

DAVE BAXTER

Vice President Oconee Nuclear Station

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

864-885-4460 864-885-4208 fax dabaxter@dukeenergy.com

March 17, 2008

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 3

Docket No. 50-287

Unit 3 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 3 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, Subsubarticles IWA-6230 and IWA-6240.

This report does not include activities specific to the Steam Generator Tube Inservice Inspection. An additional summary report which documents the Steam Generator Tube Inservice Inspection of the Unit 3 EOC-23 Refueling Outage will be transmitted separately.

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

For Dave Baxter,

Site Vice-President

Oconee Nuclear Station

Attachment

U. S. Nuclear Regulatory Commission March 17, 2008 Page 2

xc wo/attachment: Victor McCree

Acting Administrator, Region II

U.S. Nuclear Regulatory Commission 61 Forsyth Street, S. W., Suite 23T85

Atlanta, GA 30303

Leonard N Olshan, Projects Manager Office of Nuclear Reactor Regulation U. S. Nuclear Regulatory Commission Washington, D. C. 20555

Mr. D. W. Rich NRC Senior Resident Inspector Oconee Nuclear Station

# Owner's Report For INSERVICE INSPECTIONS

# OCONEE UNIT 3 2007 REFUELING OUTAGE EOC23 (OUTAGE 2)

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

NRC Docket No. 50-287

Commercial Service Date: December 16, 1974

Document Completion Date 3/03/2008

Owner: Duke Energy Carolinas

526 South Church St.

Charlotte, N. C. 28201-1006

Revision 0

Prepared By:	Narry Co Keith	Date	<u>2-30-08</u>
Reviewed By:	Jany Underwood	Date	2-20 - <del>08</del>
Approved By	Neda	Date	2-27-08

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

Owner: <u>Duke Energy Carolinas, 526 S. Church St Charlotte, NC 28201-1006</u> (Name and Address of Owner)
2. Plant: Oconee Nuclear Station, 7800 Rochester Highway, Seneca, SC 29672 (Name and Address of Plant)
3. Plant Unit: <u>3</u> 4. Owner Certificate of Authorization (if required) <u>N/A</u>
5. Commercial Service Date: <u>December 16, 1974</u> 6.National Board Number for Unit <u>N/A</u>
7. Components Inspected:
Component or Manufacturer Manufacturer State or National Appurtenance Installer Installer Serial Province No.  No.
See Section 1.1 in the Attached Report
Note: Supplemental sheets in the form of lists, sketches, or drawings may be used provided (1) size is $8^{1}/_{2}$ 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 269.

Inspection Period Identification: Inspection Period Identification: Inspection Interval Identification: Inspector Interval Identification: Interval Identification: Inspector Interval Identification: Inspector Interval Identification: Inspector Interval Identification: Interval	·	
Inspection Period Identification:  O. Inspection Interval Identification:  1. Applicable Edition of Section XI  1. Applicable Edition of Section XI  1. Applicable Edition of Inspection Plan:  O. Date/Revision of Inspection Plan:  O. Date See Sections 2.0, 3.0 and 6.0  See Sections 2.0, 3.0 and 6.0  See Sections 2.0, 3.0 and 6.0  See Sections 4.0 and 6.0  See Subsection 4.3  We certify that a) the statements made in this report are correct by the examinations and tests meet the nappection Plan as required by the ASME Code, Section XI.  O. Date O. Date/Revision O. (if applicable)  NA Expiration Date NA  Expiration Date NA  D. Date/Revision O. (if applicable)  O. Dat	FORM NIS-1 (Back)	
1. Applicable Edition of Section XI  2. Date/Revision of Inspection Plan:  November 18, 2004/Revision 0  3. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.  See Sections 2.0, 3.0 and 6.0  4. Abstract of Results of Examination and Tests.  See Sections 4.0 and 6.0  5. Abstract of Corrective Measures.  We certify that a) the statements made in this report are correct b) the examinations and tests meet the nispection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.  Certificate of Authorization No. (if applicable)  NA Expiration Date NA  Date 2-27-26 Signed Duke Energy Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of North Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of North Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of North Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of North Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission is sued by the National Board of Boiler and Pressure Vessel of the Component of North Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission is well as the totale	Examination Dates June 2, 2006	toDecember 18, 2007
1. Applicable Edition of Section XI  1998  Addenda 2000  2. Date/Revision of Inspection Plan:  November 18, 2004/Revision 0  3. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.  See Sections 2.0, 3.0 and 6.0  4. Abstract of Results of Examination and Tests.  See Sections 4.0 and 6.0  5. Abstract of Corrective Measures.  We certify that a) the statements made in this report are correct b) the examinations and tests meet the inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.  Certificate of Authorization No. (if applicable)  NA Expiration Date NA  Certificate of Authorization No. (if applicable)  NA Expiration Date NA  Certificate of Authorization No. (if applicable)  Centrificate of Now Prince O	Inspection Period Identification:	First Period
2. Date/Revision of Inspection Plan:  November 18, 2004/Revision 0  3. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.  See Sections 2.0, 3.0 and 6.0  4. Abstract of Results of Examination and Tests.  See Sections 4.0 and 6.0  5. Abstract of Corrective Measures.  We certify that a) the statements made in this report are correct b) the examinations and tests meet the inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.  Certificate of Authorization No. (if applicable)  NA Expiration Date NA  Date 2-27-  Signed Duke Energy Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel employed by Hartford Steam Boiler of Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period pellief, the Owner has performed examinations and tests and taken corrective measures described in the Downer's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.  By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, 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 National Board, State, Province, and Endorsements  National Board, State, Province, and Endorsements	0. Inspection Interval Identification:	Fourth Interval
3. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.  4. Abstract of Results of Examination and Tests.  5. Abstract of Corrective Measures.  6. See Subsection 4.0 and 6.0  7. See Subsection 4.3  We certify that a) the statements made in this report are correct b) the examinations and tests meet the inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.  Certificate of Authorization No. (if applicable)  7. Signed  8. Duke Energy Carolinas  8. Owner  CERTIFICATE OF INSERVICE INSPECTION  7. THE CARCING EMPLOY CONTROL OF THE SERVICE O	Applicable Edition of Section XI	1998 Addenda 2000
A. Abstract of Results of Examination and Tests.  See Sections 2.0, 3.0 and 6.0  See Sections 4.0 and 6.0  See Sections 4.0 and 6.0  See Sections 4.0 and 6.0  See Subsection 4.3  We certify that a) the statements made in this report are correct b) the examinations and tests meet the respection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.  Certificate of Authorization No. (if applicable)  NA Expiration Date  NA  Date  2-27-Signed  Duke Energy Carolinas Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel respectors and the State or Province of Nontry Carolinas employed by Hartford Steam Boiler of Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period and state that to the best of my knowledge and relief, the Owner has performed examinations and tests and taken corrective measures described in the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.  By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or mplied, concerning the examinations, test, 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  NA  National Board, State, Province, and Endorsements	2. Date/Revision of Inspection Plan:	November 18, 2004/Revision 0
We certify that a) the statements made in this report are correct b) the examinations and tests meet the inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.  Certificate of Authorization No. (if applicable)  CERTIFICATE OF INSERVICE INSPECTION  The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of Morry Corrective employed by Hartford Steam Boiler of Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period for the Owner has performed examinations and tests and taken corrective measures described in the Dwner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, 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  National Board, State, Province, and Endorsements		
We certify that a) the statements made in this report are correct b) the examinations and tests meet the inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.  Certificate of Authorization No. (if applicable)  NA Expiration Date NA  Date 2-27-  Signed Duke Energy Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of North Carolinas employed by Hartford Steam Boiler of Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period 2-2-0c to 12-8-07 and state that to the best of my knowledge and bowner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, 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 NAL HAWWARAL NATIONAL NATI	4. Abstract of Results of Examination and	Tests. See Sections 4.0 and 6.0
Aspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.  Certificate of Authorization No. (if applicable)  Date 2-27-26  Signed  Duke Energy Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of North Carolinas  Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period  10 12-18-07  And state that to the best of my knowledge and valid, the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.  By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, 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  National Board, State, Province, and Endorsements  National Board, State, Province, and Endorsements	15. Abstract of Corrective Measures.	See Subsection 4.3
Duke Energy Carolinas  Owner  CERTIFICATE OF INSERVICE INSPECTION  The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of North Checker employed by Hartford Steam Boiler of Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period folief, the Owner has performed examinations and tests and taken corrective measures described in the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, 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  NC (1444) (ABC)  National Board, State, Province, and Endorsements	nspection Plan as required by the ASME Co he rules of the ASME Code, Section XI.	ode, Section XI, and c) corrective measures taken conform to
CERTIFICATE OF INSERVICE INSPECTION  The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of North Cardina employed by Hartford Steam Boiler of Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period a 2 - 0 to 12 - 18 - 07, and state that to the best of my knowledge and pelief, the Owner has performed examinations and tests and taken corrective measures described in the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, 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  NC 1444 Naac  National Board, State, Province, and Endorsements	Jertificate of Authorization No. (if applicable)	NA Expiration Date NA
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, employed by Hartford Steam Boiler of Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period to 12-18-07, and state that to the best of my knowledge and pelief, the Owner has performed examinations and tests and taken corrective measures described in the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, 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  **Commissions**  **National Board, State, Province, and Endorsements**	Date 2-27-2006 Signed	
nspectors and the State or Province of North Cardinal Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Cardinal employed by Hartford Steam Boiler of Connecticut (HSBCT) have inspected the components described in this Owner's Report during the period to 12-18-07, and state that to the best of my knowledge and cellef, the Owner has performed examinations and tests and taken corrective measures described in the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, 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  National Board, State, Province, and Endorsements	,	Owner
	the undersigned, holding a valid commission inspectors and the State or Province of Notice of No	on issued by the National Board of Boiler and Pressure Vessel of The Carolina employed by Hartford Steam Boiler of emponents described in this Owner's Report during the period, and state that to the best of my knowledge and inside and tests and taken corrective measures described in the ection Plan and as required by the ASME Code, Section XI. ector nor his employer makes any warranty, expressed or and corrective measures described in this Owner's Report. employer shall be liable in any manner for any personal injury or g from or connected with this inspection

HSBCT 200 Ashford Center North Suite 205 Atlanta, GA. 30338-4860 (800) 417-3721 www.hsbc.com

### **DISTRIBUTION LIST**

- Duke Energy Carolinas
   Nuclear Technical Services Division
   Section XI Inspection Program Section
- 2. NRC Document Control Desk
- 3. HSBCT (AIA)

  C/o ANII at Oconee

Note: The following personnel are to be notified via e-mail after the Inservice Inspection Report has been stored in the Nuclear Electronic Document Library:

GO Nuclear Assurance C/O Bruce Nardoci
Inspection and Welding Services (ISI Coordinator)

# **TABLE OF CONTENTS**

<u>Section</u>	<u>Title</u>	<u>Revision</u>
1.0	General Information	0
2.0	Fourth Ten Year Interval Inspection Status	0
3.0	Final Inservice Inspection Plan	0
4.0	Results of Inspections Performed	0
5.0	Owners Report for Repair/Replacement Activities	0
6.0	Pressure Testing	0

#### 1.0 General Information

This report describes the Inservice Inspection of Duke's Oconee Nuclear Station, Unit 3 EOC 23 (Outage 2 of the fourth interval). This is the second 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.

#### 1.1 Identification Numbers

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Babcock & Wilcox	620-0009-51-52	N/A	N-125
Reactor Vessel Head (replaced head)	Babcock & Wilcox	068S-03	N/A	200
Steam Generator A	Babcock & Wilcox	006K05	N/A	211
Steam Generator B	Babcock & Wilcox	006K06	N/A	212
Pressurizer	Babcock & Wilcox	620-0009-59	· N/A	N-126
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 ,
Condensate System	Duke Power	NA	NA	NA
Vents and Exhaust System	Duke Power	NA	NA	NA .

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Condenser Circulating Water	Duke Power	NA	NA	NA
High Pressure Service Water System	Duke Power	NA	NA	NA
Low Pressure Service Water System	Duke Power	. NA	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

#### 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 the 1998 Edition with the 2000 Addenda through the Performance Demonstration Initiative (PDI) for Supplements 2, 3, 4, 6 and 10. Preservice examinations of weld overlays were conducted in accordance with Code Case N-504-2 including non-mandatory Appendix Q.

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 International inspectors and Atlantic Group inspectors can be obtained by contacting Duke Energy's Corporate Office in Charlotte, North Carolina.

#### 1.3 Reference Documents

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'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 is located in Section 4 of this report.

Code Case N-695 (Qualification Requirements for dissimilar metal piping welds) Items are identified by the use of UT procedure PDI-UT-10 and are listed in the Plan Report in section 3.0 of this report as dissimilar metal welds.

Code Case N-504-2 (Applicable to items that weld overlay was performed on.) During 3EOC-23 outage, there were welds that had weld overlay performed on them and the PSI exams were performed per Code Case N-504-2.

Duke Power Company Problem Investigation Process Report # O-07-00631. This PIP was written to track the corrective action for limited coverage on VT examinations of welds that were inspected during EOC-23 for Units 1 & 2 at Keowee.

Duke Power Company Problem Investigation Process Report # O-08-00738. This PIP was written to track the corrective action for limited coverage on UT examinations of welds that were inspected during EOC-23 for Unit 3.

Duke Power Company Problem Investigation Process Report # O-07-6829. This PIP was written to track the correction of problems found with a support attachment weld during an ISI inspection. (Support # 3-HPI-PU-A, Summary Number O3.C3.30.0001)

Duke Power Company Problem Investigation Process Report # O-07-6988. This PIP was written to track the correction of problems found with a support attachment weld during an ISI inspection. (Support # 3-LS-Tank, Summary Number O3.C3.10.0005)

Duke Power Company Problem Investigation Process Report # O-07-4413. This PIP was written to track the correction of problems found with a support attachment weld during an ISI inspection. (Support # 3-14B-1-0-2437A-SR108, Summary Number O3.D1.20.0023)

Duke Power Company Problem Investigation Process Report # O-07-6620. This PIP was written to document evidence of leakage found during a VT augmented examination. (Component ID # 3-RPV HEAD PEN, Summary Number O3.G11.1.0002)

Duke Power Company Problem Investigation Process Report # O-07-6780. This PIP was written to document the thermal sleeve gaps found during RT augmented examinations. This Gap measurement will be used as a baseline when exams are performed in the future. (Component ID # 3A1-Therm Sleeve, Summary Number O3.G2.1.0026 and Component ID # 3A2-Therm Sleeve, Summary Number O3.G2.1.0029)

Request for Relief 03-006 (Allows Duke and Alternative for the Snubber Examinations required in IWF-5000 for the 4<sup>th</sup> interval.)

#### 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

Hartford Steam Boiler of Connecticut (HSBCT) is responsible for the third party inspections required by ASME Section XI.

### **Authorized Nuclear Inservice Inspector(s)**

Name: Gary Brouette, Nancy Slaughter, Mike J. Platt

Employer: HSBCT.

Business Address: 200 Ashford Center North

Suite 205

Atlanta, GA 30338-4860

(800) 417-3721 www.hsbct.com

#### 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.

#### Class 1 Inspections

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	* Deferral
B-A	Pressure Retaining Welds in Reactor Vessel	6 Welds	.5 Weld	8%	Yes
В-В	Pressure Retaining Welds in Vessels Other than Reactor Vessel	10 Welds	2 Welds	20%	No
B-D	Full Penetration Welds of Nozzles in Vessels Inspection Program B	54 Inspections	10 Inspections	19%	Partial
B-F	Pressure Retaining Dissimilar Metal Welds	2 Welds	0 Welds	0%	YES
B-G-1	Pressure Retaining Bolting Greater than 2 Inches in Diameter	128 Items	43.33 Items	34%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	20 Items	9 Items	45%	No
B-J	Pressure Retaining Welds in Piping	163 Welds	45 Welds	28%	No
B-K	Welded Attachments for Vessels, Piping, Pumps and Valves	12	4	33%	No

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

## **Class 1 Inspections (Continued)**

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	* Deferral
B-L-1	Pressure Retaining Welds in Pump Casings	1 Weld	0 Weld	0%	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	0 Valve Body Weld	0%	Yes
B-M-2	Valve Bodies	3 Valves	1 Valves	33%	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	REFERE	NCE SECTION	6.0 OF THIS RE	PORT
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)	36 Supports	10 Supports	28%	No
F-A F1.050 items	Class 1 Component Supports, Snubbers				**

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

<sup>\*\*</sup> Inspected under Selected License Commitment 16.9.18 per Relief Request 03-006

## Class 2 Inspections

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	*Deferral
C-A	Pressure Retaining Welds in Pressure Vessels	11 Welds	5 Welds	45%	No
С-В	Pressure Retaining Nozzle Welds in Vessels	4 Welds	2 Welds	50%	No
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	, 33 Attachments	12 Attachments	36%	No
C-D	Pressure Retaining Bolting Greater Than 2 Inches in Diameter	2 Items	1 Items	50%	Ņо
C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	165 Welds	45 Welds	27%	No
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	67 Welds	16 Welds	24%	No
C-G	Pressure Retaining Welds in Pumps and Valves	N/A	N/A	N/A	N/A
С-Н	All Pressure Retaining Components	REFERE	NCE SECTION	6.0 OF THIS RI	EPORT
F-A F1.020 & F1.040 items.	Class 2 Component Supports (Except Snubbers)	140 Supports	48 Supports	34%	No
F-A F1.050 items	Class 2 Component Supports, Snubbers				**

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

<sup>\*\*</sup> Inspected under Selected License Commitment 16.9.18 per Relief Request 03-006

