |             |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                         | CERTIFICATION OF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | COMPLIANCE                                                                                                                                                                                                                                                                | 3                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| I certify that the statements made in th<br>ASME Code, Section XI                                                                                                                                                                                                                                                                                                                                                                       | ne report are correct and that this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | conforms to the requirements                                                                                                                                                                                                                                              | s of the                                                                                       |
| Type Code Symbol Stamp                                                                                                                                                                                                                                                                                                                                                                                                                  | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ot Applicable                                                                                                                                                                                                                                                             |                                                                                                |
| Certificate of Autherization Number                                                                                                                                                                                                                                                                                                                                                                                                     | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Expiration Date                                                                                                                                                                                                                                                           | Not Applicable                                                                                 |
| Signed / www                                                                                                                                                                                                                                                                                                                                                                                                                            | Sr. Eng.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Date 11/211                                                                                                                                                                                                                                                               | 116                                                                                            |
| Owner                                                                                                                                                                                                                                                                                                                                                                                                                                   | or Owner's Designee, Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           |                                                                                                |
| CE<br>I, the undersigned, holding a valid con<br>nspectors and State or province of ~~                                                                                                                                                                                                                                                                                                                                                  | orth Conclina and e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Board of Boiler and Pressure V<br>employed by <u>HS</u>                                                                                                                                                                                                                   | Vessel<br>B CT                                                                                 |
| CE<br>I, the undersigned, holding a valid con                                                                                                                                                                                                                                                                                                                                                                                           | nmission issued by the National E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Board of Boiler and Pressure                                                                                                                                                                                                                                              | Vessel                                                                                         |
| CE<br>I, the undersigned, holding a valid con<br>nspectors and State or province of<br>of <u>Hartford, Cor</u>                                                                                                                                                                                                                                                                                                                          | nmission issued by the National E<br>איז מאז מאז מאז מאז מאז מאז מאז מאז מאז מא                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Board of Boiler and Pressure V<br>employed by <u>HS</u><br>have inspected the componer                                                                                                                                                                                    | Vessel<br><u>B CT_</u><br>nts described                                                        |
| CE<br>I, the undersigned, holding a valid con<br>nspectors and State or province of <i>w</i><br>of <u>Hartford, Cor</u><br>n the Owner's Report during the period                                                                                                                                                                                                                                                                       | nmission issued by the National B<br>BORTH CORCLANA and e<br>inecticut<br>R-2606 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Board of Boiler and Pressure V<br>employed by <u>HS</u><br>have inspected the componer                                                                                                                                                                                    | Vessel<br><u>B CT_</u><br>nts described<br>_ , and state that                                  |
| CE<br>I, the undersigned, holding a valid con<br>nspectors and State or province of<br>of <u>Hartford, Cor</u><br>n the Owner's Report during the period<br>o the best of my knowledge and belief,                                                                                                                                                                                                                                      | nmission issued by the National B<br>DETH CORCLANA and e<br>inecticut<br>P-26-06 to<br>the Owner has performed examin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Board of Boiler and Pressure V<br>employed by <u>HS</u><br>have inspected the component<br>2 - 2 - 3 - 6<br>nations and taken corrective n                                                                                                                                | Vessel<br><u>B CT_</u><br>nts described<br>_ , and state that                                  |
| CE<br>I, the undersigned, holding a valid con<br>Inspectors and State or province of<br>of <u>Hartford, Cor</u><br>n the Owner's Report during the period<br>to the best of my knowledge and belief,                                                                                                                                                                                                                                    | $\frac{1}{9 - 26 - 36}$ and examples the National I<br>energy and examples and examples to<br>$\frac{1}{9 - 26 - 36}$ to<br>the Owner has performed examination<br>ordance with the requirements of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Board of Boiler and Pressure V<br>employed by <u>HS</u><br>have inspected the componer<br>2 - 2 - 3 - 2 - 2<br>nations and taken corrective n<br>the ASME Code, Section XI.                                                                                               | Vessel<br><u>B CT</u><br>nts described<br>and state that<br>neasures                           |
| CE<br>I, the undersigned, holding a valid con<br>Inspectors and State or province of<br>of <u>Hartford, Cor</u><br>in the Owner's Report during the period<br>to the best of my knowledge and belief,<br>described in this Owner's Report in accor<br>By signing this certificate neither the in<br>concerning the examinations and correct                                                                                             | and e<br>and e<br>and e<br><u>mecticut</u><br><u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Board of Boiler and Pressure V<br>employed by <u>HS</u><br>have inspected the component<br>2 - 2 - 3 - 2<br>nations and taken corrective in<br>the ASME Code, Section XI.<br>any warrenty, expressed or im<br>Dwner's Report. Furthermore,                                | Vessel<br><u>B CT</u><br>nts described<br>and state that<br>neasures<br>nplied,<br>neither the |
| CE<br>I, the undersigned, holding a valid con<br>Inspectors and State or province of<br>of <u>Hartford, Cor</u><br>in the Owner's Report during the period<br>to the best of my knowledge and belief,<br>described in this Owner's Report in accor<br>By signing this certificate neither the in<br>concerning the examinations and correct<br>inspector nor his employer shall be liable                                               | The product of the second descent the second descent | Board of Boiler and Pressure V<br>employed by <u>HS</u><br>have inspected the component<br>2 - 2 - 3 - 2<br>nations and taken corrective in<br>the ASME Code, Section XI.<br>any warrenty, expressed or im<br>Dwner's Report. Furthermore,                                | Vessel<br><u>B CT</u><br>nts described<br>and state that<br>neasures<br>nplied,<br>neither the |
| CE<br>I, the undersigned, holding a valid com<br>Inspectors and State or province of $\sim$<br>of <u>Hartford, Cor</u><br>in the Owner's Report during the period<br>to the best of my knowledge and belief,<br>described in this Owner's Report in acco                                                                                                                                                                                | The product of the second descent the second descent | Board of Boiler and Pressure V<br>employed by <u>HS</u><br>have inspected the component<br>2 - 2 - 3 - 2<br>nations and taken corrective in<br>the ASME Code, Section XI.<br>any warrenty, expressed or im<br>Dwner's Report. Furthermore,                                | Vessel<br><u>B CT</u><br>nts described<br>and state that<br>neasures<br>nplied,<br>neither the |
| CE<br>I, the undersigned, holding a valid con<br>Inspectors and State or province of<br>of <u>Hartford, Cor</u><br>in the Owner's Report during the period<br>to the best of my knowledge and belief,<br>described in this Owner's Report in accor<br>By signing this certificate neither the in<br>concerning the examinations and correct<br>inspector nor his employer shall be liable<br>any kind rising from or connected with the | The product of the second descent the second descent | Board of Boiler and Pressure V<br>employed by <u>HS</u><br>have inspected the componer<br><u>12-5-66</u><br>nations and taken corrective n<br>the ASME Code, Section XI.<br>any warrenty, expressed or im<br>Dwner's Report. Furthermore,<br>injury or property damage or | Vessel<br><u>B CT</u><br>nts described<br>and state that<br>neasures<br>nplied,<br>neither the |

| $\frown$ | As required by the provisions of the A                                                                                                                                              | SME Code Section | n XI                                                                     |                                       | Work Order I<br>0167    | Numbe<br>8139 - 1 | Sheet                                 | Page 1 of 2                      |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------|---------------------------------------|-------------------------|-------------------|---------------------------------------|----------------------------------|
|          | 1. Owner Duke Power Company                                                                                                                                                         |                  |                                                                          | e Nuclear Sta                         |                         |                   | Unit<br>1                             |                                  |
|          | 526 South Church Street<br>Charlotte, NC 28201-1006                                                                                                                                 | i., .            |                                                                          | Rochestor Hwy<br>ca, SC 28672         | /                       |                   | Date                                  | 11/15/2006                       |
|          | 3. Work Performed By                                                                                                                                                                |                  |                                                                          |                                       | Туре                    | Code Symbol       | Stamp<br>Not App                      | icable                           |
|          | Duke Power Company                                                                                                                                                                  |                  | •                                                                        |                                       | Auth                    | orization Nur     | nber                                  |                                  |
|          | 526 South Church Street<br>Charlotte, NC 28201-1006                                                                                                                                 |                  |                                                                          |                                       | Expi                    | ration Date       | Not App                               | ·····                            |
|          | 4. Identification of Systems, ASME Class                                                                                                                                            |                  | <u> </u>                                                                 | · · · · · · · · · · · · · · · · · · · |                         |                   | Not App                               |                                  |
|          |                                                                                                                                                                                     |                  | Reactor Coolant                                                          | , ASME Ci                             | ass 1                   |                   |                                       |                                  |
|          | <ol> <li>(a) Applicable Construction Cod <u>USAS B31.7</u></li> <li>(b) Applicable Edition Section XI Utilized For R/F</li> <li>(c) Applicable Section XI Codes Cases(s)</li> </ol> |                  | ion, <u>No</u> Addenda <u>N</u><br>ion, <u>Ne</u> Addenda<br><b>ZOOO</b> | o Code Case                           |                         |                   |                                       | • .                              |
|          | 6. Identification of Coimponents                                                                                                                                                    |                  |                                                                          |                                       |                         |                   |                                       |                                  |
|          | Name of Component                                                                                                                                                                   | Manufactur:      | Manufacture<br>Serial Number                                             | National<br>Board No                  | Other<br>identification | Year<br>Built     | Corrected,<br>Removed or<br>Installed | ASME Code<br>Stamped<br>(Yes/No) |
|          | (2) 1" x 5" Heavy Hex Bolts                                                                                                                                                         | Anvil            | N/A                                                                      | UNK                                   | UTC<br>1007818          | UNK               | Installed                             | No                               |
| Ĵ        | (3) 5" x 5" bar stock (A-36)                                                                                                                                                        | N/A              | N/A                                                                      | UNK                                   | UTC<br>1078605          | UNK               | Installed                             | No                               |
|          | (1) 1" x 6" x 7" plates (A-36)                                                                                                                                                      | N/A              | N/A                                                                      | UNK                                   | UTC<br>1092631          | UNK               | Installed                             | No                               |
|          | (5) 1" x 11" x 11" plate (A-36)                                                                                                                                                     | N/A              | N/A                                                                      | UNK                                   | UTC<br>1092631          | UNK               | Installed                             | No                               |
|          | (6) Rear Bracket (5x5 snubber)                                                                                                                                                      | Anvil            | N/A                                                                      | UNK                                   | UTC<br>1092040          | UNK               | Installed                             | No                               |
|          | (7) Rear Bracket (5x5 snubber)                                                                                                                                                      | N/A              | N/A                                                                      | UNK                                   | UTC<br>1821581          | UNK               | Installed                             | No                               |
|          | (8) 1 1/2" x 11" x 11" plates (A-36)                                                                                                                                                | N/A              | N/A                                                                      | UNK                                   | UTC<br>1027456          | UNK               | Installed                             | No                               |
|          | (4) Fig. 200 5 x 5 extension piece<br>assembly                                                                                                                                      | Anvil            | N/A                                                                      | UNK                                   | UTC<br>1823392          | UNK               | Installed                             | No                               |
|          | 7. Description of Work<br>OE100793 - Modification of RCF                                                                                                                            | M snubber suppor | t 1-50-0-66A-RCPM                                                        | -S11.                                 |                         |                   |                                       |                                  |
| ()       | 8. Test Conducted<br>Hydrostatic Prue<br>Pressure                                                                                                                                   |                  | ominal Operating Pre                                                     | essure                                | Excempt<br>Test Tempe   | ✓ Othe rature     |                                       | F                                |
|          | Hydrostatic Prue<br>Pressure                                                                                                                                                        | natic No<br>PSI  | ominal Operating Pre                                                     | essure                                | Excempt<br>Test Tempe   |                   | er <u>Visual</u><br>Deg               | F                                |

As required by the provisions of the ASME Code Section XI

| Work Order Numbe | Sheet       |
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| 01678139 - 11    | Page 2 of 2 |

7. Remarks (Applicable Manufactuerr's Data Reports to be attached)

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|                                                                                                                                            | CERTIFICATION OF C                                                | OMPLIANCE                 |                |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------|----------------|
| I certify that the statements made in the r<br>ASME Code, Section XI                                                                       | eport are correct and that this c                                 | onforms to the requiremen | ts of the      |
| Type Code Symbol Stamp                                                                                                                     | Not                                                               | Applicable                |                |
| Certificate of Autherization Number                                                                                                        | Not Applicable                                                    | Expiration Date           | Not Applicable |
| Signed MM 1/2                                                                                                                              | Sr. Em.                                                           | Date 1/2/                 | 100            |
| Owner or O                                                                                                                                 | )wner's Designee, Title                                           |                           |                |
| n the Owner's Report during the period<br>o the best of my knowledge and belief, the<br>described in this Owner's Report in accorda        | Owner has performed examina                                       |                           | measures       |
| By signing this certificate neither the insp<br>concerning the examinations and corrective<br>nspector nor his employer shall be liable in | e measures described in this Ov<br>any manner for any personal ir | ner's Report. Furthermore | , neither the  |
| any kind rising from or connected with this                                                                                                |                                                                   |                           |                |
| any kind rising from or connected with this i                                                                                              | mision(s) NC1444N                                                 | RBC                       |                |

|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | work Order Num   | ibei                 |          | Sheet             |                               |
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| )                                                                                                                                                 |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1656             | 405                  |          | 1                 | of 2                          |
| 526 South                                                                                                                                         | ver Company<br>n Church Street<br>, NC 28201-1006 |                 | Plant<br>Oconee Nu<br>7800 Roche<br>Seneca, SC | este                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | r Hwy            |                      |          | Date              | NS - 1<br>5/2007              |
| 3. Work Performed                                                                                                                                 | d by                                              | <b>[</b>        |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Type Code Symb   |                      | <b>I</b> |                   |                               |
| Duke Pov                                                                                                                                          | wer Company                                       |                 |                                                | ┢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Authorization Nu |                      | pplicabl | e                 |                               |
|                                                                                                                                                   | h Church Street<br>, NC 28201-1006                |                 |                                                | ┠                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Expiration Date  | Not A                | pplicabl | e                 |                               |
| -                                                                                                                                                 | ·                                                 |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | Not A <sub>l</sub>   | pplicabl | e                 |                               |
| 4. Identification of                                                                                                                              | System, ASME CI                                   |                 | sure Injection, ASN                            | 1E (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Class 1          |                      | <u> </u> |                   |                               |
| <ul> <li>5.</li> <li>(a) Applicable Cons</li> <li>(b) Applicable Edition</li> <li>(c) Applicable Section</li> <li>6. Identification of</li> </ul> | on Section XI Utilize                             |                 |                                                | Editi<br>Editi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  | _ Addend<br>_ Addend |          | <u>No</u> (       | Code Case                     |
| 6. Identification of Name of                                                                                                                      | Components Name of                                | Manufacturer    | National                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Other            | Year                 | Corr     | ected,            | ASME                          |
| Component                                                                                                                                         | Manufacturer                                      | Serial Number   |                                                | lo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | lentification    | Built                | Rem      | ioved,<br>stalled | Code<br>Stamped<br>(Yes / No) |
| Orifice Flange,<br>HPI System (1)                                                                                                                 | DPC                                               | None            | None                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | None             | 1970                 | Corr     | rected            | NO                            |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      |          |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      |          |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      |          |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      |          |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      | <u> </u> |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      |          |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      |          |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      |          |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      | <u> </u> |                   |                               |
| 7. Description of<br>Flanges were disa<br>were installed.                                                                                         |                                                   | boron, while th | ne flange was disas                            | sem                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | bled it was dis  | covered              | L        | e wrong           | size bolts                    |
| 8. Test Conducte                                                                                                                                  |                                                   |                 | ·                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                      |          |                   |                               |
| Hydrost                                                                                                                                           | <b></b>                                           |                 | l Operating Pressure<br>Test Temp              | [<br>erat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Exempt           | ] Other<br>°F        |          |                   |                               |
|                                                                                                                                                   |                                                   |                 |                                                | - in the second s |                  |                      |          |                   |                               |