### **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.

Item Number	Description	Percentage Complete
O3.G1.1	Reactor Coolant Pump Flywheel	100% of EOC 23 Requirements
O3.G2.1	HPI Nozzle Safe End Examinations	100% of EOC 23 Requirements
O3.G3.1	Pressurizer Surge Line Examinations	None scheduled for EOC 23
O3.G4.1	Thermal Stress Piping (NRC Bulletin 88-08)	100% of EOC 23 Requirements
O3.G11.1.0001	Reactor Pressure Vessel Head Penetration Nozzle by UT Examination per NRC Order EA-03- 009.	None scheduled for EOC 23
O3.G11.1.0002	Bare Metal Visual Examination of the Reactor Pressure Vessel Head Surface per NRC Order EA-03-009.	100% of EOC 23 Requirements
O3.G12.1	UT Examination per MRP-139	100% of EOC 23 Requirements
O3.G12.2	UT Examination per MRP-139	None scheduled for EOC 23
O3.G12.3	UT Examination per MRP-139	None scheduled for EOC 23
O3.G13.1	VT-2 Bare Metal Visual per MRP-139	100% of EOC 23 Requirements
O3.G13.2	VT-2 Bare Metal Visual per MRP-139	100% of EOC 23 Requirements
O3.G13.3	VT-2 Bare Metal Visual per MRP-139	None scheduled for EOC 23
O3.G13.4	VT-2 Bare Metal Visual per MRP-139	None scheduled for EOC 23
O3.G14.1	VT-2 Bare Metal Visual per Oconee Response to BL-2004-01	100% of EOC 23 Requirements
O3.H1.1	Pressurizer Sensing/Sampling Nozzle Safe Ends	None scheduled for EOC 23
O3.H2.1	Class 1 RTE Mounting Bosses	None scheduled for EOC 23
O3.H3.1	Main Feedwater Piping in the East and West Penetration Rooms per QA-513J (ER-ONS-04-03)	None scheduled for EOC 23
O3.H4.1	Main Feedwater and Main Steam Piping Supports and Attachment Welds per QA-513J (ER-ONS-04-05)	100% of EOC 23 Requirements
O3.H5.1	East Penetration Main Feedwater piping welds and attachments	None scheduled for EOC 23
O3.H6.1	Main Feedwater rupture restraint attachment welds	None scheduled for EOC 23

#### 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:

Summary 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

#### ScheduleWorks

# DUKE ENERGY NUCLEAR TECHNICAL SERVICES Inservice Inspection Database Management System **Plan Report**



Oconee 3, 4th Interval, Outage 2 (EOC-23)

This report includes all changes through addendum ONS3-061

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks (	Comments / Historical Data
Category AUG								
O3.G1.1.0001					· · · · · · · · · · · · · · · · · · ·			G01.001.001, G01.001.001A
3-RCP-3A1	50 Class 1	OM-201D-038 O-ISIN4-100A-3.1	NDE-900	UT	CS	9.500 / 72.000	Component	Reactor Coolant Pump 3A1 Flywheel. Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.
O3.G1.1.0002								G01.001.002, G01.001.002A
3-RCP-3A2	50 Class 1	OM-201D-038 O-ISIN4-100A-3.1	54-ISI-271	MT	CS	9.500 / 72.000		Reactor Coolant Pump 3A2 Flywheel. Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.
O3.G1.1.0002								G01.001.002, G01.001.002A
3-RCP-3A2		OM-201D-038 O-ISIN4-100A-3.1	54-ISI-117	UT	CS	9.500 / 72.000		Reactor Coolant Pump 3A2 Flywheel. Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.
O3.G1.1.0003								G01.001.003, G01.001.003A
3-RCP-3B1	50 Class 1	OM-201D-038 O-ISIN4-100A-3.1	NDE-900	UT	CS	9.500 / 72.000	Component	Reactor Coolant Pump 3B1 Flywheel. Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.
O3.G1.1.0004						·	· · · · · ·	G01.001.004, G01.001.004A
3-RCP-3B2		OM-201D-038 O-ISIN4-100A-3.1	NDE-900	· UT	CS	9.500 / 72.000	Component	Reactor Coolant Pump 3B2 Flywheel. Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.
O3.G11.1.0002								G11.001.002
3-RPV-HEAD-PEN .	50 Class 1	O-ISIN4-100A-1.1 OM-201-2271	NDE-68	VT-2	SS ·	0.000 / 0.000		NRC Order EA-03-009 requires bare metal visual examination of 100% of the Reactor Pressure Vessel Head sruface (including 360 degrees around each RPV head penetration nozzle). For additional information, contact J.M Shuping of the Metallurgy, Lab Services Group. Procedure MP/O/A/1150/029-
		·		· .				001. Procedure NDE-68 in conjunction with MP/O/A/1150/029-001 should be used to perform the Bare Metal Visual inspection.

Oconee 3, 4th Interior outage 2 (EOC-23)

•			•		nee 3, 4th interv	butage 2 (EOC-23)	,	
Summary Num Component ID / Type	System	n ISO/DWG Nümbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG							•	
O3.G12.1.0005						•		G12.001.00
3-PDB1-11	51A	ISI-OCN3-013	PDI-UT-10	UT	SS-Inconel	0.750 / 3.500	40416	Reference Section 7 of the ISI Plan, Volume 1. 3B1
		O-ISIN4-100A-3.1					Component	HPI Nozzle PC 46 to Safe End PC 47.  Augmented Inspection Per MRP-139. Contact Jody
	Class 1	OM-201-597						Shuping for additional information on this examination Examination schedule cannot exceed 5 years
								between examinations.
Dissimilar								·
						HPI Nozzle, PC 46 to Safe E	End, PC 47	
O3.G12.1.0006								G12.001.00
3-PDB2-11	51A	ISI-OCN3-014 O-ISIN4-100A-3.1	PDI-UT-10	UT	SS-Inconel	0.750 / 3.500	40416 Component	Reference Section 7 of the ISI Plan, Volume 1. 3B2 HPI Nozzle PC 46 to Safe End PC 47.
	Class 1							Augmented Inspection Per MRP-139. Contact Jody
		OM-201-597			•			Shuping for additional information on this examination Examination schedule cannot exceed 5 years between examinations.
Dissimilar			•					both on chairmatons.
						HPI Nozzle, PC 46 to Safe E	End, PC 47	
O3.G13.1.0001								G13.001.0
3-PZR-WP45	50	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	0.750 / 4.000		Pressurizer Spray Nozzle Pc. 9 to Spray Nozzle Safe
Circumferential	Class 1							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."
								Inspect with item number G13.001.002.  This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q populatio
Dissimilar								and will now be included in the Appendix Q populatio
Terminal End								
. J						Nozzle to Safe End		
						1402216 to Date Life		

Oconee 3, 4th Inter Sutage 2 (EOC-23)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG			•				
O3.G13.1.0002	_						G13.001.002
3-PSP-1	50	ISI-OCN3-016	NDE-68	VT-2	SS-Inconel	0.438 / 4.000	Pressurizer Spray Piping. Spray Nozzle Pc. 45 to
Circumferential	Class 1	O-ISIN4-100A-3.2					Pipe 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."  This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population.
Dissimilar							
Terminal End					÷.		
reminar End						Nozzle to Pipe	
O3.G13.1.0003					<b>'</b> -		G13.001.003
3-PZR-WP23	50	ISI-OCN3-002	NDE-68	VT-2	SS-CS	1.063 / 10.900	Pressurizer Surge Nozzle Pc. 8 to Surge Nozzle Safe
Circumferential	Class 1						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."
							This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population.
Dissimilar							. •
Terminal End							
						Nozzle to Safe End	

Oconee 3, 4th Inter Sutage 2 (EOC-23)

					e 0, 4th inter	Sutage 2 (EUC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
ategory AUG							
O3.G13.1.0004							G13.001.0
3-PZR-WP91-1 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	SS-CS	0.375 / 2.500	Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Sat 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." This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population.
Dissimilar							
Terminal End							
						Nozzle to Safe End	
O3.G13.1.0005							G13.001.0
3-PZR-WP91-2 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	SS-CS	0.375 / 2.500	Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Sa 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."  This weld had weld overlay added during 3EOC-23
						* •	and will now be included in the Appendix Q population.
Dissimilar							
Terminal End							
						Nozzle to Safe End	
O3.G13.1.0006							G13.001.0
3-PZR-WP91-3 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	SS-CS	0.375 / 2.500	Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Sat 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."  This weld had weld overlay added during 3EOC-23
						•	and will now be included in the Appendix Q population
Dissimilar							•
Terminal End					•		•
						Nozzle to Safe End	,

Oconee 3, 4th Inter-Soutage 2 (EOC-23)

							<del>-</del>
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG						ž	
O3.G13.1.0007							G13.001.007
3-PHA-17 Circumferential	50 Class 1	ISI-OCN3-005 O-ISIN4-100A-3.1	· NDE-68	VT-2	CS-Inconel	1.125 / 12.000	Steam Generator 3A Hot Leg to Reactor Vessel. Decay Heat Nozzle Pc. 34 to Safe End 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." This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population.
Dissimilar							Inspect with item number G13.001.008.
Distinuti						Nozzle to Safe End Buttering	
O3.G13.1.0008							G13.001.008
3-53A-18-11	53A	3-53A-18	NDE-68	VT-2	SS-Inconel	1.125 / 12.000	Decay Heat Nozzle Safe End.
Circumferential	Class	O-ISIN4-102A-3.1					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."  This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population.
Dissimilar						D: 10 ( 5-4	
		<u>-</u>				Pipe to Safe End	
O3.G13.1.0009 3-PHB-17	50	ISI-OCN3-006	NDE-68	VT-2	CS-Inconel	1.000 / 10.750	G13.001.009
Circumferential	Class 1	O-ISIN4-100A-3.1	NDL-00	v 1 - Z	·	1.000 / 10.730	Steam Senerator 3B Hot Leg to Reactor Vessel. PZR Surge Nozzle Pc. 25 to Safe End 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."  This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population.
							Inspect with item number G13.001.010.
Dissimilar							

Oconee 3, 4th Inter Sutage 2 (EOC-23)

Summary Num				Insp	ice o, sui interv	Dutage 2 (EUC-23)	•
Component ID / Type	System	ISO/DWG Numbers	Procedure		Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
ategory AUG							
O3.G13.1.0010							. G13.001.0
3-PSL-10		ISI-OCN3-015	NDE-68	VT-2	SS-Inconel	1.000 / 10.000	Pressurizer Surge Piping. Surge Nozzle Pc. 25 to
Circumferential	Class 1	O-ISIN4-100A-3.2				•	Pipe Pc. 85.
			.t≈			•	Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examinatio
							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."
	•	•				-	This weld had weld overlay added during 3EOC-23
	•						and will now be included in the Appendix Q populatio
						•	
Dissimilar					•		
Stress Weld							·
						Nozzle to Pipe	<u>.</u>
O3.G13.1.0011							G13.001.0
3-PZR-WP63-1	50	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	1.185 / 1.000	Pressurizer Sensing and Sampling Nozzles; W-X
Circumferential	Class 1						Quad.
•						•	Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examinatio
					6.		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 number G13,001.012.
Dissimilar					• •		
-			•			Consing Namels to Cofe and	
00 040 4 0040			100000	,		Sensing Nozzle to Safe- end	
O3.G13.1.0012	F.0	3RC-272	NDE 60	VTO	CC Inner-I		G13.001.0
3RC-272-9 Circumferential	50 Class 1	3NU-2/2	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examinatio
Oncumerential	Ciass I	·					Bare Metal Visual Examinations are to be performed
				2			each refueling outage by a VT-2 qualified inspector.
	**		-	-			Acceptance criteria is "no evidence of borated water leakage."
		•					icanayo.
Dissimilar				•			
		•			•	Dinata Cata	
<i>-</i>						Pipe to Safe- end	
•							·

Oconee 3, 4th Interval outage 2 (EOC-23)

<b>"</b>				Ocor	nee 3, 4th Inter	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG_							
O3.G13.1.0013							G13.001.01
3-PZR-WP63-2 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	1.185 / 1.000	Pressurizer Sensing and Sampling Nozzles; Y-Z Quac 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 number G13.001.014.
Dissimilar							
						Sensing Nozzle to Safe- end	
O3.G13.1.0014	,						G13.001.01
3RC-272-11 Circumferential	50 Class 1	3RC-272	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	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."
Dissimilar							
		•				Pipe to Safe- end	
O3.G13.1.0015			- 0			· · · · · · · · · · · · · · · · · · ·	G13.001.01
3-PZR-WP63-3 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	1.185 / 1.000	Pressurizer Sensing and Sampling Nozzles; Z-W Quad.
·	Oldos 1	-					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 number G13.001.016.
Dissimilar							·
	,			<del>-</del>		Sensing Nozzle to Safe- end	
O3.G13.1.0016	ΕΛ	3RC-272	NDE 60	V/T o	CC Incons!	1.050 / 1.000	G13.001.01
3RC-272-7 Circumferential	50 Class 1		NDE-68	VT-2	SS-Inconel	1.250 / 1.000	Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examinatior 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."
Dissimilar							
						Pipe to Safe- end	·
							•

Oconee 3, 4th Interval Sutage 2 (EOC-23)

				Ocoi	nee 3, 4th Inter	Sutage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG						•	
O3.G13.1.0023							G13.001.023
3-PZR-WP63-7	50	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	1.185 / 1.000	Pressurizer Sensing and Sampling Nozzles; Z-W
Circumferential	Class 1						Quad.
		•					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 number G13.001.024.
Dissimilar		•			-		
	Au.				, .	Sensing Nozzle to Safe- end	·
O3.G13.1.0024	_						G13.001.024
3RC-243-5 Circumferential	50 Class 1	3RC-243	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination.
· ·	Class 1						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."
			•			•	
Dissimilar							
						Pipe to Safe- end	•
O3.G13.1.0026							G13.001.026
3RC-287-6	50	3RC-287.	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	1 inch HL SB-166 Pressure Boss to CS HL pipe weld
Circumferential	Class 1					<u> </u>	& SS 1 inch pipe weld. (Examine the Nozzle (Boss) to
•							Hot Leg weld and the Nozzle (Boss) to SS 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."
				*			iounugo.
Dissimilar							
			) .			Nozzla to Dina	
				,		Nozzle to Pipe	
			•				

Oconee 3, 4th Inter-outage 2 (EOC-23)

Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG							
O3.G13.1.0027							G13.001.027
3RC-287-7 Circumferential	50 Class 1	3RC-287	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	1 inch HL SB-166 Pressure Boss to CS HL pipe weld & SS 1 inch pipe weld. (Examine the Nozzle (Boss) to Hot Leg weld and the Nozzle (Boss) to SS 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."
Dissimilar							
						Nozzle to Pipe	
O3.G13.1.0028							G13.001.028
3RC-286-14 Circumferential	50 Class 1	3RC-286	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	1 inch HL SB-166 Pressure Boss to CS HL pipe weld & SS 1 inch pipe weld. (Examine the Nozzle (Boss) to Hot Leg weld and the Nozzle (Boss) to SS 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."
Dissimilar							
						Nozzle to Pipe	·
O3.G13.1.0029						,	G13.001.029
3RC-286-15 Circumferential	50 Class 1	3RC-286 .	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	1 inch HL SB-166 Pressure Boss to CS HL pipe weld & SS 1 inch pipe weld. (Examine the Nozzle (Boss) to Hot Leg weld and the Nozzle (Boss) to SS 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."
Dissimilar							
						Nozzle to Pipe	

Oconee 3, 4th Inter Joutage 2 (EOC-23)

				Ocoi	ice 3, 4iii iiiiei i	Outage 2 (EOC-23)	
Summary Num Component ID / Type	Systen	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG							
O3.G13.1.0030						1111	G13.001.030
3RC-287-3 Circumferential	50 Class 1	3RC-287	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	0.75 inch ID HL Flowmeter SB-166 Nozzle Boss to CS HL pipe weld & SS pipe weld. (Examine the Nozzle (Boss) to Hot Leg weld and the Nozzle (Boss) to SS 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."
Dissimilar							
						Nozzle to Pipe	
O3.G13.1.0031						<u> </u>	G13.001.031
3RC-287-63V Circumferential	50 Class 1	3RC-287	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	0.75 inch ID HL Flowmeter SB-166 Nozzle Boss to CS HL pipe weld & SS pipe weld. (Examine the Nozzle (Boss) to Hot Leg weld and the Nozzle (Boss) to SS 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."
Dissimilar					•		
•						Nozzle to Pipe	
O3.G13.1.0032							G13.001.032
3RC-286-11 Circumferential	50 Class 1	3RC-286	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	0.75 inch ID HL Flowmeter SB-166 Nozzle Boss to CS HL pipe weld & SS pipe weld. (Examine the Nozzle (Boss) to Hot Leg weld and the Nozzle (Boss) to SS 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."
Dissimilar							
						Nozzle to Pipe	

Oconee 3, 4th Inter-butage 2 (EOC-23)

				Ocon	ee o, ann nner	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG							
O3.G13.1.0033		· · · · · · · · · · · · · · · · · · ·					G13.001.03
3RC-286-58V Circumferential	50 Class 1	3RC-286	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	0.75 inch ID HL Flowmeter SB-166 Nozzle Boss to CS HL pipe weld & SS pipe weld. (Examine the Nozzle (Boss) to Hot Leg weld and the Nozzle (Boss) to SS 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."
Dissimilar							
						Nozzle to Pipe	
O3.G13.2.0003							G13.002.00
3-PIB1-10 Circumferential . Dissimilar		ISI-OCN3-009 O-ISIN4-100A-3.1	NDE-68	VT-2	CS-Inconel	0.672 / 3.500	Pump 3B1 Suction Piping. Drain Nozzle Pc. 87 to Safe End Pc. 88.  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." Examine with item number G13.002.004.
Dissimiar							
						Nozzle to Safe End	
O3.G13.2.0004	E 1 A	000 000	NDE co	VT 0	00 1	0.075 / 0.500	G13.002.00
3RC-265-79 Circumferential Dissimilar		3RC-265 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-Inconel	0.375 / 2.500	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."