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|                                                                                                                                                                                                                                            | Work Order Number | Sheet  |
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| )                                                                                                                                                                                                                                          | 1656405           | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                         |                   |        |
| • 1 inch threaded rod; SA193 Grade B7; S/C 297415, UTC 1079652, Heat # 7<br>1 inch heavy hex nuts; SA194 Grade 2H; S/C 131798, UTC 1079050, Heat # 72<br>NOTE: Orifice is single plate design used to limit flow into the RCS, part of pla | 240626            |        |
| 0                                                                                                                                                                                                                                          |                   |        |
| 0                                                                                                                                                                                                                                          |                   |        |
| •                                                                                                                                                                                                                                          |                   |        |
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| )                                                                | CERTIFICATE OF COMPL       | IANCE                                                                                                            |                       |
|------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------|
| I certify that the statements made in the ASME Code, Section XI. | report are correct and tha | it this conforms to the                                                                                          | e requirements of the |
| Type Code Symbol Stamp                                           | Not                        | Applicable                                                                                                       |                       |
| Certificate of Authorization Number                              | Not Applicable             | Expiration Date                                                                                                  | Not Applicable        |
| Signed Bail W. Complexing                                        | Senior Engineer<br>Title   | Date                                                                                                             | 1/25/2007             |
| · · · · · · · · · · · · · · · · · · ·                            |                            | and the second |                       |

| CERTIFICATE OF IN                                                                                         | ISERVICE INSPE   | CTION                    |                            |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------|------------------|--------------------------|----------------------------|--|--|--|--|--|--|--|
| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel |                  |                          |                            |  |  |  |  |  |  |  |
| Inspectors and the State or Province of NoerH Chea                                                        | LINA and         | d employed by            | HSB CT                     |  |  |  |  |  |  |  |
|                                                                                                           |                  | have inspected t         | he components described    |  |  |  |  |  |  |  |
| in this Owner's Report during the period 1-26-0                                                           | 7 to             | - 1-26-07                | , and state that           |  |  |  |  |  |  |  |
| to the best of my knowledge and belief, the Owner ha                                                      | as performed e   | xaminations and t        | aken corrective measures   |  |  |  |  |  |  |  |
| described in this Owner's Report in accordance with the re                                                | quirements of th | ne ASME Code, Se         | ction XI.                  |  |  |  |  |  |  |  |
| By signing this certificate neither the Inspector nor                                                     | his employer i   | makes any warrar         | nty, expressed or implied, |  |  |  |  |  |  |  |
| concerning the examinations and corrective measures of                                                    |                  | •                        | -                          |  |  |  |  |  |  |  |
| Inspector nor his employer shall be liable in any manner                                                  | for any persona  | al injury or property    | y damage or a loss of any  |  |  |  |  |  |  |  |
| kind arising from or connected with this inspection.                                                      |                  |                          |                            |  |  |  |  |  |  |  |
| Comm                                                                                                      | ssions NC.       | 1444 NIRB                | с.,                        |  |  |  |  |  |  |  |
| Inspector's Signature                                                                                     | N                | ational Board. State, Pr | rovince, and Endorsements  |  |  |  |  |  |  |  |
| Date / - こと-07                                                                                            |                  |                          |                            |  |  |  |  |  |  |  |

|                  | An annuired by the provisions of the AC                                                                                                                                                         | ME Code Costier  | . VI                                                                      |                      | ·                 |          |               |                                       |                                  |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------|----------------------|-------------------|----------|---------------|---------------------------------------|----------------------------------|
|                  | As required by the provisions of the AS                                                                                                                                                         | WE Code Section  |                                                                           |                      | Work O            | rder Nur | nbe           | Sheet                                 |                                  |
| $\left( \right)$ |                                                                                                                                                                                                 |                  |                                                                           |                      | . 0               | 016781   | 139 - 12      | 2                                     | Page 1 of 2                      |
|                  | 1. Owner Duke Power Company                                                                                                                                                                     |                  | 2. Plant Ocone                                                            | e Nuclear Stat       | ion               |          |               | Unit                                  |                                  |
|                  | 526 South Church Street                                                                                                                                                                         |                  |                                                                           | Rochestor Hwy        |                   |          |               | 1                                     |                                  |
|                  | Charlotte, NC 28201-1006                                                                                                                                                                        |                  | 1                                                                         | a, SC 28672          |                   |          |               | Date                                  | 11/15/2006                       |
|                  |                                                                                                                                                                                                 |                  | , Selled                                                                  | a, 50 20072          |                   |          |               |                                       |                                  |
|                  | 3. Work Performed By<br>Duke Power Company                                                                                                                                                      |                  |                                                                           |                      |                   | Type Co  | de Symbol     | Not Appl                              | icable                           |
|                  | 526 South Church Street                                                                                                                                                                         |                  |                                                                           |                      |                   | Authori  | zation Num    | <sup>iber</sup><br>Not Appl           | icable                           |
|                  | Charlotte, NC 28201-1006                                                                                                                                                                        |                  |                                                                           |                      | ſ                 | Expirat  | ion Date      | Not Appl                              | icable                           |
|                  | 4. Identification of Systems, ASME Class                                                                                                                                                        |                  | Reactor Coolant                                                           | , ASME Cla           | ass 1             |          |               |                                       |                                  |
|                  | <ul> <li>5.</li> <li>(a) Applicable Construction Cod <u>USAS B31.7</u></li> <li>(b) Applicable Edition Section XI Utilized For R/R</li> <li>(c) Applicable Section XI Codes Cases(s)</li> </ul> |                  | ion, <u>No</u> Addenda <u>N</u><br>ion, <u>Ne</u> Addenda<br><b>ZOO O</b> | o Code Case          |                   |          |               |                                       |                                  |
|                  | 6. Identification of Coimponents                                                                                                                                                                |                  |                                                                           |                      |                   |          |               |                                       |                                  |
|                  | Name of Component                                                                                                                                                                               | Manufactur:      | Manufacture<br>Serial Number                                              | National<br>Board No | Othe<br>identific |          | Year<br>Built | Corrected,<br>Removed or<br>Installed | ASME Code<br>Stamped<br>(Yes/No) |
|                  | (5) 1 1/2" x 8" x 8" plates (A-36)                                                                                                                                                              | N/A              | N/A                                                                       | UNK UTC<br>10796     |                   | 3        | UNK           | Installed                             | No                               |
| $\bigcirc$       | (6) 1" x 11" x 11" plate (A-36)                                                                                                                                                                 | N/A              | N/A                                                                       | UNK                  | UTC<br>1072774    | 4        | UNK           | Installed                             | No                               |
|                  | (1) Fig. 200 5 x 5 extension piece<br>assembly                                                                                                                                                  | Anvil            | N/A                                                                       | UNK                  | UTC<br>1823392    | 2        | UNK           | Installed                             | No                               |
|                  | (4) 1 1/2" x 11" x 11" plates (A-36)                                                                                                                                                            | N/A              | N/A                                                                       | UNK                  | UTC<br>1027456    | 5        | UNK           | Installed                             | No                               |
|                  | (3) Rear Bracket (5x5 snubber)                                                                                                                                                                  | N/A              | N/A                                                                       | UNK                  | UTC<br>182158     | 1        | UNK           | Installed                             | No                               |
|                  | (2) Rear Bracket (5x5 snubber)                                                                                                                                                                  | Anvil            | N/A                                                                       | UNK                  | UTC<br>1092040    | 2        | UNK           | Installed                             | No                               |
|                  | (7) 1" x 5" Heavy Hex Bolts                                                                                                                                                                     | Anvil            | N/A                                                                       | UNK                  | UTC<br>085513:    | 3        | UNK           | Installed                             | No                               |
|                  | 7. Description of Work<br>OE100793 - Modification of RCPN                                                                                                                                       | 1 snubber suppor | t 1-50-0-66A-RCPM                                                         | -S12.                |                   |          | <u></u>       | · · · · · · · · · · · · · · · · · · · |                                  |
|                  | 8. Test Conducted                                                                                                                                                                               |                  |                                                                           |                      |                   | •        |               |                                       |                                  |
|                  | Hydrostatic Pnuem                                                                                                                                                                               | atic 🗌 No        | ominal Operating Pre                                                      | essure 🗌 I           | Excempt           |          | I Othe        | r <u>Visual</u>                       |                                  |
| < 1              | Pressure                                                                                                                                                                                        | PSI              |                                                                           |                      | Test Te           | mpera    | ture          | Deg.                                  | F                                |
| . Р              |                                                                                                                                                                                                 |                  |                                                                           |                      |                   |          |               |                                       |                                  |

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| As required by the provisions of the ASME Code Section XI          | Work Order Numbe | Sheet       |
|--------------------------------------------------------------------|------------------|-------------|
|                                                                    | 01678139 - 12    | Page 2 of 2 |
| 7. Remarks (Applicable Manufactuerr's Data Réports to be attached) |                  |             |

|                                                                                                                                                                                                                                                                                                                                     | CERTIFICATION OF                                                                                                                | COMPLIANCE                                                                                                                 |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| I certify that the statements made in the r<br>ASME Code, Section XI                                                                                                                                                                                                                                                                | report are correct and that this                                                                                                | conforms to the requiremen                                                                                                 | ts of the                |
| Type Code Symbol Stamp                                                                                                                                                                                                                                                                                                              | N                                                                                                                               | ot Applicable                                                                                                              |                          |
| Certificate of Autherization Number                                                                                                                                                                                                                                                                                                 | Not Applicable                                                                                                                  | Expiration Date                                                                                                            | Not Applicable           |
| Signed / mill 1/h                                                                                                                                                                                                                                                                                                                   | Sr. Em.                                                                                                                         | Date 11/21                                                                                                                 | 100                      |
| in the Owner's Report during the period<br>to the best of my knowledge and belief, the<br>described in this Owner's Report in accords<br>By signing this certificate neither the insp<br>concerning the examinations and corrective<br>inspector nor his employer shall be liable in<br>any kind rising from or connected with this | ance with the requirements of<br>lector nor his employer make<br>e measures described in this (<br>n any manner for any persona | nations and taken corrective<br>the ASME Code, Section XI.<br>any warrenty, expressed or ir<br>Dwner's Report. Furthermore | nplied,<br>, neither the |
| Com                                                                                                                                                                                                                                                                                                                                 | mision(s)                                                                                                                       | NIAS C                                                                                                                     | sements                  |

|                      |                                               |                    |                                  | Work Order Nur                          | nber       | Sheet         |          |
|----------------------|-----------------------------------------------|--------------------|----------------------------------|-----------------------------------------|------------|---------------|----------|
| )                    |                                               | ,                  |                                  | 1679                                    | 9289       | 1             | of 2     |
| 1. Owner             |                                               | 2. PI              | ant                              |                                         |            | Unit          |          |
| Duke Poy             | wer Company                                   |                    | Oconee Nu                        | clear Station                           |            | 01            | NS - 1   |
|                      | h Church Street                               |                    | 7800 Roch                        |                                         |            | Date          |          |
| Charlotte            | , NC 28201-1006                               | ÷                  | Seneca, SC                       | 29672                                   |            | 12/           | 1/2006   |
| 3. Work Performe     | d by                                          | l                  |                                  | Type Code Sym                           | bol Stamp  |               |          |
|                      | ~~)                                           |                    |                                  | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |            | pplicable     |          |
|                      | wer Company                                   |                    |                                  | Authorization N                         |            |               |          |
|                      | h Church Street                               | -                  |                                  |                                         |            | pplicable     |          |
| Charlotte            | e, NC 28201-1006                              | )                  |                                  | Expiration Date                         |            | pplicable     |          |
| 4. Identification o  | f System, ASME CI                             | ass                |                                  | 1                                       |            |               |          |
|                      | · • • • • • • • • • • • • • • • • • • •       |                    | C, ASME Class                    | 1                                       |            |               |          |
| 5.                   |                                               |                    |                                  | · · · · · · · · · · · · · · · · · · ·   |            |               |          |
| (a) Applicable Con   |                                               | USAS B31.7         |                                  | Edition, <u>No</u>                      | _ Addeno   |               | Code Ca  |
| .,                   | ion Section XI Utilize<br>tion XI Code Case(s | •                  | 19 <u>98</u><br>N-504-2 & N-638- | Edition, <u>2000</u>                    | Addend     | Ja.           |          |
| 6. Identification o  |                                               |                    | 1-304-2 & 11-038-                | - 1                                     |            | ·····         |          |
| Name of              | Name of                                       | Manufacturer       | National                         | Other                                   | Year       | Corrected,    |          |
| Component            | Manufacturer                                  | Serial Number      | Board No.                        | Identification                          | Built      | Removed,      | Cod      |
|                      |                                               |                    |                                  |                                         |            | or Installed  | Stam     |
|                      |                                               |                    |                                  |                                         | ╂          |               | <u> </u> |
| 1RC-0229-67V         | WSI                                           | None               | None                             | None                                    | 2006       | Corrected     | NC       |
|                      |                                               |                    |                                  |                                         |            |               |          |
| 1RC-0229-68V         | WSI                                           | None               | None                             | None                                    | 2006       | Corrected     | NO       |
| (1) Pressurizer      |                                               |                    |                                  |                                         | 1.000      |               |          |
| Thermowell<br>Nozzle | WSI                                           | None               | None                             | None                                    | 2006       | Installed     | NC NC    |
| (2) Support 50-0-    |                                               |                    |                                  |                                         |            |               |          |
| 479A-H1A             | Dp. Co                                        | None               | None                             | None                                    | UNK        | Corrected     | NC       |
|                      |                                               |                    |                                  |                                         | 1          |               |          |
|                      |                                               |                    |                                  |                                         |            |               |          |
|                      |                                               |                    |                                  |                                         |            |               |          |
|                      | <u></u>                                       |                    |                                  |                                         |            | ·             | <u> </u> |
|                      |                                               |                    |                                  |                                         |            |               |          |
|                      |                                               |                    |                                  |                                         |            |               |          |
|                      |                                               |                    |                                  |                                         |            |               |          |
|                      |                                               | <u> </u>           |                                  |                                         | +          |               | <u> </u> |
|                      |                                               |                    |                                  |                                         |            |               |          |
| 7. Description of    | Work                                          | <u></u>            | •                                | L                                       | <u> </u>   |               |          |
| OD100790 - Wel       | d overlay of hot le                           | eg and pressurizer | surge nozzles, r                 | eplacement of pre                       | ssurizer t | hermowell noz | zle      |
|                      | o support 50-0-479                            |                    | - ,                              | - *                                     |            |               |          |
| 8. Test Conduct      | ed                                            |                    |                                  | ······································  |            |               |          |
| Hydros               |                                               | tic 🛛 Nominal (    | Operating Pressure               | Exempt                                  | Other      |               |          |
|                      | Pressure                                      |                    | Test Tem                         |                                         | °F _       |               |          |
|                      |                                               |                    |                                  |                                         |            |               |          |

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| As required by the provisions of the ASME Code Section XI                                                                  |                                         |                  |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------|
|                                                                                                                            | Work Order Number                       | Sheet            |
|                                                                                                                            | 1679289                                 | 2 of 2           |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                         |                                         |                  |
| Thermowell nozzle installed, Inconel 690, SC# 855447                                                                       |                                         |                  |
| Support 50-0-479A-H1A modified, add 1/4" fillet weld at east and y                                                         | vest sides of rear bracket              |                  |
| 0                                                                                                                          |                                         |                  |
| <b>4</b>                                                                                                                   |                                         |                  |
| <b>9</b>                                                                                                                   |                                         |                  |
| 0                                                                                                                          |                                         |                  |
| 0                                                                                                                          | ·                                       |                  |
| 3                                                                                                                          |                                         |                  |
| <b>9</b>                                                                                                                   |                                         |                  |
| 0                                                                                                                          |                                         |                  |
| CERTIFICATE OF CC                                                                                                          |                                         |                  |
| I certify that the statements made in the report are correct ar<br>ASME Code, Section XI.                                  |                                         | ents of the      |
| Type Code Symbol Stamp                                                                                                     | Not Applicable                          |                  |
| Certificate of Authorization Number Not Applicable                                                                         | Expiration Date Not A                   | Applicable       |
| Signed William W Foster Jr Engin<br>Owner or Owner's Designee, Title                                                       | neer Date 12/1/200                      | )6               |
|                                                                                                                            |                                         |                  |
| CERTIFICATE OF INSERV                                                                                                      | CE INSPECTION                           |                  |
| I, the undersigned, holding a valid commission issued by the                                                               |                                         |                  |
| Inspectors and the State or Province of <u>North Carolina</u><br>of Hartford, Connecticut                                  | and employed by have inspected the comp | HSB CT           |
| in this Owner's Report during the period $10 \cdot 9 - 24$                                                                 | to 12-11-06                             | , and state that |
| to the best of my knowledge and belief, the Owner has per                                                                  |                                         |                  |
| described in this Owner's Report in accordance with the requirer                                                           |                                         |                  |
| By signing this certificate neither the Inspector nor his e<br>concerning the examinations and corrective measures describ |                                         |                  |

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.

| alexante              | Commissions | NCININ SIABL                                      |
|-----------------------|-------------|---------------------------------------------------|
| Inspector's Signature |             | National Board, State, Province, and Endorsements |
| Date 12-11-06         |             |                                                   |

|                    |                                                                                                                     |                                                          |                               |                                 | Work Order Nur                                  | nber             | Sheet                                  |                                       |  |
|--------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------|---------------------------------|-------------------------------------------------|------------------|----------------------------------------|---------------------------------------|--|
| $\bigcirc$         |                                                                                                                     |                                                          |                               |                                 | 167                                             | 9287             | 1                                      | of 2                                  |  |
| Í                  | 1. Owner                                                                                                            |                                                          | 2. P                          | lant                            |                                                 |                  | Unit                                   |                                       |  |
|                    | Duke Pow                                                                                                            | ver Company                                              |                               | Oconee Nu                       | clear Station                                   |                  | O                                      | NS - 1                                |  |
|                    |                                                                                                                     | Church Street                                            |                               | 7800 Roch                       | ester Hwy                                       |                  | Date                                   | <u></u>                               |  |
|                    | Charlotte,                                                                                                          | NC 28201-1006                                            |                               | Seneca, SC                      | 11/2                                            | ·····            |                                        |                                       |  |
|                    | 3. Work Performed                                                                                                   | 1 by                                                     |                               |                                 | plicable                                        |                  |                                        |                                       |  |
|                    |                                                                                                                     | ver Company                                              |                               |                                 | -                                               |                  |                                        |                                       |  |
|                    |                                                                                                                     | n Church Street<br>, NC 28201-1006                       | <u>.</u>                      |                                 |                                                 | -                | plicable                               | ible                                  |  |
|                    | Cliai lotte,                                                                                                        | , NC 28201-1000                                          | <b>,</b>                      |                                 | Expiration Date                                 |                  | plicable                               |                                       |  |
|                    | 4. Identification of                                                                                                | System, ASME CI                                          |                               | C, ASME Class 1                 |                                                 |                  |                                        |                                       |  |
|                    | <ul> <li>5.</li> <li>(a) Applicable Cons</li> <li>(b) Applicable Edition</li> <li>(c) Applicable Section</li> </ul> | on Section XI Utilize                                    | •                             |                                 | Edition, <u>No</u><br>Edition, <u>2000</u><br>1 | Addend<br>Addend |                                        | Code Case                             |  |
|                    | 6. Identification of                                                                                                | Components                                               |                               |                                 | · · · · · ·                                     |                  |                                        |                                       |  |
| )                  | Name of<br>Component                                                                                                | Name of<br>Manufacturer                                  | Manufacturer<br>Serial Number | National<br>Board No.           | Other<br>Identification                         | Year<br>Built    | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |  |
| $\Box$             | 1-PZR-WP91-1-<br>OL                                                                                                 | WSI                                                      | None                          | None                            | None                                            | 2006             | Corrected                              | NO                                    |  |
|                    | 1-PZR-WP91-2-<br>OL                                                                                                 | WSI                                                      | None                          | None                            | None                                            | 2006             | Corrected                              | NO                                    |  |
|                    | 1-PZR-WP91-3-<br>OL                                                                                                 | WSI                                                      | None                          | None                            | None                                            | 2006             | Corrected                              | NO                                    |  |
|                    | (1) 1RC-4, PORV<br>Block Valve                                                                                      | Westinghouse                                             | UNK                           | UNK                             | None                                            | UNK              | Corrected                              | NO                                    |  |
|                    | (2) Support 50-0-<br>481A-NPS-H13A                                                                                  | DP Co.                                                   | None                          | None                            | None                                            | 1983             | Corrected                              | NO                                    |  |
|                    |                                                                                                                     |                                                          |                               |                                 | ,,,,,,, _                                       |                  |                                        |                                       |  |
|                    |                                                                                                                     |                                                          |                               |                                 |                                                 |                  |                                        |                                       |  |
|                    |                                                                                                                     |                                                          |                               |                                 |                                                 |                  |                                        |                                       |  |
|                    |                                                                                                                     |                                                          |                               |                                 |                                                 |                  |                                        |                                       |  |
|                    | 7. Description of<br>OD100788 - Welc<br>Replace 1RC-4 bc<br>Add shims to hang                                       | l Overlay on Pres<br>olting and nuts<br>ger 50-0-481A-NI | -                             | elief valve nozzle              | S                                               |                  |                                        |                                       |  |
| ~~ ⊥r <sup>~</sup> | 8. Test Conducte                                                                                                    |                                                          |                               | Operating Pressure<br>Test Temp |                                                 | Other            |                                        |                                       |  |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Work Order Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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                                                                                                                                                                                                                                                              | f 2                                                 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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                                                                                                                                                                                                                                                         |                                                     |
| • Bolting and nuts for 1RC-4 were replaced. Rod studs for bolting is SA-1 UTC #1073084.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 93, Gr. B7, UTC #108988                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 84 and nuts are SA-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 94, Gr. 7                                           |
| ● 1/8" Shims installed under the anchors for Hanger 50-0-481A-NPS-H13A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ۱.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        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| I certify that the statements made in the report are correct and that<br>ASME Code, Section XI.<br>Type Code Symbol Stamp Not<br>Certificate of Authorization Number Not Applicable<br>Signed William W. Foster Jr Engineer<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSERVICE IN<br>I, the undersigned, holding a valid commission issued by the Nation<br>Inspectors and the State or Province of Norra Carol war<br>of Hartford, Connecticut<br>in this Owner's Report during the period 10-4-04                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Applicable<br>Expiration Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date                                                                                                                            | Not Applicable<br>1/29/2006<br>d Pressure Vessel<br>HSB CT<br>the components des<br>, and sta<br>taken corrective m<br>taken corrective m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ate tha<br>easure<br>implied<br>ther th             |
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|        | 1. Owner                                         |                       |              | 2. Pla                 | ant                      |                |                      |          | Unit                     |                 |  |  |
|        | Duke Pow                                         | er Company            |              | Oconee Nuclear Station |                          |                |                      | Ol       | NS - 1                   |                 |  |  |
|        | 526 South                                        | Church Street         |              |                        | 7800 Roche               | este           | er Hwy               |          | Date                     |                 |  |  |
|        | Charlotte, NC 28201-1006<br>3. Work Performed by |                       |              |                        | Seneca, SC 29672         |                |                      |          |                          | 12/1/2006       |  |  |
|        |                                                  |                       |              |                        | Type Code Symbol Stamp   |                |                      |          |                          |                 |  |  |
|        |                                                  |                       |              |                        |                          | Not Applicable |                      |          |                          |                 |  |  |
|        | 526 South Church Street                          |                       |              |                        |                          |                | Authorization Number |          |                          |                 |  |  |
| i      |                                                  |                       |              |                        |                          |                | Not Ap               | plicable |                          |                 |  |  |
|        | Charlotte, NC 28201-1006                         |                       |              |                        |                          |                | Expiration Date      | Not Ar   | plicable                 |                 |  |  |
|        | 4. Identification of                             | System, ASME CI       | ass          |                        |                          | 1              |                      |          | <b>F</b>                 |                 |  |  |
|        |                                                  |                       |              | RC                     | C, ASME Class 1          | l              |                      |          |                          |                 |  |  |
|        | <ol> <li>Applicable Cons</li> </ol>              | struction Code:       | USAS B3      | 317                    | 19 69                    | Edi            | tion, No             | Addend   | la, No (                 | Code Case       |  |  |
|        | (b) Applicable Edition                           | ****                  |              |                        |                          |                | tion, 2000           | - Addend | ·                        |                 |  |  |
|        | (c) Applicable Secti                             | on XI Code Case(s)    | Code (       | Cases N                | N-504-2 & N-638-         | 1              |                      |          |                          |                 |  |  |
|        | 6. Identification of                             | Components            |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | Name of                                          | Name of               | Manufactu    |                        | National                 |                | Other                | Year     | Corrected,               | ASME            |  |  |
|        | Component                                        | Manufacturer          | Serial Nun   | nber                   | Board No.                | I              | Identification       | Built    | Removed,<br>or Installed | Code<br>Stamped |  |  |
|        |                                                  |                       |              |                        |                          |                |                      |          |                          | (Yes / No)      |  |  |
| $\sim$ |                                                  |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | 1-RC-0230-57V                                    | WSI                   | None         |                        | None                     |                | None                 | 2006     | Corrected                | NO              |  |  |
|        |                                                  |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | ,                                                |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
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|        |                                                  |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | 7. Description of                                | Work                  |              |                        | ·                        |                |                      |          | -                        |                 |  |  |
|        | OD100789 - Weld                                  | d overlay of the pr   | essurizer sp | oray no                | ozzle butt welds         | bet            | tween the Class      | 1 nozzle | , the safe end,          | and the         |  |  |
|        | pipe.                                            |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | 8. Test Conducte                                 | ed                    |              |                        |                          |                |                      |          | <u></u>                  |                 |  |  |
|        | 🗌 Hydrost                                        | tatic 🗌 Pneumat       | ic 🛛 Nor     | ninal C                | <b>Derating Pressure</b> | [              | Exempt               | ] Other  |                          |                 |  |  |
|        |                                                  | Pressure              | PSI          | [                      | Test Temp                | oera           | iture                | °F       |                          |                 |  |  |
| 1      |                                                  |                       |              |                        |                          |                |                      |          |                          |                 |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Work Order Numb                                                                                                                                                                                                                                                                 |                                                                                                                               | Sheet                                                                        |                                            |                              |
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| }                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 167928                                                                                                                                                                                                                                                                          | 8                                                                                                                             | 2                                                                            | of                                         | 2                            |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                 |                                                                                                                               |                                                                              |                                            |                              |
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| CERTIFICATE OF COM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PLIANCE                                                                                                                                                                                                                                                                         |                                                                                                                               |                                                                              |                                            |                              |
| CERTIFICATE OF COM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                 | requirements                                                                                                                  | s of the                                                                     |                                            |                              |
| )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                 | requirement                                                                                                                   | s of the                                                                     | 9                                          |                              |
| CERTIFICATE OF COM<br>I certify that the statements made in the report are correct and<br>ASME Code, Section XI.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | that this conforms to the                                                                                                                                                                                                                                                       | e requirements                                                                                                                | s of the                                                                     | è                                          |                              |
| CERTIFICATE OF COM<br>I certify that the statements made in the report are correct and<br>ASME Code, Section XI.<br>Type Code Symbol Stamp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | that this conforms to the                                                                                                                                                                                                                                                       |                                                                                                                               |                                                                              |                                            |                              |
| CERTIFICATE OF COM<br>I certify that the statements made in the report are correct and<br>ASME Code, Section XI.<br>Type Code Symbol StampN<br>Certificate of Authorization NumberNot Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | that this conforms to the                                                                                                                                                                                                                                                       | e requirements<br>Not App                                                                                                     |                                                                              |                                            |                              |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp       N         Certificate of Authorization Number       Not Applicable         Signed       William W Foster Jr Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | that this conforms to the<br>lot Applicable<br>Expiration Date                                                                                                                                                                                                                  |                                                                                                                               |                                                                              |                                            |                              |
| CERTIFICATE OF COM<br>I certify that the statements made in the report are correct and<br>ASME Code, Section XI.<br>Type Code Symbol StampN<br>Certificate of Authorization NumberNot Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | that this conforms to the<br>lot Applicable<br>Expiration Date                                                                                                                                                                                                                  | Not App                                                                                                                       |                                                                              |                                            |                              |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp       N         Certificate of Authorization Number       Not Applicable         Signed       William W Foster Jr Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | that this conforms to the<br>lot Applicable<br>Expiration Date                                                                                                                                                                                                                  | Not App                                                                                                                       |                                                                              |                                            |                              |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp       N         Certificate of Authorization Number       Not Applicable         Signed       William W Foster Jr Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | that this conforms to the<br>Not Applicable<br>Expiration Date<br>er Date                                                                                                                                                                                                       | Not App                                                                                                                       |                                                                              |                                            |                              |
| CERTIFICATE OF COM<br>I certify that the statements made in the report are correct and<br>ASME Code, Section XI.<br>Type Code Symbol Stamp N<br>Certificate of Authorization Number Not Applicable<br>Signed William W Foster Jr Enginee<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSERVICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | that this conforms to the<br>lot Applicable<br>Expiration Date<br>er Date<br>E INSPECTION                                                                                                                                                                                       | Not App<br>12/1/2006                                                                                                          | olicable                                                                     | 2                                          |                              |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp       N         Certificate of Authorization Number       Not Applicable         Signed       William W Foster Jr Enginee         Owner or Owner's Designee, Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | that this conforms to the<br>lot Applicable<br>Expiration Date<br>er Date<br>E INSPECTION                                                                                                                                                                                       | Not App<br>12/1/2006<br>nd Pressure 1                                                                                         | olicable                                                                     | 2                                          |                              |
| CERTIFICATE OF COM<br>I certify that the statements made in the report are correct and<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>N</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>William W Foster Jr Enginee</u><br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSERVICE<br>I, the undersigned, holding a valid commission issued by the Na<br>Inspectors and the State or Province of <u>Merry Credinal</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | that this conforms to the<br>lot Applicable<br>Expiration Date<br>erDate<br>EINSPECTION<br>ational Board of Boiler a                                                                                                                                                            | Not App<br>12/1/2006<br>nd Pressure <sup>V</sup><br>HSI                                                                       | Vessel<br>B CT                                                               | 2                                          | ibe                          |
| CERTIFICATE OF COM<br>I certify that the statements made in the report are correct and<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>N</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>William W Foster Jr Enginee</u><br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSERVICE<br>I, the undersigned, holding a valid commission issued by the Na<br>Inspectors and the State or Province of <u>Ibern Creduna</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | that this conforms to the<br>Not Applicable<br>Expiration Date<br>Date<br>EINSPECTION<br>ational Board of Boiler a<br>and employed by                                                                                                                                           | Not App<br>12/1/2006<br>nd Pressure '<br>HSI<br>d the compon                                                                  | Vessel<br>B CT                                                               | e                                          |                              |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp       N         Certificate of Authorization Number       Not Applicable         Signed       MULL Tost for William W Foster Jr Engineer         Owner or Owner's Designee, Title       CERTIFICATE OF INSERVICE         I, the undersigned, holding a valid commission issued by the Na Inspectors and the State or Province of Moern Canadima         of       Hartford, Connecticut                                                                                                                                                                                                                                                                                                                                                                                                                                 | that this conforms to the<br>Not Applicable<br>Expiration Date<br>Date<br>EINSPECTION<br>ational Board of Boiler a<br>and employed by<br>have inspected<br>to2-//-o G                                                                                                           | Not App<br>12/1/2006<br>nd Pressure 1<br>HSI<br>d the compon                                                                  | Vessel<br>B CT<br>nents d                                                    | escr                                       | tha                          |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp       N         Certificate of Authorization Number       Not Applicable         Signed       Signed To Stamp         William W Foster Jr Enginee       Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE         I, the undersigned, holding a valid commission issued by the Na         Inspectors and the State or Province of Moern Creation         of       Hartford, Connecticut         in this Owner's Report during the period       10 - 5 - 0 6         to the best of my knowledge and belief, the Owner has perford described in this Owner's Report in accordance with the requireme                                                                                                                                                                                                    | that this conforms to the<br>Not Applicable<br>Expiration Date<br>T Date<br>EINSPECTION<br>ational Board of Boiler a<br>and employed by<br>have inspected<br>to <u>2-1/-06</u><br>rmed examinations and<br>nts of the ASME Code, 5                                              | Not App<br>12/1/2006<br>nd Pressure V<br>HSJ<br>d the compon<br>I taken corre<br>Section XI.                                  | Vessel<br>B CT<br>nents d<br>, and s<br>ective r                             | escr<br>state<br>mea                       | tha<br>sur                   |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp         M         Certificate of Authorization Number         Not Applicable         Signed         William W Foster Jr Enginee         Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE         I, the undersigned, holding a valid commission issued by the Ni         Inspectors and the State or Province of         Martford, Connecticut         in this Owner's Report during the period         I the best of my knowledge and belief, the Owner has perfor         described in this Owner's Report in accordance with the requireme         By signing this certificate neither the Inspector nor his employed                                                                                                                                                                              | that this conforms to the<br>Not Applicable<br>Expiration Date<br>T Date<br>EINSPECTION<br>ational Board of Boiler a<br>and employed by<br>have inspected<br>to 12-1/-06<br>rmed examinations and<br>ployer makes any ward                                                      | Not App<br>12/1/2006<br>nd Pressure '<br>HSJ<br>d the compon<br>d taken corre<br>Section XI.<br>ranty, expres                 | Vessel<br>B CT<br>ients d<br>, and s<br>ictive r                             | escr<br>state<br>mea                       | tha<br>sur<br>plie           |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp         M         Certificate of Authorization Number         Not Applicable         Signed         William W Foster Jr Enginee         Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE         I, the undersigned, holding a valid commission issued by the Ni         Inspectors and the State or Province of Moern Carolina         of       Hartford, Connecticut         in this Owner's Report during the period       10 - 5 - 06         to the best of my knowledge and belief, the Owner has perfor       described in this Owner's Report in accordance with the requireme         By signing this certificate neither the Inspector nor his employed       Section 2000                                                                                                                  | that this conforms to the<br>Not Applicable<br>Expiration Date<br>To Date<br>EINSPECTION<br>ational Board of Boiler a<br>and employed by<br>have inspected<br>to 2-2/-06<br>rmed examinations and<br>nts of the ASME Code, a<br>ployer makes any ward<br>in this Owner's Report | Not App<br>12/1/2006<br>nd Pressure 1<br>HSJ<br>d the compon<br>I taken corre<br>Section XI.<br>ranty, expres<br>rt. Furtherm | Vessel<br><u>B CT</u><br>nents d<br>, and s<br>ective r<br>sed or<br>ore, ne | e<br>escr<br>state<br>mea<br>r im<br>eithe | tha<br>sure<br>plie<br>er th |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp       N         Certificate of Authorization Number       Not Applicable         Signed       William W Foster Jr Enginee         Owner or Owner's Designee, Title       William W Foster Jr Enginee         I, the undersigned, holding a valid commission issued by the Ni         Inspectors and the State or Province of       Mean Canadiana         of       Hartford, Connecticut         in this Owner's Report during the period       Image - S - C C         to the best of my knowledge and belief, the Owner has perfor       described in this Owner's Report in accordance with the requireme         By signing this certificate neither the Inspector nor his employer shall be liable in any manner for any                                                                                          | that this conforms to the<br>Not Applicable<br>Expiration Date<br>To Date<br>EINSPECTION<br>ational Board of Boiler a<br>and employed by<br>have inspected<br>to 2-2/-06<br>rmed examinations and<br>nts of the ASME Code, a<br>ployer makes any ward<br>in this Owner's Report | Not App<br>12/1/2006<br>nd Pressure 1<br>HSJ<br>d the compon<br>I taken corre<br>Section XI.<br>ranty, expres<br>rt. Furtherm | Vessel<br><u>B CT</u><br>nents d<br>, and s<br>ective r<br>sed or<br>ore, ne | e<br>escr<br>state<br>mea<br>r im<br>eithe | tha<br>sure<br>plie<br>er th |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp         M         Certificate of Authorization Number         Not Applicable         Signed       William W Foster Jr Enginee         Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE         I, the undersigned, holding a valid commission issued by the Ni         Inspectors and the State or Province of Moern Caedinal         of       Hartford, Connecticut         in this Owner's Report during the period       10 - 5 - 06         to the best of my knowledge and belief, the Owner has perford described in this Owner's Report in accordance with the requireme By signing this certificate neither the Inspector nor his employed concerning the examinations and corrective measures described                                                                                      | that this conforms to the<br>Not Applicable<br>Expiration Date<br>To Date<br>EINSPECTION<br>ational Board of Boiler a<br>and employed by<br>have inspected<br>to 2-2/-06<br>rmed examinations and<br>nts of the ASME Code, a<br>ployer makes any ward<br>in this Owner's Report | Not App<br>12/1/2006<br>nd Pressure 1<br>HSJ<br>d the compon<br>I taken corre<br>Section XI.<br>ranty, expres<br>rt. Furtherm | Vessel<br><u>B CT</u><br>nents d<br>, and s<br>ective r<br>sed or<br>ore, ne | e<br>escr<br>state<br>mea<br>r im<br>eithe | tha<br>sure<br>plie<br>er th |
| CERTIFICATE OF COM         I certify that the statements made in the report are correct and ASME Code, Section XI.         Type Code Symbol Stamp       N         Certificate of Authorization Number       Not Applicable         Signed $\mathcal{M}$ William W Foster Jr Enginee       Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE         I, the undersigned, holding a valid commission issued by the Ni         Inspectors and the State or Province of $\mathcal{M}$ $\mathcal{M}$ of       Hartford, Connecticut         in this Owner's Report during the period $\mathcal{L} \circ \cdot \mathcal{S} \cdot \circ \mathcal{L}$ to the best of my knowledge and belief, the Owner has perfor       described in this Owner's Report in accordance with the requireme         By signing this certificate neither the Inspector nor his employer shall be liable in any manner for any kind arising from or connected with this inspection. | that this conforms to the<br>Not Applicable<br>Expiration Date<br>To Date<br>EINSPECTION<br>ational Board of Boiler a<br>and employed by<br>have inspected<br>to 2-2/-06<br>rmed examinations and<br>nts of the ASME Code, a<br>ployer makes any ward<br>in this Owner's Report | Not App<br>12/1/2006<br>nd Pressure 1<br>HSJ<br>d the compon<br>I taken corre<br>Section XI.<br>ranty, expres<br>rt. Furtherm | Vessel<br><u>B CT</u><br>nents d<br>, and s<br>ective r<br>sed or<br>ore, ne | e<br>escr<br>state<br>mea<br>r im<br>eithe | tha<br>sure<br>pliee<br>r th |