Oconee 3 4th Inter outage 2 (EOC-23)

Summary Num				Ocone Insp	ee 3, 4th Inter	butage 2 (EOC-23)	
Component ID / Type	System	ISO/DWG Numbers	Procedure		Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG			•				
O3.G13.2.0005							G13.002.005
3-PIA1-7 Circumferential	50 Class 1	ISI-OCN3-007 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-CS	2.330 / 33.500	Pump 3A1 Suction Piping. Pipe Pc. 56 to Safe End
Dissimilar	Class 1	Oriojiva-roda-d.1					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."
Dissimilar							
						Pipe to Safe End	
O3.G13.2.0006			LIBE 66	:			G13.002.006
3-PIA2-7 Circumferential	50 Class 1	ISI-OCN3-008 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-CS	2.330 / 33.500	Pump 3A2 Suction Piping. Pipe Pc. 56 to Safe End Pc. 55.
· ·	Class I	0-131N4-100A-3.1					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."
Dissimilar							
			•			Pipe to Safe End	
O3.G13.2.0007					-		G13.002.007
3-PIB1-7	50	ISI-OCN3-009	NDE-68	VT-2	SS-CS	2.330 / 33.500	Pump 3B1 Suction Piping. Pipe Pc. 56 to Safe End
Circumferential	Class 1	O-ISIN4-100A-3.1					Pc. 55. 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."
Dissimilar			•				Dolated water leakage.
						Pipe to Safe End	
O3.G13.2.0008						The to date Lite	G13.002.008
3-PIB2-7	50	ISI-OCN3-010	NDE-68	VT-2	SS-CS	2.330 / 33.500	Pump 3B2 Suction Piping. Pipe Pc. 56 to Safe End
Circumferential	Class 1	O-ISIN4-100A-3.1					Pc. 55. 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."
Dissimilar					-		
						Pipe to Safe End	•

Oconee 3, 4th Interval outage 2 (EOC-23)

					ee 3, 4th Inter	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG							
O3.G13.2.0009				-			G13.002.009
3-PDA1-2 Circumferential  Dissimilar	50 Class 1	ISI-OCN3-011 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-CS	2.330 / 33.500	Pump 3A1 Discharge Piping. Safe End Pc. 49 to Elbow Pc. 53.  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."
Dissimar						Safe End to Elbow	
O3.G13.2.0010						. Sale Elid to Libow	G13.002.010
3-PDA2-2	50	ISI-OCN3-012	NDE-68	VT-2	SS-CS	2.330 / 33.500	
Circumferential		O-ISIN4-100A-3.1	NDE-00	V 1 - 2	33-03	2.330 / 33.300	Pump 3A2 Discharge Piping. Safe End Pc. 49 to Elbow Pc. 53. 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
D: : :							borated water leakage."
Dissimilar		. ·					
	J., JL					Safe End to Elbow	
O3.G13.2.0011							G13.002.01
3-PDB1-2 Circumferential Dissimilar	50 Class 1	ISI-OCN3-013 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-CS	2.330 / 33.500	Pump 3B1 Discharge Piping. Safe End Pc. 49 to Elbow Pc. 53.  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."
						Safe End to Elbow	
O3.G13.2.0012		*		•			G13.002.012
3-PDB2-2	50	ISI-OCN3-014	NDE-68	VT-2	SS-CS	2.330 / 33.500	Pump 3B2 Discharge Piping. Safe End Pc. 49 to
Circumferential	Class 1	O-ISIN4-100A-3.1					Elbow Pc. 53.  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
Dissimilar							borated water leakage."
						Safe End to Elbow	

Oconee 3, 4th Inter outage 2 (EOC-23)

			000,	ice 0, 4111 initer i	Outage 2 (LOC-23)	•
Summary Num Component ID / Type	System ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG						
O3.G13.2.0015						G13.002.01
3B1-CON-2&3 Circumferential	50 Class 1 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-Inconel	0.250 / 1.000	1 inch LCL SB-166 Pressure Boss to CS LCL pipe weld & SS pipe weld. Reactor Coolant Pump 3B1 Suction Piping, Connections 2 and 3 on Flow Diagram OFD-100A-3.1 Examine the Pressure Boss to Cold Leg weld and the
						Pressure Boss to 1 inch SS 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
Dissimilar	•					borated water leakage."
	·				Elbow to Nozzle	,
O3.G13.2.0016						G13.002.01
3B2-CON-6&7	50	NDE-68	VT-2	SS-Inconel	0.250 / 1.000	1 inch LCL SB-166 Pressure Boss to CS LCL pipe
Circumferential Dissimilar	Class 1 O-ISIN4-100A-3.1					weld & SS pipe weld. Reactor Coolant Pump 3B2 Suction Piping, Connections 6 and 7 on Flow Diagram OFD-100A-3.1 Examine the Pressure Boss to Cold Leg weld and the Pressure Boss to 1 inch SS 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."
					Elbow to Nozzle	
O3.G13.2.0017						G13.002.01
3-PIA1-10 Branch	50 ISI-OCN3-007 Class 1 O-ISIN4-100A-3.1	NDE-68	VT-2	CS-Inconel	2.250 / 12.000	Pump 3A1 Suction Piping. Drain Nozzle Pc. 64 to Pipe Pc. 63. The NPS of the branch line is 1.5 inches 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." Examine with item number
Dissimilar						G13.002.018.
					Nozzle to Pipe	
					1102210 to 1 ipo	

Oconee 3, 4th Inter Soutage 2 (EOC-23)

					ice o, viii iiitei u	outage 2 (EOC-23)	•
Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG		,					
O3.G13.2.0018						N - 27	G13.002.018
3-50-21-23 Circumferential	50 Class 1	3-50-21 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-Inconel	0.281 / 1.500	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."
Dissimilar							
						Elbow to Nozzle	
O3.G13.2.0019						•	G13.002.019
3-PIA2-10 Branch	50 Class 1	ISI-OCN3-008 O-ISIN4-100A-3.1	NDE-68	VT-2	CS-Inconel	2.250 / 12.000	Pump 3A2 Suction Piping. Pipe Pc. 63 to Drain Nozzle Pc. 64. The NPS of the branch line is 1.5 inches.  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." Examine with item number
Dissimilar						Pipe to Nozzle	G13.002.020.
O3.G13.2.0020						Tipe to Nozzie	G13.002.020
3-50-21-1 Circumferential	50 Class 1	3-50-21 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-Inconel	0.281 / 1.500	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."
Dissimilar							
						Elbow to Nozzle	
O3.G13.2.0021							G13.002.021
3-PIB2-10 Branch	50 Class 1	ISI-OCN3-010 O-ISIN4-100A-3.1	NDE-68	VT-2	CS-Inconel	2.250 / 12.000	Pump 3B2 Suction Piping. Pipe Pc. 63 to Drain Nozzle Pc. 64. The NPS of the branch line is 1.5 inches. 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." Examine with item number
							G13.002.022.
Dissimilar							

#### Oconee 3, 4th Inter-outage 2 (EOC-23)

				Ocor	nee 3, 4th Inter	outage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Nùmbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG	*						
O3.G13.2.0022			7.1.000			, , , , , , , , , , , , , , , , , , , ,	G13.002.022
3-50-20-9	50	3-50-20	NDE-68	VT-2	SS-Inconel	0.281 / 1.500	Augmented Inspection Per MRP-139. Contact Jody
Circumferential	Class 1	O-ISIN4-100A-3.1					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."
Dissimilar							
						Elbow to Nozzle	
O3.G13.2.0023							G13.002.023
3-50-37-1 Circumferential	50 Class 1	3-50-37 O-ISIN4-100A-3.1	NDE-68	VT-2	SS-Inconel	0.250 / 1.000 ·	1 inch UCL SB-166 Pressure Boss to CS UCL pipe weld & SS pipe weld.  Augmented Inspection Per MRP-139. Examine the Pressure Boss to Cold Leg weld and the Pressure Boss to 1 inch SS Pipe weld.  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."
						Elbow to Nozzle	
O3.G14.1.0001							G14.001.001
3-PZR-THERM Circumferential  Dissimilar	50 Class 1	OM 100-1189 OM 2201-11058	NDE-68	VT-2	CS-Inconel	0.000 / 1.500	1.5 inch Thermowell located on the Pressurizer. 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."
Dissimilar							•
						Nozzle to Pipe	

Oconee 3, 4th Intervention outage 2 (EOC-23)

Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG	•			,			
O3.G14.1.0002							G14.001.00
3-PZR-WP45 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	. 0.750 / 4.000	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 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." This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population
Dissimilar							Inspect with item number G14.001.003.
Terminal End							
						Nozzle to Safe End	
O3.G14.1.0003							G14.001.00
3-PSP-1 Circumferential	. 50 Class 1	ISI-OCN3-016 O-ISIN4-100A-3.2	NDE-68	VT-2	SS-Inconel	0.438 / 4.000	Pressurizer Spray Piping. Spray Nozzle Pc. 45 to Pipe 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."  This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population
Dissimilar							
Terminal End					·		
						Nozzle to Pipe	

Oconee 3, 4th Inter-butage 2 (EOC-23)

					ee 3, 4th inter	outage 2 (EUC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG							
O3.G14.1.0004							G14.001.00
3-PZR-WP23 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	SS-CS	1.063 / 10.900	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." This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population.
Dissimilar	•						
Terminal End							
		•				Nozzie to Safe End	
O3.G14.1.0005							G14.001.00
3-PZR-WP91-1 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	SS-CS	0.375 / 2.500	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." This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population
Dissimilar							
Terminal End							
						Nozzle to Safe End	

Oconee 3, 4th Interseputage 2 (EOC-23)

	•			ee 3, 4th Inter	butage 2 (EOC-23)	
Summary Num Component ID / Type	System ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG						
O3.G14.1.0006					1000000	G14.001.006
3-PZR-WP91-2 Circumferential	50 ISI-OCN3-002 Class 1	NDE-68	VT-2	SS-CS	0.375 / 2.500	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 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." : This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population.
Dissimilar						
Terminal-End						•
·					Nozzle to Safe End	
O3.G14.1.0007					Nozzie to Gale Elia	G14.001.007
3-PZR-WP91-3 Circumferential	50 ISI-OCN3-002 Class 1	NDE-68	VT-2	SS-CS	0.375 / 2.500	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."  This weld had weld overlay added during 3EOC-23 and will now be included in the Appendix Q population
Dissimilar						
Terminal End		*				
					Nozzle to Safe End	
O3.G14.1.0008						G14.001.008
3-PZR-WP63-1 Circumferential	50 ISI-OCN3-002 Class 1	NDE-68	VT-2	CS-Inconel	1.185 / 1.000	Pressurizer Sensing and Sampling Nozzles; W-X Quad.
						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."
Dissimilar .						Inspect with item number G14.001.009.
					Sensing Nozzle to Safe- end	
					· ·	

		-	,		- Ocon	ee 3, 4th Inter	butage 2 (EOC-23)		
Summa Componer	nry Num nt ID / Type	System	ISO/DWG Numbers	Procedure	Insp	Mat	Sched Thick/Dia	Cal Blocks C	omments / Historical Data
Category	<u>AUG</u>								
O3.G14.1.0	0009								G14.001.009
3RC-272-9	)	50	3RC-272	NDE-68	VT-2	SS-Inconel	1.250 / 1.000		Augmented Inspection Per Oconee response to BL-
Circumfere	ential	Class 1							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."
Dissimilar									
							Pipe to Safe- end		
O3.G14.1.0	0010							<del></del>	G14.001.01
3-PZR-WP	P63-2	50	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	1.185 / 1.000		Pressurizer Sensing and Sampling Nozzles; Y-Z Quad
Circumfere	ential .	Class 1				•			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 number G14.001.011.
Dissimilar									
							Sensing Nozzle to Safe- end		,
O3.G14.1.0	0011								G14.001.01
3RC-272-1	1	50	3RC-272	NDE-68	VT-2	SS-Inconel	1.250 / 1.000		Augmented Inspection Per Oconee response to BL-
Circumfere	ential	Class 1							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."
Dissimilar			•						
	•						Pipe to Safe- end	*	
÷						•	F + 10 00.0 0.00	,	4
		-							

Oconee 3, 4th Inter-poutage 2 (EOC-23)

				Ocor	nee 3, 4th Inter	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG							
O3.G14.1.0012							G14.001.012
3-PZR-WP63-3	50	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	1.185 / 1.000	Pressurizer Sensing and Sampling Nozzles; Z-W
Circumferential	Class 1						Quad. 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 number G14.001.013.
Dissimilar							
						Sensing Nozzle to Safe- end	
O3.G14.1.0013						-	G14.001.01
3RC-272-7 Circumferential	50 Class 1	3RC-272	NDE-68	VT-2	SS-Inconel	1.250 / 1.000	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."
Dissimilar							
						Pipe to Safe- end	
O3.G14.1.0020							G14.001.02
3-PZR-WP63-7 Circumferential	50 Class 1	ISI-OCN3-002	NDE-68	VT-2	CS-Inconel	1.185 / 1.000	Pressurizer Sensing and Sampling Nozzles; Z-W Quad.  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 number G14.001.021.
Dissimilar	,						Appear with term number a 14.001.021.
						Sensing Nozzle to Safe- end	
						• /	

Oconee 3, 4th Inter outage 2 (EOC-23)

				Ucon	ee 3, 4th inter	Joutage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
ategory AUG								
O3.G14.1.0021								G14.001.02
3RC-243-5 Circumferential	50 Class 1	3RC-243	NDE-68	VT-2	SS-Inconel	1.250 / 1.000		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."
Dissimilar								
						Pipe to Safe- end		
O3.G2.1.0005								G02.001.005E
3-PDB2-46	51A Class 1	ISI-OCN3-014 O-ISIN4-100A-3.1 OM-201-597	NDE-690	UT	CS	2.500 / 3.500	40410 40350	Reference Section 7 of the ISI Plan, Volume 1. 3B2 HPI Nozzle PC 46. Perform UT on the nozzle inside radius (knuckle area). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G2.1.0006							· · · · · · · · · · · · · · · · · · ·	G02.001.005A
3-PDA1-46	51A Class 1	ISI-OCN3-011 O-ISIN4-100A-3.1 OM-201-597	NDE-690	UT	CS	2.500 / 3.500	40410 40350	Reference Section 7 of the ISI Plan, Volume 1. 3A1 Make-Up Nozzle PC 46. Perform UT on the nozzle inside radius (knuckle area). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G2.1.0007								G02.001.0050
3-PDB1-46	51A Class 1	ISI-OCN3-013 O-ISIN4-100A-3.1 OM-201-597	NDE-690	UT	CS	2.500 / 3.500	40410 40350	Reference Section 7 of the ISI Plan, Volume 1. 3B1 HPI Nozzle PC 46. Perform UT on the nozzle inside radius (knuckle area). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G2.1.0008						,	•	G02.001.005E
3-PDA2-46	51A Class 1	ISI-OCN3-012 O-ISIN4-100A-3.1 OM-201-597	NDE-690	UT	CS	2.500 / 3.500	40410 40350	Reference Section 7 of the ISI Plan, Volume 1. 3A2 Make-Up Nozzle PC 46. Perform UT on the nozzle inside radius (knuckle area). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.

• .				Ocor	nee 3, 4th Inter	butage 2 (EO	C-23)	•	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched T	hick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
O3.G2.1.0009		,							G02.001.006C
3-PDB1-11	51A Class 1	ISI-OCN3-013 O-ISIN4-100A-3.1	NDE-995	UT	SS-Inconel	0.7	50 / 3.500	40416 Component	Reference Section 7 of the ISI Plan, Volume 1. 3B1 HPI Nozzle PC 46 to Safe End PC 47. Perform UT on the nozzle to safe end weld. Perform UT examination
		OM-201-597							during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. This item is to be examined by both procedures NDE-995 and PDI-UT-10.
Dissimilar									
						HPI Nozzle, PC	46 to Safe E	nd, PC 47	·
O3.G2.1.0009									G02.001.006C
3-PDB1-11	51A	ISI-OCN3-013	PDI-UT-10	UT	SS-Inconel	0.7	50 / 3.500	40416	Reference Section 7 of the ISI Plan, Volume 1. 3B1
	01 1	O-ISIN4-100A-3.1			•			Component	HPI Nozzle PC 46 to Safe End PC 47. Perform UT on the nozzle to safe end weld. Perform UT examination
	Class 1	OM-201-597							during outages 17, 19 & 21 for the third interval. This
		OW 201-307							schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. This item is to be examined by both procedures NDE-995 and PDI-UT-
		•							10.
Dissimilar									
						HPI Nozzle, PC	46 to Safe E	nd, PC 47	
O3.G2.1.0010									G02.001.006A
3RC-211-70	51A	ISI-OCN3-011 3RC-211	NDE-995	UT	SS-Inconel	0.75	50 / 3.500	40416 Component	Reference Section 7 of the ISI Plan, Volume 1. 3A1 Make-Up Nozzle PC 46 to Safe End PC 47. Perform
	Class 1	OM-201-597			·				UT on the nozzle to safe end weld. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. This item is to be examined by both procedures NDE-995 and PDI-UT-
									10. Weld 3-PDA1-11 was cut out and replaced with 3RC-
									211-70.  Weld 70 is listed on weld iso 3RC-211 but drawing ISI-OCN3-011 is listed as the iso to show where the weld is located on the 3A1 Discharge Piping Loop.
Dissimilar									is recuted on the erri Blocharge riping 200p.
						Make Up Nozzle	e, PC 46 to S	afe End, PC 47	
O3.G2.1.0010	***************************************	` .							G02.001.006A
3RC-211-70	51A	ISI-OCN3-011 3RC-211	PDI-UT-10	UT	SS-Inconel	0.75	50 / 3.500	40416	Reference Section 7 of the ISI Plan, Volume 1. 3A1 Make-Up Nozzle PC 46 to Safe End PC 47. Perform
	Class 1	OM-201-597						Component	UT on the nozzle to safe end weld. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. This item is to be examined by both procedures NDE-995 and PDI-UT-
									10. Weld 3-PDA1-11 was cut out and replaced with 3RC-
rinted 02/20/08 lck8302 v	. 01/19/08			· · · · · · · · · · · · · · · · · · ·	s	DQA Cat "C"			Oconee 3 2/20/2008 7:25:20 AM Page 23 of 77

Oconee 3, 4th Inter-putage 2 (FOC-23)

Summary Component l		System	ISO/DWG Numbers	Procedure	Insp	nee 3, 4th Inter	outage 2 (EC Sched 1		Cal Blocks	Comments / Historical Data
•	.UG				,				•	
<u>utogoty</u> <u>A</u>	<u>log</u>			•		,				211-70.
	-									Weld 70 is listed on weld iso 3RC-211 but drawing IS
							•	•		OCN3-011 is listed as the iso to show where the well is located on the 3A1 Discharge Piping Loop.
Dissimilar				•		-	. •			is located on the OAT Discharge Fighing Loop.
							Make Up Nozz	le. PC 46 to Sa	ife End PC 47	
O3.G2.1.001				×				,		G02.001.00
3-PDB2-11	•	51A	ISI-OCN3-014	NDE-995	UT	SS-Inconel	0.7	750 / 3.500	40416	Reference Section 7 of the ISI Plan, Volume 1. 3B2
*			O-ISIN4-100A-3.1						Component	HPI Nozzle PC 46 to Safe End PC 47. Perform UT o
		Class 1								the nozzle to safe end weld. Perform UT examination during outages 17, 19 & 21 for the third interval. This
			OM-201-597							schedule cannot be changed. Check with Engineering
										prior to scheduling the fifth interval. This item is to b
										examined by both procedures NDE-995 and PDI-UT 10.
Dissimilar		. •								
		4					HPI Nozzle, P(	C 46 to Safe Er	nd, PC 47	
03.G2.1.001	1					***				G02.001.00
3-PDB2-11		51A	ISI-OCN3-014	PDI-UT-10	UT	SS-Inconel	. 0.7	750 / 3.500	40416	Reference Section 7 of the ISI Plan, Volume 1. 3B2
	•		O-ISIN4-100A-3.1	•					Component	HPI Nozzle PC 46-to Safe End PC 47. Perform UT of the nozzle to safe end weld. Perform UT examination
		Class 1	OM 004 507							during outages 17, 19 & 21 for the third interval. The
	•		OM-201-597							schedule cannot be changed. Check with Engineeri
										prior to scheduling the fifth interval. This item is to examined by both procedures NDE-995 and PDI-UT
										10.
Dissimilar			• *							
			•				HPI Nozzle, PO	C 46 to Safe Er	nd, PC 47	
3.G2.1.0012	2									G02.001.00
RC-210-43 <sub></sub>		51A	ISI-OCN3-012	PDI-UT-10	UT	SS-Inconel	0.7	750 / 3.500	40416	Reference Section 7 of the ISI Plan, Volume 1. 3A2
			3RC-210		•	•		* .	Component	Make-Up Nozzle PC 46 to Safe End PC 47. Perform UT on the nozzle to safe end weld. This schedule
		Class 1	OM-201-597						,	cannot be changed. Check with Engineering prior to
			OW-201-337			•	•			scheduling the fifth interval. This item is to be examined by both procedures NDE-995 and PDI-UT
•								•		10.
			,							Weld 3-PDA2-11 was cut out and replaced with 3RC
					:					210-43. Weld 43 is listed on weld iso 3RC-210 but drawing I
										OCN3-012 is listed as the iso to show where the we is located on the 3A2 Discharge Piping Loop.
)issimilar .										is located on the SAZ Discharge Fighing Loop.
							Maka Un Na	In DC 46 to Co	fo End DC 47	
				····			Make Up Nozz	ie, PC 46 to Sa	ile Eria, PC 47	

Oconee 3, 4th Intervenue outage 2 (EOC-23)

				Ocor	nee 3, 4th Inter	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG								· .
3RC-210-43	Class 1	ISI-OCN3-012 3RC-210 OM-201-597	NDE-995	UT	SS-Inconel	0.750 / 3.500	40416 Component	Reference Section 7 of the ISI Plan, Volume 1. 3A2 Make-Up Nozzle PC 46 to Safe End PC 47. Perform UT on the nozzle to safe end weld. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. This item is to be examined by both procedures NDE-995 and PDI-UT-10. Weld 3-PDA2-11 was cut out and replaced with 3RC-210-43. Weld 43 is listed on weld iso 3RC-210 but drawing ISI-
D								OCN3-012 is listed as the iso to show where the weld is located on the 3A2 Discharge Piping Loop.
Dissimilar		2						;
						Make Up Nozzle, PC 46 to S	Safe End, PC 47	
O3.G2.1.0013					•			G02.001.007D
3-PDB2-47	51A Class 1	ISI-OCN3-014 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.750 / 3.500	Component .	Reference Section 7 of the ISI Plan, Volume 1. Safe End PC 47 adjoining HPI Nozzle 3B2. Perform UT on the Safe End base metal (between the nozzle to safe end weld and the safe end to pipe weld). Perform UT examination during outages 17, 19 & 21 for the third
						•		interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G2.1.0014							•	G02.001.007B
3-PDA2-47	51A Class 1	ISI-OCN3-012 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.750 / 3.500	Component	Reference Section 7 of the ISI Plan, Volume 1. Safe End PC 47 adjoining Make-Up Nozzle 3A2. Perform UT on the Safe End base metal (between the nozzle to safe end weld and the safe end to pipe weld). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G2.1.0015								G02.001.007C
3-PDB1-47	51A Class 1	ISI-OCN3-013 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.750 / 3.500	Component	Reference Section 7 of the ISI Plan, Volume 1. Safe End PC 47 adjoining HPI Nozzle 3B1. Perform UT on the Safe End base metal (between the nozzle to safe end weld and the safe end to pipe weld). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
	•				· ,			with Engineering prior to scheduling the fifth interva

Oconee 3, 4th Interval outage 2 (EOC-23)

					ee 3, 4th Inter	outage 2 (EOC-23)		
Summary Num Component ID / Type	Systen	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG								
O3.G2.1.0016								G02.001.007A
3-PDA1-47 .	51A Class 1	ISI-OCN3-011 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UΤ	SS	0.750 / 3.500	Component	Reference Section 7 of the ISI Plan, Volume 1. Safe End PC 47 adjoining Make-Up Nozzle 3A1. Perform UT on the Safe End base metal (between the nozzle to safe end weld and the safe end to pipe weld). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G2.1.0017	***		****				-3-	G02.001.008A
3RC-211-71	51A Class 1	3RC-211 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426	Reference Section 7 of the ISI Plan, Volume 1. Make-Up Nozzle 3A1. Perform UT on weld 3RC-211-71 and adjoining base metal out to weld 3RC-211-54 (at valve 3HP-127). This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. Inspect this weld at the same time item number G04.001.027 is inspected.  Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe Safe End PC 47 to Pipe		
O3.G2.1.0018								G02.001.008C
3RC-212-52	51A Class 1	3RC-212 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426	Reference Section 7 of the ISI Plan, Volume 1. HPI Nozzle 3B1. Perform UT on weld 3RC-212-52 and adjoining base metal out to weld 3RC-212-45 (at valve 3HP-153). There is a circumferential weld located between weld 3RC-212-52 and 3RC-212-45. This weld (3RC-212-43C) will be documented as item number G02.001.009B. Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. Inspect this weld at the same time item number G04.001.003 is inspected.  Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Safe End PC 47 to Pipe		-

#### Oconee 3, 4th Interval outage 2 (EOC-23)

				Ocone	e 3, 4th Inte	r outage 2 (EOC-23)		
Summary Num Component ID / Type	System ISO/DWG Numbers		Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	s Comments / Historical Data
Category AUG								
O3.G2.1.0019						1		G02.001.008D
3RC-213-26	51A Class 1	3RC-213 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT .	SS	0.375 / 2.500	40426	Reference Section 7 of the ISI Plan, Volume 1. HPI Nozzle 3B2. Perform UT on weld 3RC-213-26 and adjoining base metal out to weld 3RC-213-27 (at valve 3HP-152). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. Inspect this weld at the same time item number G04.001.005 is inspected.  Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Safe End PC 47 to Pipe		
O3.G2.1.0020								G02.001.008E
3RC-210-44	51A Class 1	3RC-210 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426	Reference Section 7 of the ISI Plan, Volume 1. Make- Up Nozzle 3A2. Perform UT on weld 3RC-210-44 and adjoining base metal out to weld 3RC-210-31 (at valve 3HP-126). This schedule cannot be changed. Inspect this weld at the same time item number G04.001.0024 is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Safe End PC 47 to Pipe		
O3.G2.1.0021				•				. G02.001.009B
3RC-212-43C		3RC-212 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT .	SS	0.375 / 2.500	40426	Reference Section 7 of the ISI Plan, Volume 1. HPI Nozzle 3B1. Perform UT on weld 3RC-212-43C. Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. Inspect this weld at the same time item number G04.001.002 is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe to Pipe		
								-

Oconee 3. 4th Intervaluage 2 (FOC-23)

				Ocone	e 3, 4th Intel	rt utage 2 (EOC-23)		
Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG						•		
O3.G2.1.0022								G02.001.010C
3RC-212-45	51A Class 1	3RC-212 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426	Reference Section 7 of the ISI Plan, Volume 1. HPI Nozzle 3B1. Perform UT on weld 3RC-212-45 (at valve 3HP-153). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. Inspect this weld at the same time item number G04.001.001 is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe to Valve 3HP-153		
O3.G2.1.0023		<del>-</del>						G02.001.010B
3RC-210-31	51A Class 1	3RC-210 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426	Reference Section 7 of the ISI Plan, Volume 1. Make Up Nozzle 3A2. Perform UT on weld 3RC-210-31 (at valve 3HP-126). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. Inspect this weld at the same time item number G04.001.025 is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe to Valve 3HP-126		
O3.G2.1.0024								G02.001.010D
3RC-213-27		3RC-213 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT .	SS	0.375 / 2.500	40426	Reference Section 7 of the ISI Plan, Volume 1. HPI Nozzle 3B2. Perform UT on weld 3RC-213-27 (at valve 3HP-152). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. Inspect this weld at the same time item number G04.001.004 is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe to Valve 3HP-152		

# Oconee 3, 4th Interval outage 2 (EOC-23)

					ee 3, 4th Interv	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category AUG							
O3.G2.1.0025							G02.001.010A
3RC-211-54	51A Class 1	3RC-211 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426 Reference Section 7 of the ISI Plan, Volume 1. Make Up Nozzle 3A1. Perform UT on weld 3RC-211-54 (at valve 3HP-127). Perform UT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval. Inspect this weld at the same time item number G04.001.026 is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe to Valve 3HP-127	
O3.G2.1.0026							G02.001.011A
3A1-THERM SLEEVE	51A Class 1	ISI OCN3-011 O-ISIN4-100A-3.1 OM-201-597	NDE-105	RT	SS	0.750 / 3.500	Reference Section 7 of the ISI Plan, Volume 1. Make UP Nozzle 3A1. 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. Perform RT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G2.1.0027						٠,	G02.001.011D
3B2-THERM SLEEVE		ISI OCN3-014 O-ISIN4-100A-3.1 OM-201-597	NDE-105	RT	SS :	0.750 / 3.500	Reference Section 7 of the ISI Plan, Volume 1. HPI Nozzle 3B2. 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. Perform RT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G2.1.0028			·		<u>,</u>		G02.001.011C
3B1-THERM SLEEVE		ISI OCN3-013 O-ISIN4-100A-3.1 OM-201-597	NDE-105	RT	SS	0.750 / 3.500	Reference Section 7 of the ISI Plan, Volume 1. HPI Nozzle 3B1. 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. Perform RT examination during outages 17, 19 & 21 for the third interval. This schedule cannot be changed. Check with Engineering prior to scheduling the fifth interval.

Oconee 3 4th Interview outage 2 (EOC-23)

<b>•</b>				Ocone	e 3, 4th Inte	rv butage 2 (EOC-23)		
Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG			•					
O3.G2.1.0029							·	G02.001.011B
3A2-THERM SLEEVE	51A Class 1	ISI OCN3-012 O-ISIN4-100A-3.1 OM-201-597	NDE-105	RT	SS	0.750 / 3.500		Reference Section 7 of the ISI Plan, Volume 1. Make UP Nozzle 3A2. 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. Perform RT examination during outages 17, 19 & 21 for the third interval. This schedule
			* .					cannot be changed. Check with Engineering prior to scheduling the fifth interval.
O3.G4.1.0001	<u> </u>							G04.001.001
3RC-212-45 Circumferential	51A Class 1	3RC-212 O-ISIN4-101A-3.4	NDE-995	ŲT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan. See addenda ONS3-049 Inspect this weld at the same time item number G02.001.010C is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Valve 3HP-153 to Pipe		
O3.G4.1.0002							···········	G04.001.002
3RC-212-43C Circumferential		3RC-212 O-ISIN4-100A-3.1	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
								This weld was listed previously as 3-51A-61-43C until iso 3-51A -61 was redrawn. Inspect this weld at the same time item number
								G02.001.009B is inspected.  Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe to Pipe		
O3.G4.1.0003				-				G04.001.003
3RC-212-52 Circumferential	51A Class 1	3RC-212 O-ISIN4-100A-3.1	, NDE-995 .	ÙΤ	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
•								This weld was listed previously as 3-51A-61-44A until iso 3-51A -61 was redrawn. Inspect this weld at the same time item number
								G02.001.008C is inspected.  Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
		·				Pipe to Nozzle on 3B1 Disc l	_ine	

Oconee 3 4th Inter Suitage 2 (FOC-23)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp	3, 4th Intei Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG				•				
O3.G4.1.0004								G04.001.004
3RC-213-27 Circumferential		3HP-213 O-ISIN4-101A-3.4	NDE-995	UT ·	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. See addenda ONS3-049 Inspect this weld at the same time item number G02.001.010D is inspected. Note: The inspection performed for the G02 item
								number will be sufficient to meet the requirements for the G04 inspection.
		•				Valve 3HP-152 to Pipe		
O3.G4.1.0005								G04.001.009
3RC-213-26 Circumferential		3RC-213 O-ISIN4-100A-3.1	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan. This weld was listed previously as 3-51A-62-26 until iso 3-51A -62 was revised.(See rev. 8)
								Inspect this weld at the same time item number G02.001.008D is inspected.  Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe to Nozzle on 3B2 Disch	Line	
O3.G4.1.0006								G04.001.000
3HP-242-39 Circumferential		3HP-242 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
								This weld was listed previously as 3-51A-61-39 until iso 3-51A -61 was redrawn.
		•				Pipe to Elbow		
O3.G4.1.0007						Tipe to Libow		G04.001.007
3HP-242-40 Circumferential		3HP-242 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan.  See Addenda ONS3-049
•						Pipe to Elbow		·
O3.G4.1.0008						*		G04.001.008
3HP-242-46 Circumferential		3HP-242 O-ISIN4-101A-3.4	NDE-995	UT	SS 	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. See Addenda ONS3-049
						Pipe to Valve 3HP-488		

# Oconee 3, 4th Inter-soutage 2 (EOC-23)

				Ocone	e 3, 4th Inter	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG		•						
O3.G4.1.0009					,			G04.001.009
3HP-243-19A Circumferential		3HP-243 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. This weld was listed previously as 3-51A-62-19A until iso 3-51A -62 was redrawn.
						Pipe to Elbow		
O3.G4.1.0010						***		G04.001.010
3HP-243-23 Circumferential		3HP-243 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. See addenda ONS3-049
						Pipe to Valve 3HP-489		
O3.G4.1.0011								G04.001.011
3HP-243-22 Circumferential	51A Class 1	3HP-243 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. See addenda ONS3-049
						Elbow to Pipe		
O3.G4.1.0012								G04.001.012
3RC-210-32 Circumferential		3RC-210 O-ISIN4-101A-3.4	NDE-12	RT	SS	0.375 / 2.500		Use Procedure NDE-995 to perform a circumferential scan of the weld and half of an 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 a quarter of an inch of base metal on each side of the weld.  See PIP # 0-99-02157 and PIP # 0-01-04673 for examination methods and area of coverage for this item number.
						Valve 3HP-126 to Valve 3HP	-486	
O3.G4.1.0012								G04.001.012
3RC-210-32 Circumferential		3RC-210 O-ISIN4-101A-3.4	NDE-995	UT .	SS	0.375 / 2.500	40426	Use Procedure NDE-995 to perform a circumferential scan of the weld and half of an 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 a quarter of an inch of base metal on each side of the weld.  See PIP # O-99-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number.
						Valve 3HP-126 to Valve 3HP	-486	item number.

Oconee 3, 4th Inter Soutage 2 (EOC-23)

Summary Num				Ucon Insp	ee 3, 4th Inter	butage 2 (EOC-23)		
Component ID / Type	System	ISO/DWG Numbers	Procedure		Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG						<b>,</b>		
O3.G4.1.0013								· G04.001.013
3RC-211-47 Circumferential	51A Class 1	3RC-211 O-ISIN4-101A-3.4	NDE-12	RT	SS	0.375 / 2.500		Use Procedure NDE-995 to perform a circumferential scan of the weld and half of an 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 a quarter of an inch of base metal on each side of the weld.  See PIP # O-99-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number.
						Valve 3HP-487 to Valve 3HP	-127	
O3.G4.1.0013								G04.001.013
3RC-211-47 Circumferential		3RC-211 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Use Procedure NDE-995 to perform a circumferential scan of the weld and half of an 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 a quarter of an inch of base metal on each side of the weld.  See PIP # O-99-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number.
						Valve 3HP-487 to Valve 3HP	-127	
O3.G4.1.0014								G04.001.014
3RC-212-46 Circumferential	51A Class 1	3RC-212 O-ISIN4-101A-3.4	NDE-12	RT	SS	0.375 / 2.500		Use Procedure NDE-995 to perform a circumferential scan of the weld and half of an 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 a quarter of an inch of base metal on each side of the weld.  See PIP # O-99-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number.
						Valve 3HP-153 to Valve 3HP	-488	<u> </u>
O3.G4.1.0014								G04.001.014
3RC-212-46 Circumferential	51A Class 1	3RC-212 O-ISIN4-101A-3.4	NDE-995 :	UT	SS	0.375 / 2.500	40426	Use Procedure NDE-995 to perform a circumferential scan of the weld and half of an 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 a quarter of an inch of base metal on each side of the weld.  See PIP # O-99-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number.
					•	Valve 3HP-153 to Valve 3HP	-488	
							·	

Oconee 3, 4th Inter-poutage 2 (EOC-23)

Summary Num			`	Ocone Insp	ee 3, 4th Inter	butage 2 (EOC-23)		•
Component ID / Type	System	ISO/DWG Numbers	Procedure		Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG								
O3.G4.1.0015								G04.001.015
3RC-213-28 Circumferential	·51A Class 1	3RC-213 O-ISIN4-100A-3.1	NDE-12	RT.	SS	0.375 / 2.500		Use Procedure NDE-995 to perform a circumferential scan of the weld and half of an 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 a quarter of an inch of base metal on each side of the weld.  See PIP # O-99-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number.
						Valve 3HP-152 to Valve 3HP	-489	
O3.G4.1.0015								G04.001.015
3RC-213-28 Circumferential	51A Class 1	3RC-213 O-ISIN4-100A-3.1	NDE-995	UT	SS	0.375 / 2.500	40426	Use Procedure NDE-995 to perform a circumferential scan of the weld and half of an 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 a quarter of an inch of base metal on each side of the weld.  See PIP # O-99-02157 and PIP # O-01-04673 for examination methods and area of coverage for this item number.
						Valve 3HP-152 to Valve 3HP	-489	
O3.G4.1.0016								G04.001.016
3HP-240-19 Circumferential	51A Class 1	3HP-240 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan. This weld was listed previously as 3-51A-64-19 until iso 3-51A -64 was redrawn.
•	•					Pipe to Elbow		
O3.G4.1.0017								G04.001.017
3HP-240-21 Circumferential		3HP-240 O-ISIN4-101A-3.4	NDE-995	UT ~	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan. This weld was listed previously as 3-51A-64-21 until iso 3-51A -64 was redrawn.
						Elbow to Pipe		
O3.G4.1.0018								G04.001.018
3HP-240-32 Circumferential		3HP-240 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
						Pipe to Valve 3HP-486		