Date \_ 12.11.02

|        |                                                                                                                                                                                     |                                                                                   |                                    |                                                              | Work Order Nu                                       | mber                   | Sheet                                  |                                       |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------|-----------------------------------------------------|------------------------|----------------------------------------|---------------------------------------|
| 6      | )                                                                                                                                                                                   |                                                                                   |                                    |                                                              | 168                                                 | 2005                   | 1                                      | of 4                                  |
|        | 1. Owner                                                                                                                                                                            |                                                                                   | 2. F                               | Plant                                                        |                                                     |                        | Unit                                   |                                       |
|        |                                                                                                                                                                                     | ver Company<br>Church Street                                                      |                                    | Oconee Nu<br>7800 Roch                                       | clear Station                                       |                        |                                        | NS - 1                                |
|        |                                                                                                                                                                                     | NC 28201-1006                                                                     |                                    | Seneca, SC                                                   | •                                                   |                        | Date<br>11/1                           | 5/2006                                |
|        | 3. Work Performed                                                                                                                                                                   | d by                                                                              |                                    |                                                              | Type Code Sym                                       | ibol Stamp<br>Not App  | olicable                               |                                       |
|        |                                                                                                                                                                                     | ver Company                                                                       |                                    |                                                              | Authorization N                                     | lumber                 |                                        |                                       |
|        |                                                                                                                                                                                     | 1 Church Street<br>, NC 28201-1006                                                |                                    |                                                              | Evolution Date                                      | Not App                |                                        |                                       |
|        |                                                                                                                                                                                     |                                                                                   |                                    |                                                              | Expiration Date                                     | Not App                | olicable                               |                                       |
|        | 4. Identification of                                                                                                                                                                | System, ASME CI                                                                   |                                    | Generator, ASME                                              | Class 1                                             |                        |                                        |                                       |
|        | (c) Applicable Secti                                                                                                                                                                | on Section XI Utilize<br>on XI Code Case(s)                                       |                                    |                                                              | Edition, No<br>Edition, 2000                        | Addenda<br>Addenda     | ·                                      | Code Case                             |
|        | 6. Identification of                                                                                                                                                                | Components                                                                        |                                    |                                                              |                                                     |                        | · · · ·                                |                                       |
|        | Name of<br>Component                                                                                                                                                                | Name of<br>Manufacturer                                                           | Manufacturer<br>Serial Number      | National<br>Board No.                                        | Other<br>Identification                             | Year<br>Built          | Corrected,<br>Removed,<br>or Installed | ASME<br>Code<br>Stamped<br>(Yes / No) |
|        | Inspection Port<br>Cover @ Port #6<br>(M6)                                                                                                                                          | B & W Canada                                                                      | 006K01                             | 205                                                          | N/A                                                 | 2003                   | Removed                                | YES                                   |
|        | Inspection Port<br>Cover @ Port #9<br>(R9)                                                                                                                                          | B & W Canada                                                                      | 006K01                             | 205                                                          | N/A                                                 | 2003                   | Removed                                | YES                                   |
|        | Inspection Port<br>Cover @ Port #9<br>(R9)                                                                                                                                          | B & W Canada                                                                      | 006K01                             | 205                                                          | N/A                                                 | 2003                   | Removed                                | YES                                   |
|        | Inspection Port<br>Cover @ Port #10<br>(M10)                                                                                                                                        | B & W Canada                                                                      | 006K01                             | 205                                                          | N/A                                                 | 2003                   | Removed                                | YES                                   |
|        | Inspection Port<br>Cover @ Port #10<br>(R10)                                                                                                                                        | B & W Canada                                                                      | 006K01                             | 205                                                          | N/A                                                 | 2003                   | Removed                                | YES                                   |
|        | Inspection Port<br>Cover @ Port #11<br>(R11)                                                                                                                                        | B & W Canada                                                                      | 006K01                             | 205                                                          | N/A                                                 | 2003                   | Removed                                | YES                                   |
|        | Inspection Port<br>Cover @ Port #14<br>(R14)                                                                                                                                        | B & W Canada                                                                      | 006K01                             | 205                                                          | N/A                                                 | 2003                   | Removed                                | YES                                   |
| $\sum$ | <ul> <li>7. Description of V</li> <li>On Unit 1 "A" Sternary Y-2), #10 (Y-1, Y</li> <li>removed and Feed</li> <li>8. Test Conducter</li> <li>Hydrosternary Hydrosternary</li> </ul> | am Generator ins<br>-2), #11 (Y-2), #1<br>lwater Transducer<br>ed<br>atic Pneumat | 4 (Y-2) and a in<br>Assembly insta | strumented cover<br>lled on a feedwate<br>Operating Pressure | was installed at e<br>er riser at Y-1 & Y<br>Exempt | ach. SW P<br>(-2 axis. |                                        |                                       |
|        |                                                                                                                                                                                     | Pressure                                                                          | PSI                                | Test Temp                                                    | erature                                             | °F                     |                                        |                                       |

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|      |                               |                                           | •                   |                  | Work Orde                    | r Number    | Sheet                    |                 |
|------|-------------------------------|-------------------------------------------|---------------------|------------------|------------------------------|-------------|--------------------------|-----------------|
| /~~  | )                             |                                           |                     |                  |                              | 1682005     | 2 0                      | of 4            |
|      | 1. Owner                      |                                           | 2.                  | Plant            |                              |             | Unit                     |                 |
|      | Duke I                        | Power Company                             |                     | Oconee           | Nuclear Station              |             | 0                        | NS - 1          |
|      |                               | outh Church Street                        |                     | 7800 Ro          | chester Hwy                  |             | Date                     |                 |
|      | Charlo                        | tte, NC 28201-10                          | 006                 | Seneca,          | SC 29672                     |             | 11/1                     | 5/2006          |
|      | 3. Work Perfor                | med hy                                    |                     |                  | Type Code                    | Symbol Stan |                          |                 |
|      |                               | incu by                                   |                     |                  | .,,,                         |             | Applicable               |                 |
|      |                               | Power Company                             |                     |                  | Authorizat                   | ion Number  |                          |                 |
|      |                               | outh Church Stree                         |                     |                  |                              | Not         | Applicable               |                 |
|      | Charle                        | otte, NC 28201-10                         | )06                 |                  | Expiration                   |             | A                        |                 |
|      |                               | ( 0 ) · · · · · · · · · · · · · · · · · · |                     |                  |                              | Not         | Applicable               |                 |
|      | 4. Identification             | n of System, ASME                         |                     | n Gereator, ASM  | E Class 1                    |             |                          |                 |
|      | 5.                            |                                           |                     |                  | <u> </u>                     |             | <u> </u>                 |                 |
|      |                               | onstruction Code:                         | ASME Section        | III 19 <b>89</b> | Edition, I                   | No · Adde   | enda, No                 | Code Case       |
|      | (b) Applicable E              | dition Section XI Ut                      | lized For R/R Activ | ity 19 98        | Edition, 20                  | 000 Adde    | enda.                    |                 |
|      |                               | ection XI Code Cas                        | e(s) <u>None</u>    | <u>·</u>         |                              |             | ·····                    |                 |
|      | 6. Identification             | n of Components                           |                     |                  |                              |             |                          |                 |
| ł    | Name of                       | Name of                                   | Manufacturer        | National         | Other                        | Year        | Corrected,               | ASME            |
|      | Component                     | Manufacturer                              | Serial Number       | Board No.        | Identification               | n Built     | Removed,<br>or Installed | Code<br>Stamped |
|      |                               |                                           |                     |                  |                              |             | ormstaned                | (Yes / No)      |
|      | Inspection Port               |                                           |                     | ····             |                              |             |                          |                 |
| -1   | Test Cover                    | B & W Canada                              | 160K-11             | 226              | PN# 5233752                  | 2006        | Installed                | YES             |
|      | Assembly #8<br>(R11)          |                                           |                     | 220              | 1101 3233732                 | 2000        | mistaned                 | 120             |
|      | Inspection Port               |                                           |                     |                  |                              |             |                          |                 |
|      | Test Cover                    | B & W Canada                              | 160K-12             | 227              | PN# 5233759                  | 2006        | Installed                | YES             |
|      | Assembly #9                   | B & w Canada                              | 100K-12             | 221              | FIN# 3255739                 | 2000        | Instatied                | IES             |
|      | (R14)<br>Inspection Port      |                                           |                     |                  |                              |             |                          |                 |
|      | Test Cover                    |                                           |                     |                  |                              |             |                          |                 |
|      | Assembly #10                  | B & W Canada                              | 160K-13             | 228              | PN# 5233753-                 | 1 2006      | Installed                | YES             |
|      | (M10)                         |                                           |                     |                  |                              |             |                          |                 |
|      | Inspection Port<br>Test Cover |                                           |                     |                  |                              |             |                          |                 |
|      | Assembly #10                  | B & W Canada                              | 160K-14             | 229              | PN# 5233753-2                | 2 2006      | Installed                | YES             |
|      | (R10)                         |                                           |                     |                  |                              |             |                          |                 |
|      | Inspection Port               |                                           |                     |                  |                              |             |                          |                 |
|      | Test Cover<br>Assembly #11    | B & W Canada                              | 160K-15             | 230              | PN# 5233549-<br>PN# 5233558- |             | Installed                | YES             |
|      | (M9)                          |                                           |                     |                  | FIN# 5255556-                |             |                          |                 |
|      | Inspection Port               |                                           |                     |                  |                              |             |                          |                 |
|      | Test Cover                    | B & W Canada                              | 160K-16             | 231              | PN# 5233549-2                | 1 7006      | Installed                | YES             |
|      | Assembly #11                  |                                           | 10012-10            | 2.51             | PN# 5233558-2                | 2 2000      | motaneu                  | 115             |
|      | (R9)<br>Inspection Port       |                                           | <u></u>             |                  |                              |             | <u> </u>                 |                 |
|      | Test Cover                    |                                           | 1/017               |                  | DN# 5000751                  | 0000        | T. ( 1)                  |                 |
|      | Assembly #12                  | B & W Canada                              | 160K-17             | 232              | PN# 5233754                  | 2006        | Installed                | YES             |
| `~~' | (M6)                          |                                           |                     |                  |                              |             |                          |                 |

|                                                                                          |                                                          |                                                          |                       | Work Order N                               | umber         | Sheet                  |              |
|------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-----------------------|--------------------------------------------|---------------|------------------------|--------------|
|                                                                                          |                                                          |                                                          |                       | 16                                         | 82005         | 3 0                    | of 4         |
| 526 Se                                                                                   | Power Company<br>buth Church Street<br>btte, NC 28201-10 | t                                                        | 7800 Ro               | Nuclear Station<br>chester Hwy<br>SC 29672 |               | Date                   | NS - 1       |
| 3. Work Perfor                                                                           |                                                          |                                                          |                       | Type Code Sy                               |               |                        | 15/2006      |
| Duke                                                                                     | Power Company                                            |                                                          |                       | Authorization                              |               | Applicable             |              |
|                                                                                          | outh Church Stree                                        |                                                          |                       | - Evaluation Da                            |               | Applicable             |              |
|                                                                                          |                                                          |                                                          |                       | ' Expiration Da                            |               | Applicable             |              |
| 4. Identificatio                                                                         | n of System, ASME                                        |                                                          | Generator, ASM        | IE Class 1                                 |               |                        |              |
| <ul><li>(b) Applicable E</li><li>(c) Applicable S</li></ul>                              | Section XI Code Cas                                      | ASME Section<br>lized For R/R Activi<br>e(s) <u>Ńone</u> |                       | Edition, <u>No</u><br>Edition, <u>2000</u> |               |                        | Code Case    |
| Name of                                                                                  | n of Components                                          | Manufacturer<br>Serial Number                            | National<br>Board No. | Other<br>Identification                    | Year<br>Built | Corrected,<br>Removed, | ASME<br>Code |
| Component                                                                                | Manufacturer                                             | Jenar Number                                             |                       |                                            |               | or Installed           |              |
| Feedwater<br>Transducer<br>Assembly<br>(Y-2 Axis)                                        | Manufacturer<br>B & W Canada                             | 160K-18                                                  | 233                   | PN# 5233658-1                              | 2006          | or Installed           |              |
| Feedwater<br>Transducer<br>Assembly                                                      |                                                          |                                                          |                       |                                            | 2006<br>2006  |                        | (Yes / No    |
| Feedwater<br>Transducer<br>Assembly<br>(Y-2 Axis)<br>Feedwater<br>Transducer<br>Assembly | B & W Canada                                             | 160K-18                                                  | 233                   | PN# 5233658-1                              |               | Installed              | YES          |
| Feedwater<br>Transducer<br>Assembly<br>(Y-2 Axis)<br>Feedwater<br>Transducer<br>Assembly | B & W Canada                                             | 160K-18                                                  | 233                   | PN# 5233658-1                              |               | Installed              | YES          |
| Feedwater<br>Transducer<br>Assembly<br>(Y-2 Axis)<br>Feedwater<br>Transducer<br>Assembly | B & W Canada                                             | 160K-18                                                  | 233                   | PN# 5233658-1                              |               | Installed              | YES          |
| Feedwater<br>Transducer<br>Assembly<br>(Y-2 Axis)<br>Feedwater<br>Transducer<br>Assembly | B & W Canada                                             | 160K-18                                                  | 233                   | PN# 5233658-1                              |               | Installed              | YES          |
| Feedwater<br>Transducer<br>Assembly<br>(Y-2 Axis)<br>Feedwater<br>Transducer<br>Assembly | B & W Canada                                             | 160K-18                                                  | 233                   | PN# 5233658-1                              |               | Installed              |              |

#### Form NIS-2 Owner's Report for Repair/Replacement Activity

|                                                              |                                  | Work Order Numb | er S                                          | heet                                  |
|--------------------------------------------------------------|----------------------------------|-----------------|-----------------------------------------------|---------------------------------------|
|                                                              |                                  | 168200          | 5                                             | 4 of 4                                |
| 9. Remarks (Applicable Manufacturer's Dat                    | -                                |                 |                                               | · · · · · · · · · · · · · · · · · · · |
|                                                              |                                  |                 |                                               | _,*.·                                 |
| • Removed 3/4" SW Pipe Plug, from Feedy                      | water Riser at Axis Y-1 and Y-2. |                 | · · · · · · · · · · · · · · · · · · ·         |                                       |
| 0                                                            | ·                                |                 |                                               |                                       |
|                                                              |                                  |                 | •                                             |                                       |
| 0                                                            |                                  |                 |                                               | ·.                                    |
| <b>6</b>                                                     |                                  |                 |                                               |                                       |
| 6                                                            |                                  |                 |                                               |                                       |
| 0                                                            |                                  | · · · · ·       |                                               |                                       |
| 8                                                            |                                  |                 |                                               |                                       |
| <u> </u>                                                     |                                  |                 |                                               |                                       |
| <sup>®</sup>                                                 |                                  |                 |                                               | •                                     |
|                                                              |                                  |                 |                                               |                                       |
|                                                              | CERTIFICATE OF COMPLI            |                 | <u>, , , , , , , , , , , , , , , , , , , </u> |                                       |
| I certify that the statements made in ASME Code, Section XI. |                                  |                 | requirements                                  | of the                                |
| Type Code Symbol Stamp                                       | Not                              | Applicable      |                                               |                                       |
| Certificate of Authorization Number                          | Not Applicable                   | Expiration Date | Not App                                       | licable                               |
| Signed <u>Iwkamman</u><br>Owner or Owner's Design            | K.W. Rannou, Engineer            | Date            | 12/6/2006                                     |                                       |
| Owner or Owner's Design                                      | iee. Title                       |                 |                                               |                                       |

| I, the                                      | undersigned, holding a valid com                                                                                                                                                                                           | mission issued by the N                                                                               | ational Be                           | oard of Boiler and                                      | Pressure Vessel                                                    |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------|
|                                             | rs and the State or Province of                                                                                                                                                                                            |                                                                                                       |                                      | employed by                                             |                                                                    |
| of                                          | Hartford, Cor                                                                                                                                                                                                              | mecticut                                                                                              |                                      | have inspected th                                       | e components described                                             |
| in this Ov                                  | wner's Report during the period                                                                                                                                                                                            | 10-24-06                                                                                              | to                                   | 1-26-07                                                 | , and state that                                                   |
| described<br>By s<br>concernit<br>Inspector | est of my knowledge and belied<br>d in this Owner's Report in accord<br>igning this certificate neither the<br>ng the examinations and correct<br>r nor his employer shall be liable<br>ng from or connected with this ins | lance with the requireme<br>e Inspector nor his em<br>ive measures described<br>in any manner for any | ents of the<br>ployer m<br>d in this | e ASME Code, Sec<br>akes any warrant<br>Owner's Report. | ction XI.<br>ty, expressed or implied,<br>Furthermore, neither the |
|                                             | Beorett<br>Inspector's Signature                                                                                                                                                                                           | Commissions                                                                                           |                                      |                                                         | wince, and Endorsements                                            |
| Date                                        | 1-26-07                                                                                                                                                                                                                    |                                                                                                       |                                      |                                                         |                                                                    |