Oconee 3, 4th Inter outage 2 (EOC-23)

					ee 3, 4th Inte	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG								
O3.G4.1.0019								G04.001.019
3HP-241-32 Circumferential		3HP-241 O-ISIN4-101A-3.4	NDE-995	UT .	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan. This weld was listed previously as 3-51A-63-32 until iso 3-51A -63 was redrawn.
						Pipe to Elbow		
O3.G4.1.0020								G04.001.020
3HP-241-33 Circumferential		3HP-241 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan. This weld was listed previously as 3-51A-63-33 until iso 3-51A -63 was redrawn.
						Elbow to Pipe		
O3.G4.1.0021					)	n and Paktodo Lake		G04.001.021
3HP-241-48 Circumferential		3HP-241 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan. Weld 3HP-241-33A was deleted and weld 3HP-241-48 replaced it.
						Pipe to Pipe		
O3.G4.1.0022								G04.001.022
3HP-241-43 Circumferential		3HP-241 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
						Valve 3HP-487 to Pipe		
O3.G4.1.0023								G04.001.023
3HP-243-21 Circumferential		3HP-243 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan. This weld was listed previously as 3-51A-62-21 until iso 3-51A -62 was redrawn.
						Pipe to Elbow	•	
O3.G4.1.0024		- 12 - 17 - 17 - 17 - 17 - 17 - 17 - 17						G04.001.024
3RC-210-44		3RC-210 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. Inspect this weld at the same time item number G02.001.008B is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Safe End PC 47 to Pipe		

Oconee 3, 4th Intel Outage 2 (EOC-23)

•				Ocone	e 3, 4th inter	outage 2 (EOC-23)		• · · · · · · · · · · · · · · · · · · ·
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG								
O3.G4.1.0025							<del>.</del>	G04.001.025
3RC-210-31		3RC-210 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. Inspect this weld at the same time item number G02.001.010B is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
·				.=.		Pipe to Valve 3HP-126		
O3.G4.1.0026								G04.001.026
3RC-211-54		3RC-211 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. Inspect this weld at the same time item number
								G02.001.010A is inspected.  Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe to Valve 3HP-127		
O3.G4.1.0027								G04.001.027
3RC-211-71	51A Class 1	3RC-211 O-ISIN4-100A-3.1 OM-201-597	NDE-995	UT .	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal(axial & circ.).Reference Section 7 Paragraph 7.1.4 of the ISI Plan. Inspect this weld at the same time item number G02.001.008A is inspected. Note: The inspection performed for the G02 item number will be sufficient to meet the requirements for the G04 inspection.
						Pipe Safe End PC 47 to Pipe		
O3.G4.1.0029	,,	·						G04.001.029
3HP-241-49 Circumferential		3HP-241 O-ISIN4-101A-3.4	NDE-995	UT	SS	0.375 / 2.500	40426	Inspect 100% of weld &1"of Base Metal (axial & circ.). Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
						•		• .
Category B-B						Pipe to Pipe		·
O3.B2.11.0001								B02.011.001
3-PZR-WP76 Circumferential		ISI-OCN3-002 OM-2201-229	PDI-UT-6	UT	CS	4.750 / 84.000	40387	Pressurizer Upper Head Pc. 5 to Upper Shell Course Pc. 1.
						Head to Shell		

				Ocone	ee 3, 4th Intel	outage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-B								
O3.B2.12.0001			`					B02.012.00
3-PZR-WP1-1	50	ISI-OCN3-002	PDI-UT-6	UT	CS	6.188 / 0.000	40387	Pressurizer Upper Shell Course Pc. 1 to Upper Shell
Longitudinal	Class 1	OM-2201-229						Course Pc. 1.
						Shell to Shell		
Category B-D								
O3.B3.110.0001								B03.110.00
3-PZR-WP15	50	ISI-OCN3-002	NDE-820	UT	CS	4.750 / 15.250	40394	Pressurizer Surge Nozzle Pc. 8 To Lower Head Pc. 6.
Circumferential	Class 1	OM 2201-229						
		B&W 149786E						
			•			Nozzle to Head		
O3.B3.110.0001								B03.110.00
3-PZR-WP15	50	ISI-OCN3-002	NDE-640	UT	CS	4.750 / 15.250	40394	Pressurizer Surge Nozzle Pc. 8 To Lower Head Pc. 6.
Circumferential `	Class 1	OM 2201-229 B&W 149786E		•				
			•			Nozzle to Head		
O3.B3.110.0002					,			B03.110.00
3-PZR-WP34	50	ISI-OCN3-002	NDE-820	UT	CS	4.750 / 7.750	40394	Pressurizer Spray Nozzle Pc. 9 to Upper Head Pc. 5.
Circumferential	Class 1	OM 2201-229						
		B&W 149787E						
						Nozzle to Head		
O3.B3.110.0002				-				B03.110.002
3-PZR-WP34	50	•	NDE-640	UT	CS	4.750 / 7.750	40394	Pressurizer Spray Nozzle Pc. 9 to Upper Head Pc. 5.
Circumferential	Class 1							
		B&W 149787E	•					
						Nozzle to Head		
O3.B3.110.0003								B03.110.00
3-PZR-WP33-3	50	ISI-OCN3-002	NDE-640	UT	CS	4.750 / 6.875	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5. Z-W Quadrant.
Circumferential	Class 1	OM 2201-229 B&W 149788E						Z-VV Quadrant.
	•	DQVV 143700L						
00.00.440.0000					,	Nozzle to Head		D00 440 00
O3.B3.110.0003 3-PZR-WP33-3	F.0	ICLOCNS 000	NDE 900	LIT	00	A 750 / C 075	40204	B03.110.00
Circumferential		ISI-OCN3-002 OM 2201-229	NDE-820	UT .	CS	4.750 / 6.875	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5. Z-W Quadrant.
Circumerential	Ciass I	B&W 149788E						
		•				Nozzle to Head		
inted 02/20/08 lck8302 y	. 01/19/08	ř				SDQA Cat "C"		Oconee 3 2/20/2008 7:25:20 AM Page 37 of 77

outage 2 (FOC-23) Oconee 3, 4th Inter

				Ocone	e 3, 4th Inte	rt butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
ategory B-D		-						
O3.B3.110.0004		•						B03.110.004
3-PZR-WP33-2 Circumferential		ISI-OCN3-002 OM 2201-229 B&W 149788E	NDE-820	UT	CS	4.750 / 6.875	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5. X-Y Quadrant.
		D&W 143700L				Nozzle to Head		• •
O3.B3.110.0004					-			B03.110.004
3-PZR-WP33-2·	50	ISI-OCN3-002	NDE-640	UT	CS	4.750 / 6.875	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc.
Circumferential	Class 1	OM 2201-229			,	_		5. X-Y Quadrant.
		B&W 149788E				•		. •
						Nozzle to Head		
O3.B3.110.0005				<del></del>				B03.110.005
3-PZR-WP33-1	50	ISI-OCN3-002	NDE-640	UT .	CS	4.750 / 6.875	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5.
Circumferential	Class 1	OM 2201-229		÷.,				W-X Quadrant.
		B&W 149788E						
						Nozzie to Head		
O3.B3.110.0005						1102270 10 11044		B03.110.009
3-PZR-WP33-1	50	ISI-OCN3-002	NDE-820	UT	CS	4.750 / 6.875	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5.
Circumferential	Class 1	OM 2201-229				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		W-X Quadrant.
		B&W 149788E						
					,	Nozzle to Head		•
O3.B3.120.0001				•		·		B03.120.00
3-PZR-WP15	50	ISI-OCN3-002	NDE-3620	UT	CS	4.750 / 13.250	40394	Pressurizer Surge Nozzle Pc. 8 to Lower Head Pc. 6.
0-1 Z11-W1 10	Class 1	OM 2201-229	1402 0020	O 1,	00	4.7307 10.230	70004	(Inside Radius Section)
		B&W 149786E			•			
						Nozzle to Head		•
O3.B3.120.0002						- TOZZIE (O FIEAU		B03.120.002
3-PZR-WP34	50	ISI-OCN3-002	NDE-3620	UT	CS	4.750 / 7.750	40394	Pressurizer Spray Nozzle Pc. 9 to Upper Head Pc. 5.
3-1 Z/1-W1 34	Class 1	OM 2201-229	14DL-3020	01	03	4.73077.730	40094	(Inside Radius Section)
	Glade .	B&W 149787E						,
			•			Nonele to Head		•
O2 B2 100 0002		•				Nozzle to Head		700 100 000
O3.B3.120.0003	EO.	ISLOCNS 003	NDE 2620	LIT	CS	4 7EN / C 07E	40204	B03.120.000
3-PZR-WP33-3	50 Class 1	ISI-OCN3-002 OM 2201-229 B&W 149788E	NDE-3620	UT	CS	4.750 / 6.875	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5 (Inside Radius Section). Z-W Quadrant.
*						Nozzlo to Hood		
						Nozzle to Head		

Oconee 3, 4th Inter Sutage 2 (EOC-23)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks (	Comments / Historical Data
Category B-D								
O3.B3.120.0004								B03.120.004
3-PZR-WP33-2	50 Class 1	ISI-OCN3-002 OM 2201-229 B&W 149788E	NDE-3620	UT	CS	4.750 / 6.875	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5 (Inside Radius Section). X-Y Quadrant.
		DAVV 143700L						·
						Nozzle to Head		
O3.B3.120.0005							,	B03.120.005
3-PZR-WP33-1	50 Class 1	ISI-OCN3-002 OM 2201-229	NDE-3620	·UT	CS	0.750 / 6.875 -	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5 (Inside Radius Section). W-X Quadrant.
		B&W 149788E						
						Nozzle to Head		
Category B-G-2						1102210 10 11044		
O3.B7.50.0002			<del></del>					B07.050.002
3-PZR-RC66-STUDS	50 Class 1	OM-2201-0229 O-ISIN4-100A-3.2	NDE-62	VT-1	CS	0.000 / 1.125		Pressurizer Relief Valve 3RC-66 Inlet Flange Bolting. W-Z Quadrant. 8 Studs and 16 Nuts, Length = 8.750". Examine all studs and nuts.
O3.B7.50.0003								B07.050.003
3-PZR-RC67-STUDS	50 Class 1	OM-2201-0229 O-ISIN4-100A-3.2	NDE-62	VT-1	CS	0.000 / 1.125	<i>/ .</i>	Pressurizer Relief Valve 3RC-67 Inlet Flange Bolting. W-X Quadrant. 8 Studs and 16 Nuts, Length = 8.750". Examine all studs and nuts.
O3.B7.50.0004	<del></del>							B07.050.004
3-PZR-RC68-STUDS	50 Class 1	OM-2201-0229 O-ISIN4-100A-3.2	NDE-62	VT-1	CS	0.000 / 1.125	·	Pressurizer Relief Valve 3RC-68 Inlet Flange Bolting. X-Y Quadrant. 8 Studs and 16 Nuts, Length = 8.750". Examine all studs and nuts.
O3.B7.50.0005								B07.050.005
3HP-241-3A1-FLG	50 Class 1	3HP-241 O-ISIN4-101A-3.4	NDE-62	V.T-1	CS	1.000 / 0.000		Flange Bolting on 2.5 inch piping flange located on the 3A1 HPI line. Flange is located on weld iso 3HP-241
O3.B7.50.0006								B07.050.006
3HP-240-3A2-FLG	50 Class 1	3HP-240 O-ISIN4-101A-3.4	NDE-62	VT-1	CS	1.000 / 0.000		Flange Bolting on 2.5 inch piping flange located on the 3A2 HPI line. Flange is located on weld iso 3HP-240.

				Ocone	e 3, 4th Inter	outage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-2								
O3.B7.50.0007								B07.050.007
3HP-242-3B1-FLG	50 Class 1	3HP-242 O-ISIN4-101A-3.4	NDE-62	VT-1	CS	1.000 / 0.000		Flange Bolting on 2.5 inch piping flange located on the 3B1 HPI line. Flange is located on weld iso 3HP-242.
O3.B7.50.0008								B07.050.008
3HP-252-3B2-FLG	50 Class 1	3HP-252 O-ISIN4-101A-3.4	NDE-62	VT-1	CS	1.000 / 0.000		Flange Bolting on 2.5 inch piping flange located on the 3B2 HPI line. Flange is located on weld iso 3HP-252.
Category B-J								
O3.B9.11.0006								B09.011.006, B09.011.006A
3-PIA1-4	50	ISI-OCN3-007	NDE-25	MT	CS	2.330 / 33.500		Pump 3A1 Suction Piping. Pipe Pc. 63 to Elbow Pc.
Circumferential	Class 1	O-ISIN4-100A-3.1				,		62. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld								
						Pipe to Elbow		
O3.B9.11.0006								B09.011.006, B09.011.006A
3-PIA1-4	50	ISI-OCN3-007 O-ISIN4-100A-3.1	NDE-600	UT	CS	2.330 / 33.500	Component 40350	Pump 3A1 Suction Piping. Pipe Pc. 63 to Elbow Pc. 62.
Circumferential	Class 1							Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld								
						Pipe to Elbow		,
O3.B9.11.0007								B09.011.007, B09.011.007A
3-PIA1-8 Circumferential	50 Class 1	ISI-OCN3-007 O-ISIN4-100A-3.1	NDE-600	UT	SS	2.330 / 33.500	Component	Pump 3A1 Suction Piping. Safe End Pc. 55 to RCP 3A1 Suction Nozzle. For the examination scheduled in outage 2, procedure NDE-830 and either cal block 50386 or cal block 50214 are to be used for a supplemental UT from the pump side. Jim McArdle requested this examination to help justify the limited coverage that was achieved in the UT examination performed during outage 1. The examination in
Ctropo Mold								outage 2 does not count in the percentages.
Stress Weld Terminal End								
Tommar End						Safe End to Nozzle		
O3.B9.11.0007						33.0 1110 10 1101110		B09.011.007, B09.011.007A

Oconee 3, 4th Inter-outage 2 (EOC-23)

				Ocon	iee 3, 4th Intei	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J								
3-PIA1-8	50	ISI-OCN3-007 O-ISIN4-100A-3.1	NDE-830	UT	SS	2.330 / 33.500	Component 50214	Pump 3A1 Suction Piping. Safe End Pc. 55 to RCP 3A1 Suction Nozzle. For the examination scheduled in
Circumferential	Class 1					·		outage 2, procedure NDE-830 and either cal block 50386 or cal block 50214 are to be used for a supplemental UT from the pump side. Jim McArdle requested this examination to help justify the limited coverage that was achieved in the UT examination performed during outage 1. The examination in outage 2 does not count in the percentages.
Stress Weld								
Terminal End						•		
						Safe End to Nozzle		
O3.B9.11.0008								B09.011.008, B09.011.008/
3SGA-W3 Circumferential	50 Class 1	ISI-OCN3-008 OM 201.S0156.001	NDE-25	MT	CS	3.500 / 33.500		Pump 3A2 Suction Piping. SG3A Outlet Nozzle to Pipe.
		OM 201.S0033.001						Weld W3 is listed on OM 201.S0033.001 but drawing ISI-OCN3-008 is listed as the iso to show where the weld is located on the 3A2 Suction Piping Loop.
								Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Terminal End								
						Nozzle to Pipe		
O3.B9.11.0008								B09.011.008, B09.011.008,
3SGA-W3	50	ISI-OCN3-008	NDE-600	UT	cs	3.500 / 33.500	Component	Pump 3A2 Suction Piping. SG3A Outlet Nozzle to Pipe.
Circumferential	Class 1	OM 201.S0156.001 OM 201.S0033.001					40350	Weld W3 is listed on OM 201.S0033.001 but drawing ISI-OCN3-008 is listed as the iso to show where the weld is located on the 3A2 Suction Piping Loop.
								Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Terminal End						Nozzle to Pipe		
O3.B9.11.0033						1 -		B09.011.033, B09.011.033/
3-PSL-9	50	ISI-OCN3-015	NDE-35	PT	SS	1.000 / 10.000		Pressurizer Surge Piping. Elbow Pc. 80 to Pipe Pc.
Circumferential	Class 1	O-ISIN4-100A-3.2						85. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
Stress Weld								·
						Elbow to Pipe		
nted 02/20/08 lck8302 v. (	01/19/08					SDQA Cat "C"		Oconee 3 2/20/2008 7:25:20 AM Page 41 of 7

Oconee 3, 4th Inter Dutage 2 (EOC-23)

				Ocone	e 3, 4th Inter	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J								
O3.B9.11.0033						•		B09.011.033, B09.011.033A
3-PSL-9	50	ISI-OCN3-015 O-ISIN4-100A-3.2	PDI-UT-2 ·	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Pressurizer Surge Piping. Elbow Pc. 80 to Pipe Pc. 85. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 1						· .	of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
Stress Weld							•	
						Elbow to Pipe		
O3.B9.11.0035								B09.011.035, B09.011.035A
3HP-241-3	51A	3HP-241 O-ISIN4-101A-3.4	PDI-UT-2	UT	SS	0.531 / 4.000	Component PDI-UT-2-O	3-51A -63 was redrawn. Procedure NDE-600 uses the
Circumferential	Class 1	OM-246-0017						component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
					:			Procedure PDI-UT-2 is to be used to perform the examination during outage 2. The examination for outage 2 is to be performed from the valve side. Jim
					•	. •		McArdle requested this examination to help justify the limited coverage that was achieved during the outage
·	·	٠.						1 examination. The exam performed during outage 2 will not be counted in the percentages. The valve body is forged not cast.
-		*.				Valve 3HP-194 (forged SS) to	o Pipe	
O3.B9.11.0040								B09.011.040, B09.011.040A
3-53A-15-47	53A	3-53A-15 (2)	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for
Circumferential	Class 1	O-ISIN4-102A-3.2 O-ISIN4-102A-3.3		•				calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
				•		Pipe to Elbow		
O3.B9.11.0040						i ipe to Libow		B09.011.040, B09.011.040
03.B9.11.0040 3-53A-15-47	E2 /	3-53A-15 (2)	PDI-UT-2	UT	SS	1.000 / 10.000	Component	Procedure NDE-600 uses the component for
Circumferential	Class 1	O-ISIN4-102A-3.2		O (		1.000 / 10.000	PDI-UT-2-O	calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the
		O-ISIN4-102A-3.3			4			calibration block listed shall be used.
						Pipe to Elbow	•	
O3.B9.11.0041		*		·				B09.011.041, B09.011.041,
3-53A-15-50	53A	3-53A-15 (2)	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for
Circumferential	Class 1	O-ISIN4-102A-3.2 O-ISIN4-102A-3.3		-				calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
		•				Elbow to Pipe		
O3.B9.11.0041								B09.011.041, B09.011.041/
						•		09.011.041, 009.011.041

				Ocone	e 3, 4th Inter	outage 2 (EOC-23)		
Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J								
3-53A-15-50	53A	3-53A-15 (2) O-ISIN4-102A-3.2	PDI-UT-2	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 1	O-ISIN4-102A-3.3						of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe	•	
O3.B9.11.0052			·			Libow to 1 tpe		B09.011.058, B09.011.058A
3-PSP-2	50	ISI-OCN3-016	NDE-35	PT	SS	0.438 / 4.000		Pressurizer Spray Piping.
Circumferential	Class 1	O-ISIN4-100A-3.2	1152 00	, ,		0.400 / 4.00 <u>.</u>		Pipe Pc. 90 to Elbow Pc. 91. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
Stress Weld								
				•		Pipe to Elbow		
O3.B9.11.0052						,		B09.011.058, B09.011.058A
3-PSP-2	50	ISI-OCN3-016 O-ISIN4-100A-3.2	PDI-UT-2	UT	SS	0.438 / 4.000	Component PDI-UT-2-O	
Circumferential	Class 1							uses the component for calibration. Procedure PDI- UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
Stress Weld								
						Pipe to Elbow		
O3.B9.11.0053						1 ipo to Libow		B09.011.059, B09.011.059A
3-PIA1-5	50	ISI-OCN3-007	NDE-25	МТ	CS	2.330 / 33.500		Pump 3A1 Suction Piping. Elbow Pc. 62 to Elbow Pc.
Circumferential	Class 1	O-ISIN4-100A-3.1	NDL 23	1411	00	2.000 / 00.000		57.
				*				Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld								can branch steen netter of all be deed.
						Elbow to Pipe		
O3.B9.11.0053								B09.011.059, B09.011.059A
3-PIA1-5	50	ISI-OCN3-007	NDE-600	UT	CS .	2.330 / 33.500	Component	Pump 3A1 Suction Piping. Elbow Pc. 62 to Elbow Pc.
		O-ISIN4-100A-3.1				2,000 1 00,000	40350	57.
Circumferential	Class 1	. •				•		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld				•				Campidation block listed stidling used.
Cti 030 VV Old								
						Elbow to Pipe		

Oconee 3, 4th Inter Sutage 2 (EOC-23)

				Ocone	e 3, 4m me	Surage 2 (EUC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks (	Comments / Historical Data
Category B-J								
O3.B9.11.0054								B09.011.060, B09.011.060
3-PIA1-3 Circumferential		ISI-OCN3-007 O-ISIN4-100A-3.1	NDE-25	MT	CS	,2.330 / 33.500		Pump 3A1 Suction Piping. Elbow Pc. 45 to Pipe Pc. 63.
								Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld								
						Elbow to Pipe		
O3.B9.11.0054								B09.011.060, B09.011.060
3-PIA1-3	50	ISI-OCN3-007 O-ISIN4-100A-3.1	NDE-600	UT	CS	2.330 / 33.500	Component 40350	Pump 3A1 Suction Piping. Elbow Pc. 45 to Pipe Pc. 63.
Circumferential	Class 1							Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld								
						Elbow to Pipe		
O3.B9.11.0055								B09.011.061, B09.011.061
3RC-283-7V	50	ISI-OCN3-007	NDE-25	MT	CS	3.500 / 33.500		Pump 3A1 Suction Piping. Pipe to Elbow Pc. 45.
Circumferential	Class 1	3RC-283 O-ISIN4-100A-3.1						Weld 7V is listed on weld iso 3RC-283 but drawing ISI OCN3-007 is listed as the iso to show where the weld is located on the 3A1 Suction Piping Loop. Procedure NDE-600 uses the component for
						•		calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld		•						
		₹				Pipe to Elbow		·
O3.B9.11.0055					-	·		B09.011.061, B09.011.061
3RC-283-7V	50	ISI-OCN3-007 3RC-283	NDE-600	UT	CS	3.500 / 33.500	Component 40350	Pump 3A1 Suction Piping. Pipe to Elbow Pc. 45. Weld 7V is listed on weld iso 3RC-283 but drawing ISI
Circumferential	Class 1							OCN3-007 is listed as the iso to show where the weld
		O-ISIN4-100A-3.1				·		is located on the 3A1 Suction Piping Loop. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu
Stress Weld								of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
						Pipe to Elbow		
						i ipe to Libow		

# Oconee 3, 4th Inter outage 2 (EOC-23)

			•	Ocone	ee 3, 4th Inter	outage 2 (EOC-23)		`
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J		**						
O3.B9.11.0058		• - 11						B09.011.064, B09.011.064
3-PIA2-3		ISI-OCN3-008	NDE-25	MT	CS	2.330 / 33.500		Pump 3A2 Suction Piping. Elbow Pc. 45 to Elbow Pc.
Circumferential	Class 1	O-ISIN4-100A-3.1	. /			·		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld								
						Elbow to Pipe		
O3.B9.11.0058				.,		, ,		B09.011.064, B09.011.064
3-PIA2-3	50	ISI-OCN3-008 O-ISIN4-100A-3.1	NDE-600	UT	CS	2.330 / 33.500	Component 40350	Pump 3A2 Suction Piping. Elbow Pc. 45 to Elbow Pc. 63.
Circumferential	Class 1			•				Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld							•	
						Elbow to Pipe		
O3.B9.11.0059				· · ·				B09.011.065, B09.011.065
3RC-283-8V Circumferential		ISI-OCN3-008 3RC-283 O-ISIN4-100A-3.1	NDE-25	MT	CS	3.500 / 33.500		Pump 3A2 Suction Piping. Pipe to Elbow Pc. 45. Weld 8V is listed on weld iso 3RC-283 but drawing IS OCN3-008 is listed as the iso to show where the weld is located on the 3A2 Suction Piping Loop. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu
								of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld								
		. Learness Arminest				Pipe to Elbow		
O3.B9.11.0059								B09.011.065, B09.011.065,
3RC-283-8V		ISI-OCN3-008 3RC-283	NDE-600	UT	CS	3.500 / 33.500	Component 40350	Pump 3A2 Suction Piping. Pipe to Elbow Pc. 45. Weld 8V is listed on weld iso 3RC-283 but drawing IS
Circumferential	Class 1	O-ISIN4-100A-3.1						OCN3-008 is listed as the iso to show where the weld is located on the 3A2 Suction Piping Loop. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Stress Weld								
		•				Pipe to Elbow		

Oconee 3, 4th Interval outage 2 (EOC-23)

					e 3, 4tii iiitert	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category B-J					,	,	
O3.B9.21.0006							B09.021.006
3RC-259-5 Circumferential		3RC-259 O-ISIN4-100A-3.2	NDE-35	PT	SS	0.281 / 1.500	This weld was listed previously as 3-50-38-26 on iso 3-50-38 until it was deleted and welded back as 3RC-259-5 on iso 3RC259.
Stress Weld							
				······································		Tee to Pipe	
O3.B9.21.0036		4					B09.021.036
3HP-252-4A		3HP-252	NDE-35	PT	SS	0.375 / 2.500	This weld was listed previously as 3-51A-62-4A on iso
Circumferential	Class 1	O-ISIN4-101A-3.4					3-51A-62 until it was transferred to iso 3HP-252.
						Pipe to Flange	
O3.B9.21.0037							B09.021.037
3HP-252-5	51A	3HP-252	NDE-35	PT	SS	0.375 / 2.500	This weld was listed previously as 3-51A-62-5 on iso 3-
Circumferential	Class 1	O-ISIN4-101A-3.4					51A-62 until it was transferred to iso 3HP-252.
						Pipe to Elbow	
O3,B9.21.0039						***	B09.021.039
.3HP-241-15	51A	3HP-241	NDE-35	PT	SS	0.375 / 2.500	This weld was listed previously as 3-51A-63-15 until
Circumferential	Class 1	O-ISIN4-101A-3.4					iso 3-51A -63 was redrawn.
						Elbow to Pipe	
O3.B9.21.0041						<u> </u>	B09.021.041
3HP-241-27 Circumferential	. 51A Class 1	3HP-241 O-ISIN4-101A-3.4	NDE-35	PT	. SS	0.375 / 2.500	This weld was listed previously as 3-51A-63-27 until iso 3-51A -63 was redrawn.
						Elbow to Pipe	
O3.B9.21.0042						LIDOW to 1 ipo	B09.021.042
3HP-241-28	51A	3HP-241	NDE-35	PT	SS	0.375 / 2.500	This weld was listed previously as 3-51A-63-28 until
Circumferential		O-ISIN4-101A-3.4		1 1	33	0.0737 2.300	iso 3-51A -63 was redrawn.
						Pipe to Elbow	
O3.B9.21.0044						1	B09.021.04
3RC-211-47	51 <b>A</b>	3RC-211	NDE-35	PT	SS	0.375 / 2.500	200.021.04
Circumferential		O-ISIN4-101A-3.4				5. <b>5.</b> 5. 2.555	•
Stress Weld				,			
				٠		Valve 3HP-487 to Valve 3HP-1	27
nted 02/20/08 lck8302 v.	01/10/00					SDQA Cat "C"	Oconee 3 2/20/2008 7:25:20 AM Page 46 of 77

Oconee 3, 4th Intervaluage 2 (FOC-23)

				Ocone	ee 3, 4th Inter	outage 2 (EOC-23)	'	•	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data	
Category B-J									
O3.B9.21.0055									B09.021.055
3RC-210-32	51A	3RC-210	NDE-35	PT	SS	0.375 / 2.500			
Circumferential	Class 1	O-ISIN4-101A-3.4		•					
Stress Weld									
						Valve 3HP-126 to Valve 3HP	-486		
O3.B9.21.0057									B09.021.057
3RC-213-27	51A	3RC-213	NDE-35	PΤ	SS	0.375 / 2.500			
Circumferential	Class 1	O-ISIN4-100A-3.1						•	
Stress Weld									
						Pipe to Valve 3HP-152			
O3.B9.21.0058									B09.021.058
3RC-213-28	51A	3RC-213	NDE-35	PΤ	SS	0.375 / 2.500			
Circumferential	Class 1	O-ISIN4-100A-3.1							
Stress Weld									
					*	Valve 3HP-152 to Valve 3HP	-489		
O3.B9.31.0001	_							B09.031.001,	309.031.001A
3-PHB-16	50	ISI-OCN3-006	NDE-25	MΤ	CS	2.875 / 23.000		Steam Generator 3B Hot Leg to Reactor	Vessel. Pipe
Branch	Class 1	O-ISIN4-100A-3.1			·			Pc. 23 to Surge Nozzle Pc. 25. NPS of the Surge Nozzle = 10.75" Diameter and 1.00 Thickness. The NPS of the branch line is Procedure NDE-600 uses the component calibration. Procedure PDI-UT-1 may be of procedure NDE-600. If PDI-UT-1 is used calibration block listed shall be used.	o" 10". for used in lieu
Stress Weld									
						Pipe to Nozzle			
O3.B9.31.0001								B09.031.001,	309.031.001A
3-PHB-16	50	ISI-OCN3-006 O-ISIN4-100A-3.1	PDI-UT-1	UT	CS	2.875 / 23.000	Component 40350	Steam Generator 3B Hot Leg to Reactor Pc. 23 to Surge Nozzle Pc. 25. NPS of the	Vessel. Pipe ne PZR
Branch	Class 1	2 .5					.333	Surge Nozzle = 10.75" Diameter and 1.00 Thickness. The NPS of the branch line is Procedure NDE-600 uses the component calibration. Procedure PDI-UT-1 may be of procedure NDE-600. If PDI-UT-1 is use	o" 10". for used in lieu
Stress Weld								calibration block listed shall be used.	•
011000 <b>11</b> 010						Pipe to Nozzle		•.	

Oconee 3, 4th Intervious putage 2 (EOC-23)

					e 3, 4th Inter	outage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
<u>Category</u> <u>B-J</u>		•					
O3.B9.32.0004			₹				B09.032.00
3-PDA1-10	50	ISI-OCN3-011	NDE-25	MT	CS	2.250 / 12.000	Pump 3A1 Discharge Piping. Pipe Pc. 44 to HPI
Branch	Class 1	O-ISIN4-100A-3.1					Nozzle Pc. 46. The NPS of the branch line is 2.5 inches.
Stress Weld							
		•				Pipe to Nozzle	
O3.B9.32.0009						•	B09.032.009
3LP-135-1		3LP-135	NDE-35	PT	SS	0.438 / 3.000	Inspect pipe to pipe Branch weld (If Accessable)and
Branch	Class 1	O-ISIN4-102A-3.1					the reinforcing collar welds. This weld was listed previously as 3-53A-37-1 until iso 3-51A-37 was redrawn.
			ž.			Pipe to Pipe	
O3.B9.40.0007			<u> </u>			· · · · · · · · · · · · · · · · · · ·	B09.040.007
3HP-504-29	51A	3HP-504	NDE-35	PT	SS	0.344 / 2.000	This weld was listed previously as 3-51A-142-29 on
Socket	Class 1	O-ISIN4-101A-3.1					iso 3-51A-142 until it was transferred to iso 3HP-504.
						0:	•
Category B-K		`				Pipe to Valve 3HP-2	
O3.B10.10.0006	•					41994	B10.010.000
3-LDC-A-SUPPORT	51A Class 1	0M 201-3107 O-ISIN4-101A-3.1	NDE-25	MT	CS	1.000 / 0.000	Letdown Cooler 3A Support Pc.12 to Casing Shell Pc.8.
	Oldoo I	OM 201-3235					MT or PT or a combination of both methods may be performed to achieve 100% coverage and meet the surface exam requirements for this weld.
				***********			
O3.B10.20.0002							B10.020.01
3-51A-0-2478A-H3C Rigid Restraint		3-51-14/sht.1 O-ISIN4-101A-3.1	NDE-35	PT	NA	0.250 / 2.500	Calculation No. OSC-1660-01. Inspect with F01.011.013.
O3.B10.20.0007					•		B10.020.022
3-53A-0-2479A-H23C Rigid Support	53A Class 1	3-53-09/sht.2 O-ISIN4-100A-3.2	NDE-35	PT	NA	0.250 / 1.500	Calculation No. OSC-1343-06 Vol.A. Inspect with F01.010.022.
0-4		O-3RB-35309-02					
Category B-M-2			•				
O3.B12.50.0003							B12.050.000
3-53A-CF-13		OM-245-001 O-ISIN4-102A-3.3	NDE-64	VT-3	SS ·	0.000 / 14.000	B-Side Core Flood Valve Body 3CF-13 Internal Surfaces. W Axis. Inspect one of the following valves: 3CF-11, 3CF-12, 3CF-13, or 3CF-14 only if
					-	•	valve is disassembled for maintenance, repair, or volumetric examination.
inted 02/20/08 lck8302 v.	01/19/08					SDQA Cat "C"	Oconee 3 2/20/2008 7:25:20 AM Page 48 of 7

				Ocone	e 3, 4th Inter	butage 2 (EOC-23)			
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat <sub>.</sub>	Sched Thick/Dia	Cal Blocks	Comments / Historical Data	٠
Category B-N-1	•			,					
O3.B13.10.0001								B13.01	0.001
3-RPV-INT-SUR	50 Class 1	ISI-OCN3-001	NDE-63	VT-3.	SS ,	0.000 / 0.000		Reactor Vessel Interior. Areas to be examined sha include the spaces above and below the Reactor of that are made accessible for examination by remo- of components during normal refueling outages. A procedure supplied by the Reactor Vessel Examination Vendor may be sued for this examina- during the 3rd period.	Core oval A
Category C-A									
O3.C1.10.0003						. —		C01.01	0.003
3-LDFTRA-SH-FL Circumferential	51B Class 2	OM 201-0129 O-ISIN4-101A-3.2 OM 201-0128	NDE-35	PT	SS	0.109 / 18.000		Letdown Filter 3A.	
						Shell to Flange			
O3.C1.20.0003						· · · · · · · · · · · · · · · · · · ·		C01.02	0.001
3-LDFTRA-HD-SH-1	51B Class 2	OM 201-0129 O-ISIN4-101A-3.2 · OM 201-0128	NDE-35	PT	CS	0.187 / 0.000	)	Letdown Filter 3A.	
						Upper Head to Shell			
O3.C1.20.0004						opport road to orion		C01.02	0.002
3-LDFTRA-HD-SH-2		OM 201-0129 O-ISIN4-101A-3.2 OM 201-0128	NDE-35	PT	SS	0.109 / 18.000		Letdown Filter 3A.	0.002
•		OW 201 0120				·			
						Lower Head to Shell			
O3.C1.20.0005 3-LST-HD-SH-1		OM 2201-14	NDE-3630	UT	SS .	. 0.275 / 00.000	50469	C01.02	0.003
Circumferential		O-ISIN4-101A-3.2 OM 201-64	NDE-3030		33	0.375 / 96.000	50469	Letdown Storage Tank Upper Head to Shell.	
		OW 201-04						•	
	•	, , , , , , , , , , , , , , , , , , ,				Head to Shell			
O3.C1:20.0006 . 3-LST-HD-SH-2	51A	OM 2201-14	NDE-3630	UT	SS	0.375 / 96.000	50469	C01.02	U.UU4
Circumferential	•	O-ISIN4-101A-3.2 OM 201-64	NDE-3030			0.3737 90.000	50409	Letdown Storage Tank Lower Head to Shell.	
,						Head to Shell			

Oconee 3, 4th Intervenue 2 (EOC-23)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-B								
O3.C2.21.0001	<del></del>	<u></u>						C02.021.001, C02.021.001A
3-SGA-W127	50	OM-201.S0001	NDE-25	MT	CS	5.125 / 24.000		Steam Generator 3A Main Steam Nozzle to Shell. X-
Circumferential	Class 2	OM-201.S0026						1/Y-1 Quadrant.
		OM-201.S0157						
•						Nozzle to Shell		
O3.C2.21.0001								C02.021.001, C02.021.001A
3-SGA-W127	50	OM-201.S0001	NDE-820	UT	CS	5.125 / 24.000	20T-240	Steam Generator 3A Main Steam Nozzle to Shell. X-
Circumferential	Class 2	OM-201.S0026						1/Y-1 Quadrant.
	, `	OM-201.S0157			•			
•						Nozzle to Shell		
O3.C2.21.0001								C02.021.001, C02.021.001A
3-SGA-W127	50	OM-201.S0001	NDE-640	UT	CS	5.125 / 24.000	20T-240	Steam Generator 3A Main Steam Nozzle to Shell. X-
Circumferential	Class 2	OM-201.S0026						1/Y-1 Quadrant.
•		OM-201.S0157						
						Nozzle to Shell		
O3.C2.21.0002								C02.021.002, C02.021.002A
3-SGA-W128	50	OM-201.S0001	NDE-25	MT	CS	5.125 / 24.000		Steam Generator 3A Main Steam Nozzle to Shell. X-
Circumferential	Class 2	OM-201.S0026			•			2/Y-1 Quadrant.
		OM-201.S0157						
						Nozzle to Shell		
O3.C2.21.0002	· · ·							C02.021.002, C02.021.002A
3-SGA-W128	50	OM-201.S0001	NDE-820	UT	CS	5.125 / 24.000	.20T-240	Steam Generator 3A Main Steam Nozzle to Shell. X-
Circumferential	Class 2	OM-201.S0026						2/Y-1 Quadrant.
		OM-201.S0157						
						Nozzle to Shell		
					· · ·			C02.021.002, C02.021.002A
O3.C2.21.0002			NDE-640	UT	CS	5.125 / 24.000	20T-240	Steam Generator 3A Main Steam Nozzle to Shell. X-
O3.C2.21.0002 3-SGA-W128	50	OM-201.S0001	NDL-040	0.				
3-SGA-W128		OM-201.S0026	NDL-040	0,				2/Y-1 Quadrant.
			NDL-040					2/Y-1 Quadrant.