|                                             |                                |                                       |                    | Work Order Nur                        | nber           | Sheet                                 |                     |
|---------------------------------------------|--------------------------------|---------------------------------------|--------------------|---------------------------------------|----------------|---------------------------------------|---------------------|
| )                                           |                                |                                       |                    | 16823                                 | 37-14          | · 1                                   | of 2                |
| 1. Owner                                    |                                | 2. PI                                 | ant                |                                       | <u> </u>       | Unit                                  |                     |
| Duke Pov                                    | ver Company                    |                                       | Oconee Nu          | clear Station                         |                | O                                     | NS - 1              |
| 526 South                                   | n Church Street                |                                       | 7800 Roch          | ester Hwy                             |                | Date                                  |                     |
| Charlotte                                   | , NC 28201-1006                |                                       | Seneca, SC         | 29672                                 |                | 1/24                                  | 4/2007              |
| 3. Work Performe                            | d by                           |                                       |                    | Type Code Sym                         |                |                                       |                     |
|                                             |                                |                                       |                    |                                       | Not A          | plicable                              |                     |
|                                             | wer Company<br>h Church Street |                                       |                    | Authorization N                       |                | oplicable                             |                     |
|                                             | , NC 28201-1006                |                                       |                    | Expiration Date                       |                | opheaole                              |                     |
|                                             | ·                              |                                       |                    |                                       | Not A          | oplicable                             |                     |
| 4. Identification of                        | f System, ASME CI              |                                       | re Injection, ASN  | AE Class 2                            |                |                                       |                     |
| 5.                                          |                                |                                       |                    |                                       |                |                                       |                     |
| (a) Applicable Cons                         |                                | USAS B31.7                            |                    | Edition, No                           | _ Addend       | · · · · · · · · · · · · · · · · · ·   | Code Case           |
| • • • • •                                   | on Section XI Utilize          | •                                     | 19 98              | Edition,2000                          | Addend         | da.                                   |                     |
| (c) Applicable Sect<br>6. Identification of | ion XI Code Case(s             | ) None                                |                    | ·                                     |                | · · · · · · · · · · · · · · · · · · · |                     |
| Name of                                     | Name of                        | Manufacturer                          | National           | Other                                 | Year           | Corrected,                            | ASME                |
| Component                                   | Manufacturer                   | Serial Number                         | Board No.          | Identification                        | Built          | Removed,                              | Code                |
|                                             |                                |                                       |                    |                                       |                | or Installed                          | Stampe<br>(Yes / No |
| Letdown Storage                             | Chattanooga                    |                                       |                    |                                       |                | · · ·                                 |                     |
| Tank (1HPI TK                               | Boiler & Tank                  | UNK                                   | UNK                | UNK                                   | 1970           | Corrected                             | YES                 |
| 0001)                                       | Co.                            |                                       |                    |                                       | <u> </u>       |                                       |                     |
|                                             |                                | :                                     |                    |                                       |                |                                       | }                   |
|                                             |                                |                                       |                    |                                       |                |                                       |                     |
|                                             |                                |                                       |                    |                                       |                |                                       |                     |
|                                             |                                |                                       |                    |                                       |                |                                       |                     |
|                                             |                                |                                       |                    | · · · · · · · · · · · · · · · · · · · | ļ              |                                       |                     |
|                                             |                                |                                       |                    |                                       |                |                                       |                     |
|                                             |                                |                                       |                    |                                       |                |                                       | <b> </b>            |
|                                             |                                |                                       |                    |                                       |                |                                       |                     |
|                                             |                                | · · · · · · · · · · · · · · · · · · · |                    |                                       |                |                                       | <u> </u>            |
|                                             |                                |                                       |                    |                                       |                |                                       | · .                 |
|                                             |                                |                                       |                    |                                       |                |                                       |                     |
|                                             | · .                            |                                       |                    |                                       | <b></b>        | <b>_</b>                              |                     |
| [                                           |                                |                                       |                    |                                       | 1              |                                       |                     |
| 7. De estat                                 |                                |                                       |                    |                                       | l              |                                       | <u> </u>            |
| 7. Description of                           |                                |                                       | J                  | J                                     |                |                                       |                     |
| During an ISI insp<br>This repair remov     |                                |                                       |                    |                                       |                | mulcations of (                       | indercut.           |
| 8. Test Conducte                            |                                |                                       |                    | operation of a                        |                |                                       |                     |
| B. Test Conducte                            | <b></b>                        | ic Nominal (                          | Operating Pressure | Exempt                                | Other          |                                       |                     |
|                                             | Pressure                       |                                       | Test Temp          |                                       | _] Other<br>⁰F |                                       |                     |
| l i                                         |                                |                                       | 2000 2011          |                                       | *              |                                       |                     |

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| | Work Order Number | Sheet |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------|
| \bigcirc | 1682337-14 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) |) | |
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| CERTIFICATE OF I certify that the statements made in the report are correct | | ents of the |
| ASME Code, Section XI. | | |
| Type Code Symbol Stamp | Not Applicable | |
| Certificate of Authorization Number Not Applicable | Expiration Date Not A | Applicable |
| Signed Basil W. Curry H. Senior Er | ngineer Date 1/24/200 |)7 |
| Owner or Owner's Designee, Title | | <u></u> |
| | | |
| CERTIFICATE OF INSE | | |
| I, the undersigned, holding a valid commission issued by t Inspectors and the State or Province of <u>North Corocin</u> | he National Board of Boiler and Pressu | re Vessel HSB CT |
| of Hartford, Connecticut | have inspected the comp | |
| in this Owner's Report during the period 11-7-06 | to 1-26-07 | |
| to the best of my knowledge and belief, the Owner has p | | |
| described in this Owner's Report in accordance with the requi By signing this certificate neither the Inspector nor his | | |
| concerning the examinations and corrective measures desc | | |
| Inspector nor his employer shall be liable in any manner for kind arising from or connected with this inspection. | any personal injury or property damag | je or a loss of any |
| | | |
| Inspector's Signature | National Board, State, Province, ar | nd Endorsements |
| Date 1-26-07 | · · · · · · · · · · · · · · · · · · · | |
| | | |

| ~ | ~ | | | | Work Order Nur | nber | Sheet | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|------------------------------------------------|--------------------------------------------|------------------|----------------------------------------|---------------------------------------|
| Í | J | | | | 01667. | 277-06 | 1 0 | of 2 |
| | 526 South | ver Company A Church Street A NC 28201-1006 | 2. P | lant Oconee Nuc 7800 Roche Seneca, SC | ster Hwy | | Date | NS - 1 7/2006 |
| | 3. Work Performed | d by | | | Type Code Sym | | I | 72000 |
| | Duke Pov | ver Company | | | Authorization N | | pplicable | |
| | | n Church Street , NC 28201-1006 | | | | Not Aj | pplicable | |
| | | , NC 28201-1000 | , | | Expiration Date | | pplicable | |
| • | 4. Identification of | System, ASME CI | | PI, ASME Class 2 | | | | |
| | 5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section 6. Identification of | on Section XI Utilize ion XI Code Case(s | | ······ | Edition, <u>No</u> Edition, <u>2000</u> | Addeno Addeno | | Code Case |
| _ | Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) |
| `` | 1A LPI Cooler (1) | Atlas Industrial Manufacturer | 884 | 734 | Tag 1LP-C1A | 1969 | Corrected | YES |
| | | | | | | | | |
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| | | | | | | | | |
| | 7. Description of PM inspections of access. Most of the convenience the n | f the 1A LPI Cool he end cover bolti | ng material (1-1/ | 4" nuts) had exten | sive surface corr | | | |
| | 8. Test Conducte | | tic 🗌 Nominal (PSI | Operating Pressure Test Tempe | |] Other °F | visual | |

| \sim | Work Order Number | Sheet |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------|
| | 01667277-06 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | L | |
| • Replaced all (quantity = 96) 1-1/4-inch diameter, 8 UN-2B nuts on 1A UTC # 0001067845. | . LPI Cooler channelhead cover. St | ock Code # 131861, |
| 0 | Anti- 1-111100-0000000000000000000000000000 | |
| 6 | | |
| 9 | | |
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| 0 | | |
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| | | |
| CERTIFICATE OF COMP | PLIANCE | |
| I certify that the statements made in the report are correct and the ASME Code, Section XI. | hat this conforms to the requirem | ients of the |
| Type Code Symbol Stamp N | lot Applicable | |
| Certificate of Authorization Number Not Applicable | Expiration Date Not | Applicable |
| Signed James H Batton engineer Owner or Owner's Designee, Title | er Date <u>Sept. 9, 200</u> | 16 |
| | | |
| CERTIFICATE OF INSERVICE | | |
| I, the undersigned, holding a valid commission issued by the Na | ational Board of Boiler and Pressi | |
| Inspectors and the State or Province of North CaroLINA | and employed by | HSB CT |
| of Hartford, Connecticut in this Owner's Report during the period 9-7-2-4 | have inspected the com to <i>io/iz/oc</i> | nponents described , and state that |
| to the best of my knowledge and belief, the Owner has perform | rmed examinations and taken c | corrective measure |
| described in this Owner's Report in accordance with the requirement By signing this certificate neither the Inspector nor his emp | ents of the ASME Code, Section X | KI. |
| concerning the examinations and corrective measures described | d in this Owner's Report. Furth | nermore, neither th |
| Inspector nor his employer shall be liable in any manner for any p kind arising from or connected with this inspection. | | |
| mk | · · · · / //// · · · · · · | |
| Inspector's Signature | National Board, State, Province, a | and Endorsements |

Date 10/12/06

| \bigcirc | | | | Work Order Nun | nber | Sheet | |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------|-----------------------|--------------------------------------------|----------------------|----------------------------------------|---------------------------------------|
| () | | | | 016742 | 262-01 | 1 | of 2 |
| 1 Owner | (| 2. Pla | ant | | | Unit | |
| Duke Pov | ver Company | | Oconee Nu | clear Station | | 01 | NS - 1 |
| | n Church Street | | 7800 Roche | ester Hwy | | Date | |
| Charlotte | , NC 28201-1006 | | Seneca, SC | 29672 | | 11/2 | 0/2006 |
| 3. Work Performe | d by | | | Type Code Sym | | oplicable | |
| | wer Company h Church Street | | | Authorization N | umber | | |
| | , NC 28201-1006 |) | | Expiration Date | | oplicable | |
| 4. Identification of | Evetom ASME CI | | ····· | | Not Ap | oplicable | · |
| 4. Identification of | System, ASME C | | iteam, ASME Cl | ass 2 | | | |
| 5. (a) Applicable Cons (b) Applicable Editi (c) Applicable Sect | on Section XI Utilize ion XI Code Case(s | | | Edition, <u>No</u> Edition, <u>2000</u> | _ Addeno _ Addeno | | Code Case |
| 6. Identification of | Components | | | | _ | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) |
| 1MS-14 | Crosby | None | None | None | UNK | Corrected | NO |
| | | | | | | | |
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| 7 Dependention f |) Morik | | | | | | |
| 7. Description of Replaced disc ins Replacement of d | ert because seat st | | | nension after lappi | ng to imp | prove sealing s | urface. |
| 8. Test Conducte | ed | | | | | | |
| Hydrost | | | perating Pressure | Exempt 🛛 | | F/V Leak Chec | k |
| | Pressure | PSI | Test Temp | erature | • F | | |

Form NIS-2 Owner's Report for Repair/Replacement Activity

As required by the provisions of the ASME Code Section XI

1

| | | Work Order Numbe | r | Sheet |
|----------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|------------|--------------------------|
|) | | 01674262- | ·01 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports | s to be attached) | _1 | - | <u></u> |
| | | | | |
| 1 Disc Insert, Stock Code #: 113418, UTC #: 988442 | 2 | | | |
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| | | | | <u> </u> |
| | RTIFICATE OF COMPLIA | | | · |
| I certify that the statements made in the repo ASME Code, Section XI. | | | requiremen | ts of the |
| Type Code Symbol Stamp | Not 2 | Applicable | | |
| Certificate of Authorization Number Not | ot Applicable | Expiration Date | Not Ap | plicable |
| Signed Owner or Owner's Designee, Title | /Sr. Engineer | Date | 11/20/2006 | • |
| | | | | |
| CERTIFIC | CATE OF INSERVICE INS | SPECTION | | |
| I, the undersigned, holding a valid commission | | nal Board of Boiler ar and employed by | | |
| of Hartford, Connectic | | | | BB CT nents described |
| in this Owner's Report during the period | 10-23-06 | to 1-22-07 | | , and state that |
| to the best of my knowledge and belief, the described in this Owner's Report in accordance w | | | | ective measure |

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

IKKI NIABC Commissions el N Inspector's Signature National Board, State, Province, and Endorsements

Date 1-22-07

| ~ | | | | | Work Order Nu | imber | | Sheet |
|---------------|---------------|---------------------------------------------|---------------------------------------|-----------------|-----------------|-------------|---------------------------------------|---------------------------------------|
| | 01589004 | | | | | 1 of 2 | | |
| 1. Owner | | | | 2. Plant | | | | Unit |
| Du | ike Pow | er Company | | Oc | onee Nuclear | Station | | ONS - |
| | | Church Street | | | 00 Rochester | | | 1 Date |
| | | NC 28201-1006 | | | neca, SC 296 | | | 11/8/2006 |
| | | | | | Type Code Syn | what Stamp | | 11/8/2000 |
| 3. Work Pe | ertormea | р | | | Type Code Syn | Not App | licable | |
| | | er Company | | | Authorization I | Number | | |
| | | Church Street | | | | Not App | licable | |
| Cł | narlotte, | NC 28201-1006 | | | Expiration Date | | 1 | |
| 4 1 1 | | | | | | Not App | | · · · · · · · · · · · · · · · · · · · |
| 4. Identifica | ation of | System, ASME Cla | ss P-25 , High Pres | sure Injection | System, ASM | E Class 2 | | |
| 5. | | | | | | | <u> </u> | |
| (a) Applicat | | LISAS | S B31.7 | 19,69 | Edition, | No Addenda, | No | Code Case |
| Construction | | | | 19 89 | · · · | | | - |
| | | n Section XI Utilized on XI Code Case(s) | N-556 | 19 | Edition, | No Addenda. | | |
| | | Components | | | | | | <u></u> |
| Name o | | Name of | Manufacturer | National | Other | Year Built | Corrected, | ASME Code |
| Compon | | Manufacturer | Serial Number | Board No. | Identificatio | | Removed, | Stamped |
| | | | | | | | or Installed | (Yes / No) |
| | | | | | · | | | ļ |
| 1HP-25 | | Powell | UNK | UNK | NONE | UNK | Corrected | NO |
| | | | | | | | | • |
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| | | | | | | | | |
| 7. Descrip | | | | | | | | |
| | | edge on 1HP-25 w | | | | | | |
| | | ailed in PIP O-01- lrawing OM 201-1 | | | | | | |
| | | 4 Grade 2H for the | | | | | | |
| | | aterial. The Catalo | | | | | Ų | |
| | | alog ID for the nut | s is 293556, UTC | C number is 10 | 88212. | | | |
| 8. Test Co | | | | | | | | |
| | Hydrosta – | | | perating Pressu | | | / Leak Check | - |
| | Pressure | | PSI | Test Temp | erature | °F | | |
| | - | | · · · · · · · · · · · · · · · · · · · | | | | · · · · · · · · · · · · · · · · · · · | |

| | Ύε Έ | Work Order Number 015 8 9004 | Sheet |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------|
| ر ب ا | Remarks (Applicable Manufacturer's Data Reports to be attached) | 98477/09 FRB | 2 of 2 |
| | 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | | |
| | Wedge w/ Hardfacing on the guides, Stock Code # 530427, Serial # B8042-5 | | |
| | Body/Bonnet Nuts, Stock Code # 293556, UTC # 0001088212, ASME SA194 | I, Gr 2H, HT # LVH | |
| | Body/Bonnet Studs, Threaded Rod Stock Code # 297412, UTC # 0001821109, | , ASME SA193, Gr B7, HT # 73 | 1500 |
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| | CERTIFICATE OF COMPLIAN I certify that the statements made in the report are correct and that th | | ata af tha |
| | ASME Code, Section XI. | | |
| | Type Code Symbol Stamp Not Ap | pplicable | |
| | Certificate of Authorization Number Not Applicable | Expiration Date Not A | pplicable |
| | | Date 11-13-06 | |
| | Owner or Owner's Designee, Title | | |
| ſ | | | |
| | CERTIFICATE OF INSERVICE INSE | | |
| | I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of <u>NewTH CAROLINA</u> a of Hartford, Connecticut | | ISB CT |
| | in this Owner's Report during the period 1-22-07 to | 0 1-22-07 | , and state that |
| | to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his employer concerning the examinations and corrective measures described in the Inspector nor his employer shall be liable in any manner for any person kind arising from or connected with this inspection. | f the ASME Code, Section XI. er makes any warranty, expre his Owner's Report. Further | ressed or implied, rmore, neither the |
| (_) | Lispector's Signature | NIMBC National Board, State, Province, and | d Endorsements |
| | Date <u>/-22-0</u> | | |

| | | | | | Work Order Num | ber | Sheet | |
|----------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------|--------------------------------------|--------------------------------------------|---------------------------|---------------------------------------|---------------------------------------|
| $\overline{)}$ | | | | | 98750 |)867 | 1 | of 2 |
| Ì | 1. Owner | | 2 | 2. Plant | | | Unit | |
| | 526 South | ver Company Church Street | | 7800 Roche | • | | Ol Date | NS - 1 |
| | Charlotte, | NC 28201-1006 | | Seneca, SC | 29672 | | 6/13 | 3/2006 |
| | 3. Work Performed | - | | | Type Code Symb | ool Stamp Not Applie | cable | |
| | | ver Company n Church Street | | | Authorization Nu | mber Not Applie | cable | |
| | Charlotte | , NC 28201-1006 | | | Expiration Date | Not Appli | cable | |
| | 4. Identification of | | | Pressure Injection Pur | np, ASME Class 2 | 2 | | |
| | 5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section | on Section XI Utilize ion XI Code Case(s | | | Edition, <u>No</u> Edition, <u>2000</u> | _ Addenda, _ Addenda. | No (| Code Case |
| | 6. Identification of Name of Component | Components Name of Manufacturer | Manufactur Serial Numb | | Other Identification | Built F | Corrected, Removed, r Installed | ASME Code Stamped (Yes / No) |
| 0 | ON1LPIPU0003 | Ingersoll- Dresser | UNK | UNK | Mechanical Seal See Remark #1 | UNK | Removed | NO |
| | ON1LPIPU0003. | Ingersoll- Dresser | 0370-37 | UNK | Mechanical Seal See Remark #2 | UNK | Installed | NO |
| | ON1LPIPU0003 | UNK | UNK | UNK | 1/2" Pipe Plug See Remark #3 | UNK | Installed | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | 4 | |
| · 、 | 7. Description of Replacement of n parts will be repla | nechancial seal lea | ık requires co | omplete dissassembly | of the pump. All | parts will be | inspected | and worn |
| <u>)</u> | 8. Test Conducte | | | inal Operating Pressure Test Temp | | Other <u>PT</u> | /1/A/0203/0 | 06A |