Oconee 3, 4th Intervenue outage 2 (EOC-23)

Summary Num				Insp	e 3, 4th inter	butage 2 (EOC-23)	
Component ID / Type	System	ISO/DWG Numbers	Procedure		Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category C-C							
O3.C3.10.0001							C03.010.00
3-RCSR-COOLER-A	51A Class 2	OM 1201-3217 O-ISIN4-101A-3.1	NDE-35	PT	NA	0.000 / 0.000	Reactor Coolant Seal Return Cooler 3A.  The exam performed during outage 2 (EOC-23) is for additional sample per IWC-2430 and does not count in the percentages for outage 2. The exam to be performed in outage 3 (EOC-24) is a normal code exam and does count in the percentages for outage 3.
						Support Attachment to Shell	
O3.C3.10.0003	*****						C03.010.00
3-LD-FTR-A	51A Class 2	OM 201-0128 O-ISIN4-101A-3.2	NDE-35	PT	SS	0.250 / 0.000	Letdown Filter 3A Support Leg Attachments (3 Support Legs). Inspect the attachment welds of only one of the support legs. This item was rescheduled as a result of PIP O-06-0429.
O3.C3.10.0005				#- 1/1 <u></u>		<del></del>	C03.010.002
3-LS-TANK	51A Class 2	OM 2201-14 O-ISIN4-101A-3.2 OM 201-64	NDE-35	PΤ	SS	0.500 / 0.000	Letdown Storage Tank Support. (4 Support Legs) The legs are 8 inch standard pipe (.322 wall thickness) which are welded to the 1/2 inch plate that is welded to the storage tank
		٠				Plate to Shell	
O3.C3.20.0001				***************************************			C03.020.00
3-01A-0-2480A-H1A Spring Hgr	01A Class 2	3-01-08/sht.1 O-ISIN4-122A-3.1 O-2490A-3(S)	NDE-35	PΤ	NA	1.500 / 26.000	Calculation No. OSC-507. Inspect with F01.022.009. Either a PT examination or a MT examination may be performed to meet the surface exam requirements for this attachment.
O3.C3.20.0007							C03.020.01
3-03-0-2481A-H16A Rigid Restraint	03 Class 2	3-03-07/sht.1 O-ISIN4-121B-3.3 O-2490B-3(S)	NDE-35	PT	NA	1.000 / 24.000	Calculation No. 0SC-1335. Inspect with F01.021.011.
O3.C3.20.0019							C03.020.05
3-53B-2-0-2435B-SR26 Rigid Restraint	53B Class 2	3-53-01/sht.1 O-ISIN4-102A-3.1 O-3AB-35301-01	NDE-35	PT	NA	0.187 / 14.000	Calculation No. OSC-549. Inspect with F01.021.065.
O3.C3.20.0023					- www.n		C03.020.05
3-53B-5-0-2444-H94 Rigid Support	53B Class 2	3-53-04/sht.2 O-ISIN4-102A-3.2	NDE-35	PT	NA	0.750 / 10.000	Calculation No. 0SC-551. Inspect with F01.020.072.

Oconee 3, 4th Inter Sutage 2 (EOC-23)

		•			ee o, 4m milei u	Julage 2 (EUC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category C-C							•
O3.C3.20.0028	***************************************	<del>#</del>				, , , , , , , , , , , , , , , , , , , ,	C03.020.064
3-54A-3-0-2439C-H5 Rigid Support		3-54-03/sht,2 O-ISIN4-103A-3.1	NDE-35	PT	NA	1.000 / 8.000	Calculation No. OSC-556. Inspect with F01.020.089.
O3.C3.30.0001							C03.030.001
3-HPI-PU-A	51A Class 2	OM-1201-1121 O-ISIN4-101A-3.3 OM 201-1704	NDE-35	PT	SS	2.000 / 0.000	High Pressure Injection Pump 3A. Reference manual OM 1201-1121 or OM 2201-597.  Note: The top side attachment weld is accessible but the bottom fillet weld is buried in concrete per Gary Moss and TJ Coleman.  Per IWC-1223 of the 98 code the bottm side fillet weld is exempt. The top side fillet weld is the only weld that will be required to be examined.
						Support Lugs to Casing	
O3.C3.30.0002							C03.030.
3-HPI-PU-B	51A Class 2	OM-1201-1121 O-ISIN4-101A-3.3 OM 201-1704	NDE-35	PT		2.000 / 0.000	High Pressure Injection Pump 3B. Reference manual OM 1201-1121 or OM 2201-597.  The exam on the HPI Pump B attachments performed during EOC-23 (outage 2) is for additional sample per IWC-2430 of the 1998 Section XI code thru the 2000 Addenda. This exam does not count in the percentages. The additional sample is required because reportable indications were found while inspecting the attachments on A HPI pump during EOC-23.  Note: The top side attachment weld is accessible but the bottom fillet weld is buried in concrete per Gary Moss and TJ Coleman.  Per IWC-1223 of the 98 code the bottm side fillet weld is exempt. The top side fillet weld is the only weld that will be required to be examined.
						Support Lugs to Casing	

Oconee 3, 4th Intervenue outage 2 (EOC-23)

				Ocon	iee 3, 4th Inter	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks C	omments / Historical Data
Category C-F-1								
O3.C5.11.0010								C05.011.010, C05.011.010A
3LP-132-18 Circumferential		3LP-132 O-ISIN4-102A-3.2	NDE-35	PT	SS	. 1.125 / 10.000	• •	This weld was listed previously as 3-53A-24-8 until iso 3-53A-24 was redrawn.  This weld was previously listed as 3LP-132-8; but due to isometric revision this weld was deleted. Weld is now 3LP-132-18.  Support 3-53B-5-0-2439B-H57 will have to be removed to allow access for inspection.  Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3.C5.11.0010								C05.011.010, C05.011.010
3LP-132-18 Circumferential	53A Class 2	3LP-132 O-ISIN4-102A-3.2	NDE-600	UT	SS	1.125 / 10.000	PDI-UT-2-O	This weld was listed previously as 3-53A-24-8 until iso 3-53A-24 was redrawn. This weld was previously listed as 3LP-132-8; but due to isometric revision this weld was deleted. Weld is now 3LP-132-18. Support 3-53B-5-0-2439B-H57 will have to be removed to allow access for inspection. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3.C5.11.0012					<u> </u>			C05.011.012, C05.011.012/
3LP-132-19 Circumferential		3LP-132 O-ISIN4-102A-3.2	NDE-35	PT	SS	1.125 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Pipe to Elbow		
O3.C5.11.0012	<del></del>						· ·	C05.011.012, C05.011.012
3LP-132-19 Circumferential	53A Class 2	3LP-132 O-ISIN4-102A-3.2	NDE-600	UT	· SS	1.125 / 10.000	PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
				•		Pipe to Elbow		
O3.C5.11.0015		· · · · · · · · · · · · · · · · · · ·			•	·		C05.011.015, C05.011.015
3LP-132-23 Circumferential		3LP-132 O-iSIN4-102A-3.2 OM 245-2213	NDE-35	PT	SS	1.125 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Reducer to Valve 3LP-17 (ca	ıst ss)	·
						2001.0 1 101	/	O 0 0/00/0000 7 05 00 MM

Oconee 3, 4th Inter Soutage 2 (EOC-23)

				. Ocone	ee 3, 4th Inter	butage 2	? (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sche	ed Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1		•							
O3.C5.11.0015									C05.011.015, C05.011.015A
3LP-132-23	53A	3LP-132 O-ISIN4-102A-3.2	NDE-600	UΤ	SS		1.125 / 10.000	Component PDI-UT-2-0	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2	OM 245-2213					•		of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
				(		Reducer to	o Valve 3LP-17 (ca	ast ss)	
O3.C5.11.0018									C05.011.018, C05.011.018A
3LP-134-101 Circumferential		.3LP-134 O-ISIN4-102A-3.2 O-ISIN4-102A-3.3	NDE-35	PT	SS		1.125 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to F	Pipe		
O3.C5.11.0018									C05.011.018, C05.011.018
3LP-134-101		3LP-134 O-ISIN4-102A-3.2	NDE-600	UT	SS		1.125 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the
Circumferential ·	Class 2	O-ISIN4-102A-3.3							calibration block listed shall be used.
. · · · · · · · · · · · · · · · · · · ·						Elbow to F	Pipe		
O3.C5.11.0021								*	C05.011.021, C05.011.021
3LP-234-10	53A	3LP-234	NDE-35	PT	SS	_	1.000 / 10.000	-	Procedure NDE-600 uses the component for
Circumferential	Class 2	O-ISIN4-102A-3.2							calibration. Procedure PDI-UT-2 may be used in lieu
		O-ISIN4-102A-3.3	•						of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
		•						•	This weld was listed previously as 3-53A-17-10 on iso 3-53A-17 until it was transferred to iso 3LP-234.
						Elbow to F	Pipe .		
O3.C5.11.0021					1			•	C05.011.021, C05.011.021
3LP-234-10  Circumferential	53A Class 2	3LP-234 O-ISIN4-102A-3.2	PDI-UT-2	UT	SS		1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the
ooa.moroniar		O-ISIN4-102A-3.3				. •			calibration block listed shall be used. This weld was listed previously as 3-53A-17-10 on iso 3-53A-17 until it was transferred to iso 3LP-234.
			g.er			Elbow to F	Pipe		

Oconee 3, 4th Intersolutage 2 (EOC-23)

					Ocone	ee 3, 4th Inter	outage 2 (EOC-23)		
Summary Nu Component ID /		System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F	<u>-1</u>								
O3.C5.11.0022					-				C05.011.022, C05.011.022
3LP-234-11 Circumferential	(	Class 2	3LP-234 O-ISIN4-102A-3.2 O-ISIN4-102A-3.3	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. This weld was listed previously as 3-53A-17-11 on iso 3-53A-17 until it was transferred to iso 3LP-234.
							Pipe to Elbow		
O3.C5.11.0022									C05.011.022, C05.011.022A
3LP-234-11			3LP-234 O-ISIN4-102A-3.2	PDI-UT-2	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	(	Class 2	0.10,117,102,10.2					10,0120	of procedure NDE-600. If PDI-UT-2 is used, then the
			O-ISIN4-102A-3.3						calibration block listed shall be used. This weld was listed previously as 3-53A-17-11 on iso 3-53A-17 until it was transferred to iso 3LP-234.
			•				Pipe to Elbow		•
O3.C5.11.0023									C05.011.023, C05.011.023A
3LP-234-12 Circumferential		Class 2	3LP-234 O-ISIN4-102A-3.2 O-ISIN4-102A-3.3	NDE-35	PΤ	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.  This weld was listed previously as 3-53A-17-12 on iso 3-53A-17 until it was transferred to iso 3LP-234.
							Elbow to Pipe		
O3.C5.11.0023		•							C05.011.023, C05.011.023
3LP-234-12			3LP-234 O-ISIN4-102A-3.2	PDI-UT-2	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	
Circumferential	(	Class 2	O-ISIN4-102A-3.3						of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. This weld was listed previously as 3-53A-17-12 on iso 3-53A-17 until it was transferred to iso 3LP-234.
							Elbow to Pipe		
O3.C5.11.0031									C05.011.031, C05.011.031A
3-53A-17-9		53A	3-53A-17	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for
Circumferential	(	Class 2	O-ISIN4-102A-3.3			•	·		calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
					-		Pipe to Elbow		
O3.C5.11.0031									C05.011.031, C05.011.031/
3-53A-17-9		53A	3-53A-17	PDI-UT-2	UT	SS	1.000 / 10.000	Component	Procedure NDE-600 uses the component for
Circumferential	(	Class 2	O-ISIN4-102A-3.3					PDI-UT-2-O	calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.

Oconee 3, 4th Intervenue 2 (EOC-23)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1								
O3.C5.11.0032								C05.011.032, C05.011.032A
3LP-221-27 Circumferential		3LP-221 O-ISIN4-102A-3.3 OM 245-2315	NDE-35	79	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Valve 3LP-177 (forged ss) to	Pipe	
O3.C5.11.0032								C05.011.032, C05.011.032A
3LP-221-27 Circumferential	53A Class 2	3LP-221 O-ISIN4-102A-3.3 OM 245-2315	NDE-600	UT	. SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
•					*	Valve 3LP-177 (forged ss) to	Pipe	
O3.C5.11.0033			, "					C05.011.033, C05.011.033A
3LP-221-18 Circumferential		3LP-221 O-ISIN4-102A-3.3	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
\	-			*		Pipe to Pipe Flow Restrictor	•	
O3.C5.11.0033								C05.011.033, C05.011.033A
3LP-221-18 Circumferential	53A Class 2	3LP-221 O-ISIN4-102A-3.3	NDE-600	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
		:				Pipe to Pipe Flow Restrictor		
O3.C5.11.0034								C05.011.034, C05.011.034A
3LP-221-17 Circumferential		3LP-221 O-ISIN4-102A-3.3	NDE-35	PT .	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Pipe to Pipe Flow Restrictor		
O3.C5.11.0034						*		· C05.011.034, C05.011.034A
3LP-221-17 Circumferential	53A Class 2	3LP-221 O-ISIN4-102A-3.3	NDE-600	UT .	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
			. •			Pipe to Pipe Flow Restrictor		

Oconee 3, 4th Intervolutage 2 (EOC-23)

				Oconee	e 3, 4th Intei	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1				-				
O3.C5.11.0049								C05.011.049, C05.011.049A
3LP-222-15 Circumferential		3LP-222 O-ISIN4-102A-3.3 OM-245-2345-001	NDE-35	РТ	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Pipe to Valve 3LP-179 (forge	ed ss)	
O3.C5.11.0049								C05.011.049, C05.011.049A
3LP-222-15 Circumferential	53A Class 2	3LP-222 O-ISIN4-102A-3.3 OM-245-2345-001	PDI-UT-2	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
			`			Pipe to Valve 3LP-179 (forgo	ed ss)	
O3.C5.11.0050			-					C05.011.050, C05.011.050A
3LP-222-16 Circumferential	53A Class 2	3LP-222 O-ISIN4-102A-3.3 OM 245-2345-001	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Valve 3LP-179 (forged ss) to	o Pipe	
O3.C5.11.0050								C05.011.050, C05.011.050A
3LP-222-16 Circumferential	53A Class 2	3LP-222 O-ISIN4-102A-3.3 OM 245-2345-001	PDI-UT-2	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
			•			Valve 3LP-179 (forged ss) to	o Pipe	
O3.C5.11.0055								C05.011.055, C05.011.055A
3LP-222-24 Circumferential		3LP-222 O-ISIN4-102A-3.3	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Pipe to Elbow		
O3.C5.11.0055 -				<del></del>				C05.011.055, C05.011.055A
3LP-222-24 Circumferential	· 53A Class 2	3LP-222 O-ISIN4-102A-3.3	PDI-UT-2	UT	SS	. 1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						D:		

Pipe to Elbow

Oconee 3, 4th Interventing 2 (EOC-23)

				Ocone	e 3, 4th inte	V Sutage 2 (EUC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1						,		•
O3.C5.11.0056								C05.011.056, C05.011.056A
3LP-222-25 Circumferential		3LP-222 O-ISIN4-102A-3.3	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3.C5.11.0056								C05.011.056, C05.011.056A
3LP-222-25 Circumferential	53A Class 2	3LP-222 O-ISIN4-102A-3.3	PDI-UT-2	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3.C5.11.0057								C05.011.057, C05.011.057A
3LP-222-26 Circumferential		3LP-222 O-ISIN4-102A-3.3	NDE-35	PT	SS	1.000 / 10.000	·	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
,						Pipe to Elbow		
O3.C5.11.0057								C05.011.057, C05.011.057A
3LP-222-26 Circumferential	53A Class 2	3LP-222 O-ISIN4-102A-3.3	PDI-UT-2	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
								calibration block listed shall be used.
						Pipe to Elbow		
O3.C5.11.0058								C05.011.058, C05.011.058A
3LP-222-27 Circumferential		3LP-222 O-ISIN4-102A-3.3	NDE-35	PT	SS	1.000 / 10.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3.C5.11.0058	:							C05.011.058, C05.011.058A
3LP-222-27 Circumferential	53A Class 2	3LP-222 O-ISIN4-102A-3.3	PDI-UT-2	UT	SS	1.000 / 10.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		

Oconee 3, 4th Interventage 2 (FOC-23)

				Ucone	ee 3, 4th inter	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1								
O3.C5.11.0069								C05.011.069, C05.011.069A
3LPS-736-1	14B	3LPS-736	NDE-35	PT	SS	0.432 / 6.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	· O-ISIN4-124B-3.2						calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Pipe to Elbow		
O3.C5.11.0069								C05.011.069, C05.011.069A
3LPS-736-1	14B	3LPS-736 O-ISIN4-124B-3.2	NDE-600	UT	SS	0.432 / 6.000	Component PDI-UT-2-O	calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2							of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Pipe to Elbow		
O3.C5.11.0070								C05.011.070, C05.011.070A
3LPS-736-2	14B	3LPS-736	NDE-35	PT	SS	0.432 / 6.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	O-ISIN4-124B-3.2						calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Elbow		
O3.C5.11.0070								C05.011.070, C05.011.070A
3LPS-736-2	14B	3LPS-736 O-ISIN4-124B-3.2	NDE-600	UT	SS	0.432 / 6.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class-2							of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Elbow		•
O3.C5.21.0015								C05.021.030, C05.021.030A
3-51A-50-36	51A	3-51A-50	NDE-35	PT	SS	0.237 / 4.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	O-ISIN4-101A-3.3						calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Pipe to Elbow		
O3.C5.21.0015								C05.021.030, C05.021.030A
3-51A-50-36	51A	3-51A-50 O-ISIN4-101A-3.3	NDE-600	UT	SS	0.237 / 4.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2							of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.