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| As required by the provisions of the ASME code Section XI | Work Order Number | Sheet |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|
|) | 98750867 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | 20130001 | |
| | ····· | |
| • The LPI mechanical seal is being replaced due to leakage issues. | | |
| Assembly, Rotating Element, Pump, 26672, N, 8X1A500X11, Ingersoll-D 8CX15A5ll (QTY: 1) | resser pump (UTC# 1039919, S/C | C# 465881, P/N# |
| Plug, Pipe, 1/2", SS, ASME SA 182, F304, Hex, Thd, ANSI B16.11,1003M 154012) (QTY: 2) | 12HJ4K0B004, B,ASM_(UTC#10 |)72642, S/C# |
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| CERTIFICATE OF COMPLIA | NCE | |
| I certify that the statements made in the report are correct and that ASME Code, Section XI. | this conforms to the requireme | nts of the |
| | Applicable | |
| Certificate of Authorization Number Not Applicable | Expiration Date Not A | pplicable |
| Signed,Assistant Engineer Owner or Owner's Designee, Title | Date6//3/06 | 2 |
| | | |
| CERTIFICATE OF INSERVICE IN | SPECTION | |
| I, the undersigned, holding a valid commission issued by the Nation | | |
| Inspectors and the State or Province of North CAROLINA | | ISB CT |
| of Hartford, Connecticut in this Owner's Report during the period 3.2-06 | to have inspected the comp | , and state that |
| to the best of my knowledge and belief, the Owner has performed | (-// / / - | |
| described in this Owner's Report in accordance with the requirements of | | |
| By signing this certificate neither the Inspector nor his employ concerning the examinations and corrective measures described in | | |
| Inspector nor his employer shall be liable in any manner for any pers kind arising from or connected with this inspection. | | |
| Commissions () | 1004 NIDRI | |
| Inspector's Signature | National Board, State, Province, an | d Endorsements |

Date <u>7-14-06</u>

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| | | | | | | Work Order Num | nber | Sheet | |
|--------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------|--------------------------------|---------------|----------------------------------------|----------------------|----------------------------------------|---------------------------------------|
| | 2 | х. — т | | | • • | 98769366/ | 0166981 | 2 1 | of 2 |
| | 1. Owner | | | 2. Plant | | | | Unit | |
| | | ver Company Church Street | | Oconee 7800 R | | ear Station er Hwy | | O Date | NS - 1 |
| | 1 | NC 28201-1006 | | Seneca, | | - | | | 29/2006 |
| | 3. Work Performed | d by | | | | Type Code Sym | | plicable | |
| | 526 South | ver Company n Church Street | | | | Authorization Nu | | plicable | |
| | Charlotte | , NC 28201-1006 | j | | | Expiration Date | | plicable | |
| | 4. Identification of | System, ASME CI | ass Low Pre | essuer Injection, A | ASME | rab 12/2 Class 2 | 10,6 | | |
| | 5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section | on Section XI Utilize on XI Code Case(s | | | | ition, <u>No</u> ition, <u>2000</u> | _ Addend _ Addend | | Code Case |
| | 6. Identification of | Components | | | | | | | |
| 0 | Name of Component | Name of Manufacturer | Manufactur Serial Numl | | | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) |
| \Box | S/R 53A-0-478A- H3B | DPC | None | None | | None | 2006 | Corrected | NO |
| | | | | | | | | | |
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| | | | | | | | | | |
| | 7. Description of V | Mork | L | | | | | | L |
| . 1 | 7. Description of S/R 53A-0-478A- | | o existing tru | nions to increase | suppo | rt capacity. | | | |
| | 8. Test Conducte | | | inal Operating Press Test T | ure empers | |] Other °F | | |

| As required by the provisions of the ASME Code Section AT | | |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------|
| | Work Order Number | Sheet |
| | 98769366/01669812 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | | l |
| · · · · · · · · · · · · · · · · · · · | | |
| • S/R 53-0-478A-H3B - Add lugs to existing trunions. Plate, UTC1075568. | Flather ITC 1088226 and 1088 | 2004 |
| US/K 55-0-4/0A-m3D - Add lugs to existing runnons. Trate, 0101010000. | Flat Dat, 010 1000220 and 1000 | 224. |
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| CERTIFICATE OF COMPLIA | NCE | |
| I certify that the statements made in the report are correct and that | | ents of the |
| ASME Code, Section XI. | ····· , | |
| Type Code Symbol Stamp Not A | Applicable | |
| Certificate of Authorization Number Not Applicable | | pplicable |
| $O D \cdot L$ | · · · · · · · · · · · · · · · · · · · | |
| Signed the tark mcc ENGINEER Owner or Owner's Designee, Title | Date 11/29/06 | |
| Gwilei of Gwilei a Designee, The | | |
| | · · · · · · · · · · · · · · · · · · · | |
| | | |
| I, the undersigned, holding a valid commission issued by the Nation Inspectors and the State or Province of Areas A | | re Vessel ISB CT |
| of Hartford, Connecticut | have inspected the comp | |
| | to 12-2-06 | , and state that |
| to the best of my knowledge and belief, the Owner has performed | d examinations and taken co | |
| described in this Owner's Report in accordance with the requirements of | | and an invalid |
| By signing this certificate neither the Inspector nor his employe concerning the examinations and corrective measures described in | er makes any warranty, expr this Owner's Report. Further | essed or implied, more neither the |
| Inspector nor his employer shall be liable in any manner for any pers | | |
| kind arising from or connected with this inspection. | - | |

 Commissions
 Sci4444 Singer

 Inspector's Signature
 Commissions

 Date
 12=2-26

| | | | | | Work Order Nun | nber | Sheet | |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|---------|-------------------------------|----------------------------------------------|-----------------|----------------------------------------|---------------------------------------|
| | | | | | 16554 | 36-03 | 1 | of 2 |
| 526 South | ver Company n Church Street , NC 28201-1006 | | 2. Pla | | • | | Date | NS - 1 9/2006 |
| 3. Work Performe | d by | l | | | Type Code Sym | | | |
| 526 Soutl | wer Company h Church Street , NC 28201-1006 | 5 | | ۰. ۱ | Authorization N Expiration Date | umber Not Aj | oplicable | |
| 4. Identification of | | | lant M | fakeup 10 gal. A | Accumulator, ASM | | oplicable 2 | |
| (a) Applicable Cons (b) Applicable Editi (c) Applicable Sect 6. Identification of | on Section XI Utilize ion XI Code Case(s | | | 19 <u>74</u> 19 <u>98</u> | Edition, <u>1975</u> Edition, <u>2000</u> | Addend | | Code Case _. |
| Name of Component | Name of Manufacturer | Manufactu Serial Num | | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) |
| PIPE PLUG | Mackson Inc. | UNK | | UNK | UNK | UNK | Installed | NO |
| PIPE PLUG | UNK | UNK | | UNK | UNK | UNK | Removed | NO |
| | | | | | | | | |
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| Description of The work being c replacing the exis Test Conducte | ompleted involves ting pipe plug wit | s removing tl h a new one. | he old | l pipe plug from | the SSF RCMUP | 10 gallso | on accumulator | and |
| Hydrost | | | ninal O | perating Pressure Test Tem | | Other _ °F _ | SSSF RCMUP | TEST |
| | | | | | | | | L |

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| | Work Order Nu | mber | Sheet |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------|----------------------------------------|
| | 165543 | 36-03 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | | · · · · · · · · | |
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| CERTIFICATE OF C | | | . |
| I certify that the statements made in the report are correct a ASME Code, Section XI. | nd that this conforms to | the requirement | nts of the |
| Type Code Symbol Stamp | Not Applicable | | |
| Certificate of Authorization Number Not Applicable | Expiration Date | Not A | pplicable |
| Signed Invited , Assistant Eng | ineer Date | 11/9/200 | |
| Owner or Owner's Designee, Title | | ····· | |
| | | | |
| CERTIFICATE OF INSER | /ICE INSPECTION | | |
| I, the undersigned, holding a valid commission issued by the | | | |
| Inspectors and the State or Province of <i>North Creecium</i> of Hartford, Connecticut | and employed by | | SB CT onents described |
| in this Owner's Report during the period $1/-7-c_{6}$ | · <u>····································</u> | -06 | , and state that |
| to the best of my knowledge and belief, the Owner has pe | | | |
| described in this Owner's Report in accordance with the require | ments of the ASME Cod | le, Section XI. | |
| By signing this certificate neither the Inspector nor his | | | |
| concerning the examinations and corrective measures descri Inspector nor his employer shall be liable in any manner for a kind arising from or connected with this inspection | | | |
| kind arising from or connected with this inspection. | :1- 11.111 | | |
| Inspector's Signature | s <u>NC1444</u> 0 National Board, St | <i>INBC</i> tate, Province, and | d Endorsements |
| Date 11-21-06 | | | |

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| | | | | Work Order Nun | nber | Sheet | |
|--------------------------------------------------------------------------------|---------------------------|---------------------------------------|--------------------------|---------------------------------------|---------------|----------------------------------------|-------------------------------|
| | | | | 16554 | 37-03 | 1 | of 2 |
| 1. Owner | | 2. Pla | ant | | | Unit | |
| Duke Pov | ver Company | | Oconee Nu | clear Station | | IO | NS - 1 |
| | n Church Street | | 7800 Roch | | | Date | |
| Charlotte | , NC 28201-1006 | | Seneca, SC | 29672 | | × 11/9 | 9/2006 |
| 3. Work Performe | d by | · · · · · | | Type Code Sym | | | |
| Duke Po | wer Company | | | | | oplicable | |
| | h Church Street | | | Authorization N | | oplicable | |
| Charlotte | , NC 28201-1006 | | | Expiration Date | | | |
| 4. Identification o | f Systom ASME CI | 266 | | | Not Aj | plicable | |
| 4. identification o | | | olant Makeup St | rainer, ASME Cla | ss 2 | | |
| 5.(a) Applicable Con(b) Applicable Edition | | ASME Section III | | Edition, <u>1975</u> Edition, 2000 | _ Addeno | ······· | Code Ca |
| (c) Applicable Sect | | • | | | | | i. |
| 6. Identification o | f Components | · · · · · · · · · · · · · · · · · · · | <u> </u> | <u></u> ,, | | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASM Cod Stamp (Yes / |
| VENT COCK | ZURN Industries | UNK | UNK | UNK | UNK | Installed | NC |
| VENT COCK | Greer Hydraulics | UNK | UNK | UNK | UNK | Removed | NC |
| | | | | | | | |
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| 7. Description of The exiting vent | Work cock on the U1 RC | CMU Strainer wil | be removed fro | m service and rep | laced wit | h a new vent co | ock. |
| ۰ | | <u></u> | | | | | |
| 8. Test Conduct | _ | | | K | | SSF RCMUP T | |
| Hydros | | | Derating Pressure | Exempt | | | |

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| | | | Work Order Number | Sheet |
|----------------------|-----------------------------------|---------------------------------------|----------------------------------------|--------|
| | | | 1655437-03 | 2 of 2 |
| 9. Remarks (Applical | ble Manufacturer's Data Reports t | o be attached) | | |
| | | · | | |
| 0 | ; | | | |
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| | | IFICATE OF COMPLIA | | |

| I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|----------------|--|--|--|--|--|--|--|
| Type Code Symbol Stamp | Not | Applicable | <u></u> | | | | | | | |
| Certificate of Authorization Number | Not Applicable | Expiration Date | Not Applicable | | | | | | | |
| Signed Owner's Designed | , Assistant Engineer e, Title | Date | 11/9/2006 | | | | | | | |

| CERTIFICA | TE OF INSERVIO | E INSPEC | TION | <u> </u> |
|-----------------------------------------------------|----------------|------------|---------------------------|-------------------------|
| I, the undersigned, holding a valid commission | | | | |
| Inspectors and the State or Province of North | CARELINA | | employed by | |
| of Hartford, Connecticu | | | have inspected the | components described |
| in this Owner's Report during the period | 11-7-06 | to | 11-20-06 | , and state that |
| to the best of my knowledge and belief, the C | Owner has perf | ormed exa | minations and take | en corrective measures |
| described in this Owner's Report in accordance w | | | | |
| By signing this certificate neither the Inspe | | | | |
| concerning the examinations and corrective me | | | | |
| Inspector nor his employer shall be liable in any | | personal | injury or property of | lamage or a loss of any |
| kind arising from or connected with this inspection | ۱. | | | |
| CIR to | Commissions | | VIII . I. mas | |
| Inspector's Signature | Commissions | <u>NO7</u> | ional Board, State, Provi | ince and Endorsements |
| inspector s Signature | | INALI | ioliai Doalu, State, 1104 | ince, and Endorsements |
| Date 11-20.04 | | | | |
| | | | | |

| <i>.</i> | ~ | | | | Work Order N | lumber | Sheet | |
|----------|---------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------------------|-----------------------------|----------------------------------------|---------------------------------------|
| ł | <u>)</u> | | | | 16 | 56157 | 1 | of 2 |
| | 1. Owner | | 2. P | lant | | | Unit | |
| | | ver Company Church Street | | Oconee Nu 7800 Roche | clear Station | • | | NS - 1 |
| | | NC 28201-1006 | | Seneca, SC | • | | Date 11/2 | 9/2006 |
| | 3. Work Performed | d by | <u> </u> | | Type Code Sy | mbol Stamp Not Ap | plicable | |
| | | ver Company n Church Street | | | Authorization | | | |
| | 1 | , NC 28201-1006 | | | Expiration Da | | • • • • • • • | |
| | 4. Identification of | System ASME CI | 200 | <u> </u> | | Not Ap | | |
| | | | | ilding Component | s, ASME Class | 2 | | |
| | 5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section | on Section XI Utilize | • | | Edition, <u>No</u> Edition, <u>2000</u> | | | Code Case |
| | 6. Identification of | Components | | | | · · · · · · | | |
| | Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) |
| š | Hanger 1-57- 481A-H6592 | DPC | Non | None | None | 1972 | Corrected | NO |
| | | | | | | | | |
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| | 7 Departmention of | Mark | | | | | | |
| | 7. Description of Install 1/2 inch sh | | ithin specificatio | n. | | | | |
| é. | 8. Test Conducte | d | | | | | - | |
| | Hydrost | | | Operating Pressure Test Temp | | Other | | |
| | L | | | | | | | |

1.

| As required by the provisions of the ASIME Code | Section AI | | |
|--------------------------------------------------------------------|-------------------------------|---------------------------------------|-------------------------|
| | | Work Order Number | Sheet |
|) | | 1656157 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data | Reports to be attached) | . <u>.</u> | |
| • "X 5" x 1/2" Flat Bar; Carbon Steel, ASTN | A A36; S/C 21618, UTC 10927. | 30. | |
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| | CERTIFICATE OF COMPLIA | NCE | |
| I certify that the statements made in th ASME Code, Section XI. | e report are correct and that | this conforms to the re- | quirements of the |
| Type Code Symbol Stamp | Not A | Applicable | |
| Certificate of Authorization Number | Not Applicable | Expiration Date | Not Applicable |
| Signed <u>Darily Carrow</u> Owner or Owner's Designed | Senior Engineer e, Title | Date1 | 1/29/2006 |
| / | | | |
| CE | RTIFICATE OF INSERVICE IN | SPECTION | |
| I, the undersigned, holding a valid con | | · · | Pressure Vessel |
| Inspectors and the State or Province of | UNRTH PAROLINA | and employed by | HSB CT |
| of Hartford, Con | | · · · · · · · · · · · · · · · · · · · | e components described |
| in this Owner's Report during the period | | to 1-22-07 | , and state that |
| to the best of my knowledge and belie | f, the Owner has performed | d examinations and ta | |
| described in this Owner's Report in accord | | | |
| By signing this certificate neither th | e inspector nor his employ | er makes anv warran | ty expressed or implied |

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

Commissions <u>NC1444 NIAB</u> National Board, State, Province, and Endorsements sell Inspector's Signature

Date 1-22-07

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| | | | | | | Work Order Num | nber | | Sheet | |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------|---------|---------------------------------------------------------------------------|--------|--------------------------------------|-------------------------|----------|----------------------------|---------------------------------------|
|) | | | | | | 1656 | 5208 | | 1 | of 2 |
| 1. Owner | · · · · · · · · · · · · · · · · · · · | - | 2. Pla | nt | | | | | Unit | |
| Duke Power Co 526 South Chu | | | | Oconee Nu 7800 Roch | | | | | | NS - 1 |
| Charlotte, NC | | | | Seneca, SC | | • | | | Date | 0/2006 |
| | | | | ,, | | | hal Ctamp | · | 11/2 | 9/2006 |
| 3. Work Performed by | | | | | | Type Code Syml | Not Ap | oplicabl | e | |
| Duke Power C 526 South Chu | | | | , | | Authorization Nu | u mber Not Ap | oplicabl | e | |
| Charlotte, NC | 28201-1006 | | | | | Expiration Date | Not Ap | plicabl | e | |
| 4. Identification of Syste | | | r Build | ling Componen | its, 4 | ASME Class 2 | | | | |
| 5. (a) Applicable Construction (b) Applicable Edition Section (c) Applicable Section XI | on Code: ction XI Utilize | USAS B3 d For R/R Ac | 31.7 | $ \begin{array}{c} 19 & 69 \\ 19 & 98 \\ - \\ \end{array} $ | Edi | tion, <u>No</u> tion, <u>2000</u> | Addend Addend | | No C | Code Case |
| 6. Identification of Com | ponents | | | | | | | | | |
| | Name of nufacturer | Manufactu Serial Num | | National Board No. | | Other dentification | Year Built | Rem | ected, oved, stalled | ASME Code Stamped (Yes / No) |
| Hanger 1-57- 481A-H6590 | DPC | None | | None | | None | 1972 | Con | rected | NO |
| | | | | | | | | | | |
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| 7. Description of Work Add weld metal to two | welds to brir | ng them wit | hin Co | mpany Specific | catio | on. | | | | |
| 8. Test Conducted | | | | - <u></u> | | | | | | |
| Hydrostatic | Pneumáti | | | perating Pressure Test Temp | - | Exempt |] Other °F | | | |

| ~ | | Work Order Number | Sheet |
|---------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| () | | 1656203 | 2 of 2 |
| | 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | | |
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| | I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not A | his conforms to the requireme | nts of the |
| | | Expiration Date Not A | pplicable |
| | Signed Da - Wi Construction Senior Engineer [Owner or Øwner 's Designee, Title | Date11/29/200 | 06 |
| 1 | | | |
| I | CERTIFICATE OF INSERVICE INSI | DECTION | |
| | I, the undersigned, holding a valid commission issued by the Nationa | al Board of Boiler and Pressur and employed by <u>H</u> have inspected the comp <u>have inspected the comp</u> examinations and taken con the ASME Code, Section XI. r makes any warranty, expr his Owner's Report. Further onal injury or property damag | ISB CT onents described , and state that rective measures essed or implied, more, neither the |
| | Date 1-22-07 | National Board, State, Province, and | d Endorsements |
| | | | |

| \sim | | | | | Work Order Nu | mber | Sheet | |
|----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------|-----------------------------------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|
| 4 | | | | | 01678 | 644-29 | 1 | of 2 |
| | 526 South | ver Company a Church Street , NC 28201-1006 | | Plant Oconee Nu 7800 Roch Seneca, SC | • | | Date | NS - 1 4/2006 |
| | 3. Work Performed | d by | | | Type Code Syn | | anliachla | |
| | | wer Company | | | Authorization N | lumber | oplicable | · |
| | | h Church Street , NC 28201-1006 | 5 | | Expiration Date | ; | oplicable oplicable | |
| | 4. Identification of | System, ASME C | | SW, ASME Clas | s 2 | | | |
| | Applicable Cons Applicable Edition Applicable Section Identification of | on Section XI Utilize ion XI Code Case(s | • | 19 <u>69</u> 19 <u>98</u> | Edition, <u>No</u> Edition, <u>2000</u> | Addeno | | Code Case |
| <u> </u> | Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) |
| .) | 1-14B-480C- H6496 | DPC | NA | NA | NA | 1975 | Removed | NO |
| | 1-14B-480C- H6496 | DPC | NA | NA | NA | 1975 | Installed | NO |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | |
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| | Description of Hanger 1-14B-480 change-out. The h welding it to the r Test Conducted | 0C-H6496 was te hanger was remov notor housing. No | ed by grinding o | ff existing welds | from the motor he | ousing plat | | |
| | 8. Test Conducte | _ | | Operating Pressure Test Tem | | Other °F | | |

| | Work Order Number | Sheet |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 01678644-29 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | · · · · · · · · · · · · · · · · · · · | |
| • Hanger was welded back in its original location. | | |
| 0 | | |
| 0 | | |
| 9 | | |
| 0 | | |
| 0 | | |
| 0 | | |
| 8 | | |
| 9 | | |
| | | |
| CERTIFICATE OF COM I certify that the statements made in the report are correct and ASME Code, Section XI. | IPLIANCE | ments of the |
| CERTIFICATE OF COM I certify that the statements made in the report are correct and ASME Code, Section XI. Type Code Symbol Stamp | IPLIANCE that this conforms to the require Not Applicable Expiration Date <u>No</u> | ements of the ot Applicable |
| CERTIFICATE OF COM I certify that the statements made in the report are correct and ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization NumberNot Applicable | IPLIANCE that this conforms to the require Not Applicable Expiration Date <u>No</u> | <u> </u> |
| CERTIFICATE OF COM I certify that the statements made in the report are correct and ASME Code, Section XI. Type Code Symbol Stamp | IPLIANCE that this conforms to the require Not Applicable Expiration Date Note $12 - 4 - 66$ | <u> </u> |
| CERTIFICATE OF COM I certify that the statements made in the report are correct and ASME Code, Section XI. Type Code Symbol Stamp <u>Mathematical Stamp</u> Certificate of Authorization Number <u>Not Applicable</u> Signed <u>Owner or Owner's Designee, Title</u> | IPLIANCE that this conforms to the require Not Applicable Expiration Date Not Applicable Expiration Date Not Applicable Expiration Date Not Applicable Expiration Date Not Applicable Image: Section Date Not Applicable Image: Section Date Not Applicable Image: Section Date Imag | ot Applicable ssure Vessel HSB CT omponents describe , and state the corrective measur XI. expressed or implie thermore, neither t |

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| `. | | | | Work Order Nun | nber | Sheet | |
|--------------------------|----------------------------------|---------------------------------------|--------------------|----------------------|-----------|---------------------------------------|-----------------|
| | | | | 016786 | 544-17 | 1 | of 2 |
| 1. Owner | | 2. PI | ant | | | Unit | |
| Duke Po | wer Company | | Oconee Nu | clear Station | | OI | NS - 1 |
| 526 Sout | th Church Street | | 7800 Roch | ester Hwy | | Date | |
| Charlott | e, NC 28201-1006 | | Seneca, SC | 29672 | | 12/4 | 4/2006 |
| 3. Work Perform | ed by | · · · · · · · · · · · · · · · · · · · | | Type Code Sym | bol Stamp | | |
| | - | | | | Not Ap | pplicable | |
| | ower Company th Church Street | | | Authorization N | | | |
| | e, NC 28201-1006 | Ś | | Fundamentary Data | NOLA | pplicable | <u> </u> |
| | | , | | Expiration Date | Not Ap | pplicable | |
| 4. Identification | of System, ASME C | | | | | | |
| | | LPS | W, ASME Class | s 2 | | | |
| 5. (a) Applicable Col | nstruction Code | USAS B31.7 | 19 69 | Edition, No | Addend | ta, No (| Code Case |
| | tion Section XI Utilize | | | Edition, 2000 | _ Addend | | |
| | ction XI Code Case(s | | | · | — . | | |
| 6. Identification | of Components | | | | | | |
| Name of | Name of | Manufacturer | National | Other | Year | Corrected, | ASME |
| Component | Manufacturer | Serial Number | Board No. | Identification | Built | Removed, or Installed | Code Stamped |
| | | | | | | or motanou | (Yes / No) |
|) 1-14B-480C- | | | | | 1075 | | |
| H6498 | DPC | NA | NA | NA | 1975 | Removed | NO |
| 1-14B-480C- | DPC | NA | NA | NA | 1975 | Installed | NO |
| H6498 | | | | | | | |
| | | | s | · | | | |
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| 7. Description o | f Work | L | | L | I | <u> </u> | |
| | 80C-H6498 was te | mporarily remove | d and reinstalled | l per the original h | anger ske | etch during RC | P motor |
| change-out. The | hanger was remov | ed by grinding of | f existing welds : | from the motor ho | using pla | | |
| | motor housing. No | ew drawings were | issued to show t | he as-installed det | ails. | | |
| 8. Test Conduc | | | | | - | | |
| Hydro | | | Operating Pressure | | Other | | |
| | Pressure | PSI | Test Temp | erature | °F | | |

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| < | Work Order Number | Sheet |
|--------------------------------------------------------------------|-----------------------|---------------------------------------|
| | 01678644-17 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | | |
| | | |
| • Hanger was welded back in its original location. | | |
| 0 | | |
| 0 | | |
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| 0 | | |
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| 0 | | |
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| CERTIFICATE OF CON | IPLIANCE | |
| I certify that the statements made in the report are correct and | | ents of the |
| ASME Code, Section XI. | | |
| Type Code Symbol Stamp | Not Applicable | |
| Certificate of Authorization Number Not Applicable | Expiration Date Not A | pplicable |
| Signed | er Date 12-4-06 | |
| Owner or Owner's Designee, Title | | |

CERTIFICATE OF INSERVICE INSPECTION

| | e undersigned, holding a valid commission issued by | | | Pressure Vessel |
|-----------|------------------------------------------------------|-------------|---------------------------|---------------------------|
| Inspecto | ors and the State or Province of Noverth Conver | LINA a | nd employed by | HSB CT |
| of | Hartford, Connecticut | | | he components described |
| in this O | wner's Report during the period ノロ・こ・0 | ∠ to | 12.4.06 | , and state that |
| to the b | pest of my knowledge and belief, the Owner has | performed | examinations and t | aken corrective measures |
| | d in this Owner's Report in accordance with the requ | | | |
| | signing this certificate neither the Inspector nor h | | | |
| | ing the examinations and corrective measures de | | • | |
| | or nor his employer shall be liable in any manner fo | r any perso | nal injury or property | y damage or a loss of any |
| kind aris | ing from or connected with this inspection. | | | |
| | 25-4 | 14 | unit i ana | |
| -40 | Commiss | ons NC | 1444 NIABC | / |
| | Inspector's Signature | | National Board, State, Pr | rovince, and Endorsements |
| Date | 12.4.06 | | | |

| | | | | - 1 | Work Order Num | ber | Sheet | |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------|----------------|---------------------------------------|----------------------|----------------------------------------|---------------------------------------|
| | | | | | 167809 | 90-30 | 1 c | f 2 AHB |
| 1. Owner | | 2. PI | ant | | | | Unit | $-\Theta$ |
| Duke Pow | er Company | | Oconee Nu | clea | ar Station | | O | NS - 1 |
| - | Church Street | | 7800 Roche | | | | Date | |
| | NC 28201-1006 | | Seneca, SC | | | | | 3/2007 |
| | · · · · · · · · · · · · · · · · · · · | | | | | | 1/2. | 5/2007 |
| 3. Work Performed | i by | | | | Type Code Symb | | plicable | |
| | ver Company n Church Street | | | ſ | Authorization Nu | | oplicable | |
| | NC 28201-1006 | | | ł | Expiration Date | | | |
| | | | | | | Not Ap | plicable | |
| 4. Identification of | System, ASME CI | | W, ASME Class | 5 2 | | | | |
| 5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section | on Section XI Utilize | • | | Editi Editi | | _ Addenc _ Addenc | · · · · · · · · · · · · · · · · · · · | Code Case |
| 6. Identification of | Components | | | | | | <u></u> | |
| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No. | lo | Other dentification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) |
| 0 1A | | | | | | <u> </u> | | |
| RBCU LPSW piping - 4-inch dia | Not applicable | None | None | | None | unk | Corrected | No |
| | | | | | | | | |
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| | | | | | | | | |
| 7. Description of V Flange installed o grinding affected | on 4-inch diamet | | | | | | | ing. The |
| | | | | | | | | |
| 8. Test Conducte | d | | | | · · · · · · · · · · · · · · · · · · · | | | |
| Hydrost | atic Pneumat Pressure | | Dperating Pressure Test Temp | _ | Exempt |] Other °F | | |

| ~ | Work Order Number | Sheet |
|----------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|
| | 1678090-30 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attache | ed) | |
| • 1A RBCU LPSW piping - weld repair of base metal due to in accordance with the Duke Energy Nuclear Generation Departmeter | | eld repair performed |
| 0 | | |
| 6 | | |
| 0 | | |
| 6 | | |
| 0 | | |
| 0 | | |
| 0 | | |

| C | ERTIFICATE OF COMPLI | ANCE | | | |
|------------------------------------------------------------------------|----------------------------|--------------------|-----------------|---------------------|--------------|
| I certify that the statements made in the re ASME Code, Section XI. | eport are correct and that | t this confo | rms to the re | equirements of the | |
| Type Code Symbol Stamp | ' Not | Applicable | | | |
| 1 10-4 | Not Applicable Engineer | Expiration Date | n Date 1/23/ | Not Applicable 27 | . |
| Signed <u>Owner or Owner's Designee</u> , Ti | | | 11231 | | |

| I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Inspectors and the State or Province of NORTH CAROLINA and employed by HSB CT | | | | | | |
| of Hartford, Connecticut have inspected the components described | | | | | | |
| in this Owner's Report during the period 11-7-06 to 1-25-07 , and state that | | | | | | |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measure | | | | | | |
| described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. | | | | | | |
| By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied | | | | | | |
| concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither th | | | | | | |
| Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of an | | | | | | |
| kind arising from or connected with this inspection. | | | | | | |
| The second | | | | | | |
| Commissions NC/444 NIABC | | | | | | |
| Inspector's Signature National Board, State, Province, and Endorsements | | | | | | |
| Date 1-25-07 | | | | | | |
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| | | | | | Work Order Nur | nber | Sheet | |
|------------------|-------------------------------------------------------------------------------|--------------------------------------------|-------------------------------|---------------------------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|
|) | | | | | 01670 | 981-01 | 1 | of 2 |
| Γ | 1. Owner | | 2. PI | ant | | | Unit | |
| | Duke Pow | ver Company | | Oconee Nu | clear Station | | O | NS - 1 |
| | | Church Street | | 7800 Roche | • | | Date | |
| | Charlotte, NC 28201-1006 | | | Seneca, SC | 29672 | | 11/ | 8/2006 |
| ſ | 3. Work Performed | d by | | | Type Code Sym | | oplicable | |
| | | ver Company 1 Church Street | | | Authorization N | | oplicable | |
| | Charlotte | ,NC 28201-1006 | | | Expiration Date | | oplicable | |
| ſ | 4. Identification of | System, ASME CI | | re Injection, ASN | 4E Class 2 | | | |
| | 5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section | on Section XI Utilize on XI Code Case(s | , | | Edition, <u>No</u> Edition, <u>2000</u> | Addeno | · · · · · · · · · · · · · · · · · · · | Code Case |
| ſ | 6. Identification of | Components | | | | | | |
| | Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) |
|)[| 1HP-17 | Crane Aloyco | Unknown | N/A | N/A | 1968 | Corrected | NO |
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| ł | 7. Description of | Work | L | L | · · · · · · · · · · · · · · · · · · · | | L | |
| | Body to Bonnet b | | e slightly coroded | and were replace | ed by Maintennac | e for ALA | ARA reasons | |
|) | 8. Test Conducte | d | <u> </u> | | •••••• | | | |
| | Hydrost | atic Pneuma Pressure | | Operating Pressure Test Temp | | Other •F | Visual | |
| L | | | ····· | - | | | | |

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| | Work Order Number | Sheet |
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| | 01670981-01 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | L | |
| | | |
| Bonnet bolts and nuts for 1HP-17, Bolts UTC # 0001086587 and Nuts UTC | # 0001092857 | |
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| CERTIFICATE OF COMPLIAN | | |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. | his conforms to the requireme | nts of the |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requiremen | |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration Date <u>Not A</u> J | |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration Date <u>Not A</u> J | · . |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration Date <u>Not A</u> J | · . |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Not Applicable Signed Arm Alutanthe Service Tech Specification Tech | his conforms to the requirement pplicable Expiration Date <u>Not A</u> Date <u>()</u> | · . |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration Date <u>Not Ap</u> Date <u>IISSOUS</u> | pplicable |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration Date Not Applicable Date IISTON PECTION al Board of Boiler and Pressure | pplicable |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization Number Not Applicable Signed And Aluxando Service Tech Specification I Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSERVICE INSERVICE INSERVICE INSERVICE INSERVICE INSERVICE INSERVICE OF Province of Not Applicable I Signed And Aluxando Service Aluxando Service III | his conforms to the requirement pplicable Expiration Date <u>Not A</u> Date <u>IISSOC</u> PECTION al Board of Boiler and Pressure and employed by <u>H</u> | pplicable e Vessel SB CT |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration DateNot Aj Date/S/Sock PECTION al Board of Boiler and Pressure and employed byH have inspected the composed | e Vessel SB CT onents described |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Certificate of Authorization Number <u>Not Applicable</u> Signed An Alutanch Service Tech Specialist [Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE OF INSERVICE INSER | his conforms to the requirement pplicable Expiration Date Not Applicable Date $u/s/sock$ PECTION al Board of Boiler and Pressure and employed by H have inspected the component $u - 2 \le 0$ | e Vessel SB CT onents described , and state that |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Certificate of Authorization Number <u>Not Applicable</u> Signed And Aluxandan Service Tech Specification I Gowner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSU I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of <u>Marth Chrockner</u> are of <u>Hartford, Connecticut</u> in this Owner's Report during the period <u>11-8-06</u> to to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of | his conforms to the requirement pplicable Expiration Date Not Applicable Date $n/s/3arb$ PECTION al Board of Boiler and Pressure and employed by H have inspected the compo $n - 2 \le 0.2$ examinations and taken cord f the ASME Code, Section XI. | e Vessel SB CT onents described , and state that rective measure |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Not Applicable Signed Authorization Number <u>Not Applicable</u> Signed Authorization Number <u>Server Tech Sfeciolist</u> II Signed Authorization Server Tech Sfeciolist II CERTIFICATE OF INSERVICE INSI I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of <u>Metric Creecture</u> are of <u>Hartford, Connecticut</u> in this Owner's Report during the period <u>11-8-06</u> to to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his employe | his conforms to the requirement pplicable Expiration Date Not Aj Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the compo o examinations and taken cord f the ASME Code, Section XI. r makes any warranty, expression | e Vessel SB CT onents described , and state that rective measure essed or implied |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Certificate of Authorization Number <u>Not Applicable</u> Signed <u>Markanka</u> <u>Service</u> <u>Tech</u> <u>Sfectodis7</u> [I] CERTIFICATE OF INSERVICE INSER | his conforms to the requirement pplicable Expiration Date Not Applicable Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the component o Society Applications and taken corr f the ASME Code, Section XI. r makes any warranty, expre- his Owner's Report. Further | e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Not Applicable Signed M Mutand Senior Tech Specialist I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of Martford, Connecticut in this Owner's Report during the period 1/-8-06 to to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his employer concerning the examinations and corrective measures described in th Inspector nor his employer shall be liable in any manner for any person | his conforms to the requirement pplicable Expiration Date Not Applicable Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the component o Society Applications and taken corr f the ASME Code, Section XI. r makes any warranty, expre- his Owner's Report. Further | e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Certificate of Authorization Number <u>Not Applicable</u> Signed <u>Markanka</u> <u>Service</u> <u>Tech</u> <u>Sfectodis7</u> [I] CERTIFICATE OF INSERVICE INSER | his conforms to the requirement pplicable Expiration Date Not Applicable Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the component o Society Applications and taken corr f the ASME Code, Section XI. r makes any warranty, expre- his Owner's Report. Further | e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration Date Not Applicable Expiration Date Not Applicable Date $n/s/sacc$ PECTION al Board of Boiler and Pressure and employed by H have inspected the composite $n - 2 \le 0.7$ examinations and taken corr f the ASME Code, Section XI. r makes any warranty, expression his Owner's Report. Further bonal injury or property damage | e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the e or a loss of any |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration Date Not Ap Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the compo Date SME Code, Section XI. r makes any warranty, express his Owner's Report. Further bonal injury or property damage | e Vessel SB CT onents described , and state that rective measures essed or implied, more, neither the e or a loss of any |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp | his conforms to the requirement pplicable Expiration Date Not Applicable Expiration Date Not Applicable Date $n/s/sacc$ PECTION al Board of Boiler and Pressure and employed by H have inspected the composite $n - 2 \le 0.7$ examinations and taken corr f the ASME Code, Section XI. r makes any warranty, expression his Owner's Report. Further bonal injury or property damage | e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the e or a loss of any |

| | | | | Work Order Nu | mber | Sheet | | |
|----------------------------------------------------------------------------|--------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------|---------------|----------------------------------------|---------------------------------------|--|
| ģ | | | | 164 | 1873 | 1 | of 2 | |
| 1. Owner | | 2. PI | ant | | | Unit | | |
| | ver Company | | Oconee Nuclear Station | | | 0 | NS - 1 | |
| | Church Street | | 7800 Rochester Hwy | | | Date | Date | |
| Charlotte, | | Seneca, SC | 29672 | | 11/1 | 5/2006 | | |
| 3. Work Performed | l by | | | Type Code Sym | | pplicable | | |
| 526 South | ver Company n Church Street | | | Authorization N | | pplicable | | |
| Charlotte, | , NC 28201-1006 |) | | Expiration Date | | pplicable | | |
| 4. Identification of | System, ASME CI | | Steam, ASME Cl | ass 2 | | | | |
| 5. (a) Applicable Cons (b) Applicable Editio (c) Applicable Secti | on Section XI Utilize on XI Code Case(s | | | Edition, <u>No</u> Edition, <u>2000</u> | Addeno | ···· | Code Case | |
| 6. Identification of | | | | | | | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial Number | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (Yes / No) | |
| Pipe | DPC. | Unknown | Unknown | Unknown | 2006 | Installed | NO | |
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| | | | | | | | | |
| 7. Description of | l Work | l | | ······ | <u> </u> | l | L.,, | |
| Remove two 1-1/2 | | wells and installed | l two 2" 6000# h | alf coupling and t | hreaded p | ipe plug. | | |
| 8. Test Conducte | ed | | | | | | | |
| Hydrost | | tic 🔀 Nominal C PSI | perating Pressure Test Temp | Exempt erature | Other | | | |
| | | | • | | | | | |

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| | Work Order Number Sheet | |
|--------------------------------------------------------------------------------------------------|---------------------------------------|-------------|
|) | 1641873 | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached) | | |
| | | |
| • Removed two 1-1/2" weldin thermowells, installed two 2" threaded half cou | plings and threaded plugs. | |
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| CERTIFICATE OF COMPLIAN | | |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI. | nis conforms to the requireme | ents of the |
| Type Code Symbol Stamp Not Aj | oplicable | |
| Certificate of Authorization Number Not Applicable | Expiration Date Not A | pplicable |
| Signed // K.W. Rannou, Engineer | Date 11/5/200 | 6 |
| Owner or Owner's Designee, Title | | |

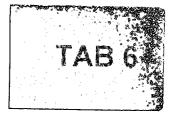
| CERTIFICA | TE OF INSERVI | | TION | <u> </u> | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----|--------------------|--------------------------|--|
| I, the undersigned, holding a valid commission | | | | | |
| Inspectors and the State or Province of North | (ARXINA | and | employed by | | |
| of Hartford, Connecticut | : | | have inspected the | ne components described | |
| in this Owner's Report during the period | 1.17.05 | to | 1.10-07 | , and state that | |
| to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. | | | | | |
| Inspector's Signature | Commissions | | | ovince, and Endorsements | |

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6.0 <u>Pressure Testing</u>

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This summary is a pressure test completion status for the first period of the fourth tenyear interval. Table 6-1 shows the number of pressure tests completed from refueling outage EOC-22 through refueling outage EOC-23. There was no through-wall leakage observed during these pressure tests.

| Table 6-1 Outage Specific Summary | | | | | |
|-----------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------|--|--|--|
| Examination Category | Test Requirement | Total Examinations Credited For This Outage | | | |
| B-P | System Leakage Test (IWB-5220) | 1 | | | |
| | | a she that the second | | | |
| C-H | System Leakage Test (IWC-5220) | 15 | | | |

Table 6-2 shows a completion status for the number of pressure tests conducted during the first period of the fourth ten-year interval.

| Table 6-2 Period Specific Summary | | | | | | |
|-----------------------------------|-----------------------------------|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------|--|--|
| Examination Category | Test Requirement | Total Examinations Required For This Period | Total Examinations Credited For This Period | (%) Examinations Complete For This Period | | |
| B-P | System Leakage Test (IWB-5220) | 2 | 2 | 100% | | |
| | | Friderik (* 1945) Friderik (* 1945) | | THAT SHE | | |
| С-Н | System Leakage Test (IWC-5220) | 52 | 52 | 100% | | |

The Class 1 (Category B-P) leakage test is required each refueling outage. Table 6-3 shows the completion data of the Class 1 (Category B-P) leakage test conducted during refueling cycle EOC23.

| Table 6-3 Detailed Class 1 Listing | | | | | | |
|------------------------------------|------------------|-------------------------------|--------------------------------|----------------------|--|--|
| Zone Number | Boundary Dwg | EOC23 Completion Status | EOC23 VT-2 Examination Date | Code Case(s) Used | | |
| OZ1L-1A | O-ISIL4-100A-1.1 | Complete | 1/10/2007 | None | | |
| | O-ISIL4-100A-1.2 | Complete | 1/10/2007 | None | | |
| | O-ISIL4-100A-1.3 | Complete | 1/10/2007 | None | | |
| | O-ISIL4-101A-1.1 | Complete | 1/10/2007 | None | | |
| | O-ISIL4-101A-1.4 | Complete | 1/10/2007 | None | | |
| | O-ISIL4-102A-1.1 | Complete | 1/10/2007 | None | | |
| | O-ISIL4-110A-1.1 | Complete | 1/10/2007 | None | | |
| | O-ISIL4-110A-1.4 | Complete | 1/10/2007 | None | | |
| | O-ISIL4-102A-1.3 | Complete | 1/10/2007 | None | | |

EOC 23 Refueling Outage Report Oconee Unit 1 Section 6 Page 1 of 4 Revision 0 January 11, 2007 The Class 2 (Category C-H) leakage tests are required once each period. Table 6-4 shows the completion data of the Class 2 (Category C-H) leakage tests completed through refueling cycle EOC23.

| | | | ailed Class 2 L EOC23 | EOC23 VT-2 | Code |
|----|----------|------------------|--------------------------|---------------------------|-----------------|
| | Zone | | Completion | EUC23 VI-2 Examination | Code Case(s) |
| 1 | Number | Boundary Dwg | Status | Date | Used |
| 1 | IZ1L-10 | O-ISIL4-101A-1.3 | Complete | 5/3/2005 | None |
| 2 | IZ1L-11 | O-ISIL4-101A-1.3 | Complete | 5/3/2005 | None |
| 3 | IZ1L-12 | O-ISIL4-101A-1.3 | Complete | 10/24/2005 | None |
| | | O-ISIL4-101A-1.4 | Complete | 10/24/2005 | None |
| 4 | IZ1L-13 | O-ISIL4-101A-1.3 | Complete | 6/13/2005 | None |
| 5 | IZ1L-14A | O-ISIL4-101A-1.3 | Complete | 4/27/2005 | None |
| 6 | IZ1L-14B | O-ISIL4-101A-1.3 | Complete | 4/27/2005 | None |
| 7 | IZ1L-20 | O-ISIL4-101A-1.3 | Complete | 9/12/2005 | None |
| 8 | IZ1L-21 | O-ISIL4-104A-1.2 | Complete | 5/6/2005 | None |
| 9 | IZ1L-22 | O-ISIL4-101A-1.3 | Complete | 9/6/2005 | None |
| | | O-ISIL4-102A-1.1 | Complete | 9/6/2005 | None |
| | | O-ISIL4-102A-1.2 | Complete | 9/6/2005 | None |
| | | O-ISIL4-106A-1.2 | Complete | 9/6/2005 | None |
| | | O-ISIL4-104A-1.2 | Complete | 9/6/2005 | None |
| 10 | IZ1L-24 | O-ISIL4-102A-1.1 | Complete | 9/6/2005 | None |
| | | O-ISIL4-103A-1.1 | Complete | 9/6/2005 | None |
| 11 | IZ1L-25 | O-ISIL4-102A-1.1 | Complete | 12/1/2005 | None |
| | | O-ISIL4-103A-1.1 | Complete | 12/1/2005 | None |
| 12 | IZ1L-4 | O-ISIL4-101A-1.1 | Complete | 8/29/2005 | None |
| 13 | IZ1L-40 | O-ISIL4-109A-1.1 | Complete | 10/19/2005 | None |
| 14 | IZ1L-41 | O-ISIL4-109A-1.1 | Complete | 12/11/2006 | None |
| 15 | IZ1L-48 | O-ISIL4-122A-1.1 | Complete | 8/29/2005 | None |
| | | O-ISIL4-122A-1.2 | Complete | 8/29/2005 | None |
| | | O-ISIL4-122A-1.3 | Complete | 8/29/2005 | None |
| | | O-ISIL4-122A-1.4 | Complete | 8/29/2005 | None |
| | | O-ISIL4-122B-1.1 | Complete | 8/29/2005 | None |
| 16 | IZ1L-5 | O-ISIL4-101A-1.1 | Complete | 7/18/2005 | None |
| | | O-ISIL4-101A-1.3 | Complete | 7/18/2005 | None |
| 17 | IZ1L-60 | O-ISIL4-124B-1.2 | Complete | 9/6/2005 | None |
| 18 | OZ1L-14B | O-ISIL4-101A-1.4 | Complete | 4/27/2005 | None |
| 19 | OZ1L-15 | O-ISIL4-101A-1.4 | Complete | 5/12/2005 | None |
| 20 | OZ1L-16 | O-ISIL4-101A-1.4 | Complete | 5/11/2005 | None |
| 21 | OZ1L-17 | O-ISIL4-101A-1.2 | Complete | 5/11/2005 | None |
| 22 | OZ1L-17B | O-ISIL4-101A-1.2 | Complete | 4/27/2005 | None |
| 23 | OZ1L-18 | O-ISIL4-101A-1.2 | Complete | 5/6/2005 | None |
| 24 | OZ1L-19A | O-ISIL4-101A-1.5 | Complete | 4/22/2005 | None |
| | | O-ISIL4-104A-1.1 | Complete | 4/22/2005 | None |
| 25 | OZ1L-19B | O-ISIL4-101A-1.5 | Complete | 4/22/2005 | None |

EOC 23 Refueling Outage Report Oconee Unit 1 Section 6

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| | Zone Number | Boundary Dwg | EOC23 Completion Status | EOC23 VT-2 Examination Date | Code Case(s) Used |
|----|----------------|------------------|-------------------------------|-----------------------------------|-------------------------|
| 26 | OZ1L-1A | O-ISIL4-101A-1.1 | Complete | 5/12/2005 | None |
| | | O-ISIL4-101A-1.5 | Complete | 5/12/2005 | None |
| 27 | OZ1L-2 | O-ISIL4-101A-1.1 | Complete | 5/12/2005 | None |
| 28 | OZ1L-21 | O-ISIL4-102A-1.1 | Complete | 5/6/2005 | None |
| | | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| 29 | OZ1L-23 | O-ISIL4-101A-1.2 | Complete | 5/6/2005 | None |
| | | O-ISIL4-102A-1.1 | Complete | 5/6/2005 | None |
| | | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| 30 | OZ1L-26 | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| 31 | OZ1L-27A | O-ISIL4-102A-1.2 | Complete | 12/6/2006 | None |
| 32 | OZ1L-27B | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| 33 | OZ1L-28 | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| 34 | OZ1L-29 | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| 35 | OZ1L-29A | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| | , | O-ISIL4-102A-1.3 | Complete | 5/6/2005 | None |
| 36 | OZ1L-3 | O-ISIL4-101A-1.1 | Complete | 5/12/2005 | None |
| 37 | OZ1L-30 | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| 38 | OZ1L-30A | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |
| | | O-ISIL4-102A-1.3 | Complete | 5/6/2005 | None |
| 39 | OZ1L-31A | O-ISIL4-102A-1.3 | Complete | 4/9/2005 | None |
| 40 | OZ1L-31B | O-ISIL4-102A-1.3 | Complete | 4/9/2005 | None |
| 41 | OZ1L-31C | O-ISIL4-102A-1.3 | Complete | 4/9/2005 | None |
| 42 | OZ1L-34 | O-ISIL4-104A-1.1 | Complete | 4/14/2005 | None |
| 43 | OZ1L-39 | O-ISIL4-104A-1.1 | Complete | 10/13/2006 | None |
| 44 | OZ1L-42A | O-ISIL4-110A-1.1 | Complete | 5/12/2005 | None |
| 45 | OZ1L-42B | O-ISIL4-110A-1.1 | Complete | 5/12/2005 | None |
| 46 | OZ1L-44 | O-ISIL4-110A-1.1 | Complete | 12/9/2006 | None |
| | | O-ISIL4-121B-1.3 | Complete | 12/9/2006 | None |
| | | O-ISIL4-121B-1.5 | Complete | 5/4/2005 | None |
| | | O-ISIL4-121D-1.1 | Complete | 5/4/2005 | None |
| | | O-ISIL4-121D-1.2 | Complete | 12/9/2006 | None |
| | | O-ISIL4-122A-1.1 | Complete | 12/9/2006 | None |
| 47 | OZ1L-6 | O-ISIL4-109A-1.1 | Complete | 5/6/2005 | None |
| 48 | OZ1L-64 | O-ISIL4-124B-1.2 | Complete | 5/12/2005 | None |
| 49 | OZ1L-65 | O-ISIL4-124B-1.4 | Complete | 5/12/2005 | None |
| 50 | OZ1L-7 | O-ISIL4-101A-1.2 | Complete | 4/26/2005 | None |
| | | O-ISIL4-101A-1.3 | Complete | 4/26/2005 | None |
| 51 | OZ1L-7B | O-ISIL4-101A-1.3 | Complete | 4/27/2005 | None |
| | | O-ISIL4-102A-1.2 | Complete | 4/5/2005 | None |
| 52 | OZ1L-9 | O-ISIL4-101A-1.3 | Complete | 5/6/2005 | None |
| | | O-ISIL4-102A-1.2 | Complete | 5/6/2005 | None |

EOC 23 Refueling Outage Report Oconee Unit 1 Section 6 Page 3 of 4 Revision 0 January 11, 2007

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Section 6 Prepared By: Date: 1/11/07 Jim Boughman

| Section 6 Reviewed By: | Date: |
|------------------------|---------|
| Paul W, Waltman | 1/25/07 |

23 BW 3/9/2007 EOC 22 Refueling Outage Report Oconee Unit 1 Section 6

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