Pipe to Elbow

Oconee 3, 4th Inter Suitage 2 (FOC-23)

				Ocone	e 3, 4th Intei	utage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
C-F-1						•		
O3.C5.21.0018					•		,	Ç05.021.033, C05.021.033A
3-51A-52-2A Circumferential		3-51'A-52 O-ISIN4-101A-3.3	NDE-35	PT	SS	0.438 / 3.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3.C5.21.0018			***					C05.021.033, C05.021.033A
3-51A-52-2A	51A	3-51A-52 O-ISIN4-101A-3.3	NDE-600	UT	SS	0.438 / 3.000	Component PDI-UT-2-O	calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	· Class 2				٠			of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
•						Elbow to Pipe		
O3.C5.21.0019							-	C05.021.034, C05.021.034A
3-51A-52-29 Circumferential		3-51A-52 O-ISIN4-101A-3.3 OM-246-0014	NDE-35	PT	SS	0.531 / 4.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Pipe to Valve 3HP-148 (forge	ed ss)	
O3.C5.21.0019								C05.021.034, C05.021.034A
3-51A-52-29		3-51A-52 O-ISIN4-101A-3.3	NDE-600	UT	SS	0.531 / 4.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the
Circumferential	Class 2	OM-246-0014				•		calibration block listed shall be used.
						Pipe to Valve 3HP-148 (forge	ed ss)	
O3.C5.21.0032		· · · ·						C05.021.048, C05.021.048A
3-51A-59-87 Circumferential		3-51A-59 O-ISIN4-101A-3.4	NDE-35	PT	SS	0.674 / 4.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
				٠		Tee to Elbow		
O3.C5.21.0032								C05.021.048, C05.021.048A
3-51A-59-87	51A	3-51A-59 O-ISIN4-101A-3.4	NDE-600 ·	UT	SS	0.674 / 4.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2							of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.

Tee to Elbow

Oconee 3, 4th Intervention outage 2 (EOC-23)

Summary Num				Oconee . Insp	3, 4th Inter	butage 2 (EOC-23)		
Component ID / Type	System	ISO/DWG Numbers	Procedure		Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
ategory C-F-1								
O3.C5.21.0051								C05.021.072, C05.021.072A
3-51A-101-3 Circumferential		3-51A-101 O-ISIN4-101A-3.3	NDE-35	PT	SS	0.375 / 2.500		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
								•
			-			Pipe to Elbow		
O3.C5.21.0051			-			•		C05.021.072, C05.021.072
3-51A-101-3 Circumferential	51A Class 2	3-51A-101 O-ISIN4-101A-3.3	NDE-600	UT	SS	0.375 / 2.500	Component PDI-UT-2-O	
· ·	01833 2							calibration block listed shall be used.
£.						Pipe to Elbow		
O3.C5.21.0058							·	C05.021.082, C05.021.082
3HP-501-23	51A	3HP-501	NDE-35	PT	SS	0.344 / 2.000		Procedure NDE-600 uses the component for
Circumferential		O-ISIN4-101A-3.1	WDE 00	' ' <i>,</i>		0.0447 2.000		calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. This weld was listed previously as 3-51A-141-23 on
•								iso 3-51A-141 until it was transferred to iso 3HP-501.
		•				Pipe to Reducer		
O3.C5.21.0058						-	•	C05.021.082, C05.021.082
3HP-501-23	51A Class 2	3HP-501 O-ISIN4-101A-3.1	PDI-UT-2	UT .	SS	0.344 / 2.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the
Circumferential		•		•				calibration block listed shall be used. This weld was listed previously as 3-51A-141-23 on iso 3-51A-141 until it was transferred to iso 3HP-501.
								•
						Pipe to Reducer		
D3.C5.21.0064						i ipe to i leducel	· · · · · · · · · · · · · · · · · · ·	C05.021.092, C05.021.092
J3.C5.21.0064 3-51A-67-2	51Δ	3-51A-67	NDE-35	PT	SS	0.375 / 2.500		Procedure NDE-600 uses the component for
Circumferential		O-ISIN4-101A-3.1	, , , , , , , , , , , , , , , , , , ,	t I	55			calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
								:
					á.	Elbow to Pipe		
D3.C5.21.0064								C05.021.092, C05.021.092
nted 02/20/08 lck8302 v.	01/19/08	•				SDQA Cat "C"		Oconee 3 2/20/2008 7:25:20 AM Page 61 of 7

			•		e 3, 4th Inter	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1								
3-51A-67-2	51A	3-51A-67 O-ISIN4-101A-3.1	PDI-UT-2	UT .	SS	0.375 / 2.500	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2							of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3.C5.21.0069								C05.021.098, C05.021.098A
3-51A-87-57 Circumferential	•	3-51A-87 O-ISIN4-101A-3.4	NDE-35	PT	SS	0.531 / 4.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3:C5.21.0069								C05.021.098, C05.021.098A
3-51A-87-57	51A	3-51A-87 O-ISIN4-101A-3.4	PDI-UT-2	UT	SS	0.531 / 4.000	Component PDI-UT-2-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2							of procedure NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
						Elbow to Pipe		
O3.C5.30.0003								C05.030.003
3-51B-36-68	51B	3-51B-36	NDE-35	PT .	SS	0.154 / 2.000		
Socket	Class 2	O-ISIN4-101A-3.2						
						Pipe to Valve 3HP-136		
O3.C5.30.0006								C05.030.006
3HP-436-16		3HP-436	NDE-35	PT	SS	0.237 / 4.000		HPI Pump 3C Inlet Nozzle. This weld was listed
Socket	Class 2	O-ISIN4-101A-3.3						previously as 3-51A-50-16 on iso 3-51A-50 until it was transferred to iso 3HP-436.
Terminal End					•			
						Elbow to Flange		)
O3.C5.30.0007	510	OLID 454	NDE 05	D.T.	00	0.454./0.000		C05.030.007
3HP-454-4 · Socket		3HP-454 O-ISIN4-101A-3.2	NDE-35	. PT	SS	0.154 / 2.000	•	·
SOCKEL	Class 2	0-131114-101A-3.2						
						Pipe to Elbow		

#### Oconee 3, 4th Inter-outage 2 (EOC-23)

				Ocone	e 3, 4th intel	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks (	Comments / Historical Data
Category C-F-1								
O3.C5.30.0008				***************************************				C05.030.008
3HP-454-5		3HP-454	NDE-35	PT	SS	0.154 / 2.000		
Socket	Class 2	O-ISIN4-101A-3.2				,		
						Elbow to Pipe		
O3.C5.30.0013								C05.030.010
3HP-458-2		3HP-458	NDE-35	PT	SS	0.154 / 2.000		
Socket	Class 2	O-ISIN4-101A-3.2						
						^		
_						Tee to Pipe		
Category C-F-2					P**** · · · · · · · · · · · · · · · · ·			
O3.C5.51.0012								C05.051.012, C05.051.012A
3MS-137-19V		3MS-137	NDE-25	MT	CS	0.969 / 24.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	O-ISIN4-122A-3.1						calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the
								calibration block listed shall be used.
Terminal End								
						Reducer to Nozzle S/G 3B		
O3.C5.51.0012								C05.051.012, C05.051.012
3MS-137-19V	01A	3MS-137	PDI-UT-1	UT	CS	0.969 / 24.000		Procedure NDE-600 uses the component for
	0. 0	O-ISIN4-122A-3.1						calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the
Circumferential	Class 2		,					calibration block listed shall be used.
Terminal End								
						Reducer to Nozzie S/G 3B		
O3.C5.51.0013	*							C05.051.013, C05.051.013
3MS-137-22V	01A	3MS-137	NDE-25	MT	CS	0.969 / 24.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	O-ISIN4-122A-3.1						calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the
								calibration block listed shall be used.
Terminal End								
				-		Reducer to Nozzle S/G 3B		
O3.C5.51.0013				,				C05.051.013, C05.051.013A
3MS-137-22V	01A	3MS-137	PDI-UT-1	UT	cs	0.969 / 24.000		Procedure NDE-600 uses the component for
		O-ISIN4-122A-3.1					PDI-UT-1-O	calibration. Procedure PDI-UT-1 may be used in lieu
Circumferential	Class 2							of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
Terminal End								,
						Reducer to Nozzle S/G 3B		
								•

Oconee 3, 4th Inter-outage 2 (EOC-23)

					Ocone	ee 3, 4th Inter	Outage 2 (EOC-23)		
Summar Component		System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
ategory	C-F-2		•						
O3.C5.51.0	036								C05.051.036, C05.051.036A
3LPS-477-3 Circumferer			3LPS-477 O-ISIN4-124B-3.2	NDE-25	MT	CS	0.500 / 8.000		This weld was listed previously as 3-14B-119-34A until iso 3-14B-119 was redrawn.  Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
							Pipe to Pipe		
O3.C5.51.0	036						***************************************		C05.051.036, C05.051.036A
3LPS-477-3	34A	14B	3LPS-477 O-ISIN4-124B-3.2	NDE-600	UT	CS	0.500 / 8.000	Component PDI-UT-1-O	until iso 3-14B-119 was redrawn.
Circumferer	ntial	Class 2					,		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
				,			Pipe to Pipe		
O3.C5.51.0	042			*****				•	C05.051.042, C05.051.042A
3LPS-475-6 Circumferer	60		3LPS-475 O-ISIN4-124B-3.2	NDE-25	MT	cs	0.500 / 8.000		This weld was listed previously as 3-14B-119-60 until iso 3-14B-119 was redrawn.  Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
							Pipe to Flange		
O3.C5.51.0	042			*****					C05.051.042, C05.051.042
3LPS-475-6		14B	3LPS-475 O-ISIN4-124B-3.2	NDE-600	. UT	CS	0.500 / 8.000	Component PDI-UT-1-O	
Circumferer	ntial	Class 2							Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
	٠		•				Pipe to Flange		·
O3.C5.51.0	047					· · · · · · · · · · · · · · · · · · ·			C05.051.047, C05.051.047A
3CC-131-6		55	3CC-131	NDE-25	MT	CS	0.500 / 8.000		This weld was listed previously as 3-55-39-10 until iso
Circumferer	ntial	Class 2	O-ISIN4-144A-3.2						3-55-39 was redrawn.  Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
-							Pipe to Elbow		
O3.C5.51.0	047						,		C05.051.047, C05.051.047/
3CC-131-6		55	3CC-131 O-ISIN4-144A-3.2	NDE-600	UT	CS	0.500 / 8.000	Component PDI-UT-1-O	This weld was listed previously as 3-55-39-10 until iso
Circumferer nted 02/20/0	ntial 08 lck8302 v.	Class 2 01/19/08			-		SDQA Cat "C"		Oconee 3 2/20/2008 7:25:20 AM Page 64 of 7

Oconee 3, 4th Inter-butage 2 (EOC-23)

O					*	butage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-2								Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
						Pipe to Elbow		
O3.C5.51.0048	0.1.4	0140 400	NDE OF		00			C05.051.048, C05.051.048
3MS-120-33 Circumferential		3MS-120 O-ISIN4-122A-3.2	NDE-25	MΤ	CS	0.432 / 6.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
						Elbow to Valve 3MS-33		
O3.C5.51.0048								C05.051.048, C05.051.048
3MS-120-33 Circumferential	01A Class 2	3MS-120 O-ISIN4-122A-3.2	PDI-UT-1	UT	CS	0.432 / 6.000	Component PDI-UT-1-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
						Elbow to Valve 3MS-33		
O3.C5.51.0049								C05.051.049, C05.051.049
3MS-117-36 Circumferential		3MS-117 · O-ISIN4-122A-3.3	NDE-25	MT	CS	0.500 / 8.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
						Pipe to Reducer		
O3.C5.51.0049								C05.051.049, C05.051.049
3MS-117-36 Circumferential	-	3MS-117 O-ISIN4-122A-3.3	PDI-UT-1	UT	ĊS	0.500 / 8.000	Component PDI-UT-1-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the
								calibration block listed shall be used.
				-11-2		Pipe to Reducer		
O3.C5.51.0520								C05.05
3-14B-116-41 Circumferential		3-14B-116 O-ISIN4-124B-3.2	NDE-25	MΤ		0.500 / 8.000		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
						Pipe to Elbow		
O3.C5.51.0520								C05.05
3-14B-116-41 Circumferential	14B Class 2	3-14B-116 O-ISIN4-124B-3.2	NDE-600	UT		0.500 / 8.000	Component PDI-UT-1-O	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of procedure NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
				٠		Pipe to Elbow		Sails and Follow field Shall be used.

#### Oconee 3, 4th Inter-Soutage 2 (EOC-23)

						Sutage 2 (EUC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category D-A							
O3.D1.10.0006					·····		. D01.010.00
3-DHRC-A	53 Class 3	0M 201-0286 O-ISIN4-102A-3.2 OM 2201-227	NDE-65	VT-1	NA	0.500 / 0.000	Decay Heat Removal 3A Support. Equipment support located on Class C side. Welded Attachment at the 2 Support Cradles.
O3.D1.10.0007	- 1						D01.010.00
3-LPSW-STR-A	14B Class 3	0M 240-0002 O-ISIN4-124A-3.1	NDE-65	VT-1.	. NA	0.000 / 0.000 .	Low Pressure Service Water Strainer 3A. Welded Attachment at the 4 Support Legs.
O3.D1.10.0008							D01.010.00
3-MCD-C	07A Class 3	OM 202-5 O-ISIN4-121A-3.3 OM 202-25	NDE-65	VT-1	NA	0.000 / 0.000	Main Condenser 3C Support Legs. This item was rescheduled as a result of PIP O-06-04249.
O3.D1.10.0009							D01.010.00
3-UST-A	07A Class 3	O-2348-B O-ISIN4-121A-3.7	NDE-65	VT-1	ŅA	0.000 / 0.000	Upper Surge Tank 3A. (2 Support Cradles)
•		OM 149-0001				ar .	
<u> </u>						Plate to Shell	
O3.D1.10.0010					:		D01.010.00
3-UST-DOME	07A Class 3	O-348 O-ISIN4-121A-3.7 OM 149-0002	NDE-65	VT-1	NĄ	0.000 / 0.000	Upper Surge Tank dome. (4 Support Legs)
						Plate to Shell	
O3.D1.10.0011			•			*	D01.010.00
1-GOV-OIL-PRES-TK Rigid Restraint	WL Class 3	KM 200-112 K-ISIN4-105A-1.1	NDE-65	VT-1	NA	0.000 / 0.000	Governor Oil Pressure Tank Support Attachment. Keowee Unit 1
						Skirt to Shell	
O3.D1.10.0012						•	D01.010.00
2-GOV-OIL-PRES-TK Rigid Restraint		KM 200-112 K-ISIN4-105A-2.1	NDE-65	VT-1	NA	0.000 / 0.000	Governor Oil Pressure Tank Support Attachment. Keowee Unit 2
· .						Skirt to Shell	
O3.D1.20.0002						1	D01.020.01
3-02A-0-2403A-H4 Rigid Support	02A Class 3	3-01A-04/sht.2 O-ISIN4-122A-3.4 O-3TB-301A04-02	NDE-65	VT-1	NA	0.500 / 6.000	Calculation No. 0SC-510. Inspect with F01.030.011.

Commence of Manage					ee 3, 4tii iiitei t	butage 2 (EOC-23)	—
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category D-A		·					
O3.D1.20.0020							D01.020.07
3-14B-6-0-2438B-SR9 Rigid Restraint		3-03A-13/sht.2 O-ISIN4-121D-1.2	NDE-65	VT-1	NA ·	1.000 / 6.000	Calculation No. OSC-1224-23. Inspect with F01.031.083.
O3.D1.20.0023							D01.020.07
3-14B-1-0-2437A-SR108	–	3-14-05/sht.1	NDE-65	VT-1	NA	2.000 / 20.000	Calculation No. OSC-533.
Rigid Restraint	Class 3	O-ISIN4-124A-3.1					•
O3.D1.20.0024					10 mm - 1		D01.020.07
3-14B-1-0-2439B-H23		3-14-06/sht.2 O-ISIN4-124B-3.2	NDE-65	VT-1	NA	1.500 / 8.000	Calculation No. OSC-535.
Rigid Restraint	Class 3						
O3.D1.20.0028					W7.W		D01.020.10
1-WL-100A-K0003 Rigid Support	WL Class 3	K-ISIN4-100A-1.1	NDE-65	VT-1	. NA	0.500 / 8.000	Calc.# KC-0111,Page 30 Problem # 0-WL-01 sht. 1 of 1. Keowee Unit 1.
riigid Support							Inspect with F01.030.131.
O3.D1.20.0211	· · · · · · · · · · · · · · · · · · ·						D01.020.06
3-13-0-345-PS1-A Rigid Support		O-345A O-ISIN4-133A-3.1	NDE-65	VT-1	NA	0.375 / 96.000	Calculation No. OSC-681 or OSC-605. Welded attachment associated with support located on discharge piping at the Condenser Circulating Water Intake Pump 3A.
O3.D1.30.0001					. en vers	AS SOLE AT THE STATE OF THE STA	D01.030.00
3-CCWP-A		OM 202-0003 O-ISIN4-133A-3.1 O-345	NDE-65	VT-1	NA .	0.000 / 2.000	Condenser Circulating Water Intake Pump 3A. Welded Attachment to Pump Casing.
Category ELC							
O3.H4.1.0024							· H04.001.02
3-01A-0-2441-H3 Rigid Support		3-01-01/sht.1 O-ISIN4-122A-3.2	NDE-66	VT-3	NA	0.000 / 36.000	Calculation No. OSC-506.
O3.H4.1.0025	· .					•	H04.001.025, H04.001.025
3-01A-0-2441-R2 Hyd Snubber		3-01-01/sht.1 O-ISIN4-122A-3.2	NDE-25	MT	NA	0.688 / 36.000	Calculation No. OSC-506 (H04.001.025A) Perform a Surface exam on the attachment welds.  Note: Magnetic Particle examinations (with the use of procedure NDE-25) may be performed on carbon steel material in lieu of or in conjunction with liquid

				Ocone	e 3, 4th Inter	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category ELC						•	
O3.H4.1.0025							H04.001.025, H04.001.025A
3-01A-0-2441-R2 Hyd Snubber	01A Class 2	3-01-01/sht.1 O-ISIN4-122A-3.2	NDE-66	VT-3	NA	0.688 / 36.000	Calculation No. OSC-506 (H04.001.025A) Perform a Surface exam on the attachment welds. Note: Magnetic Particle examinations (with the use of procedure NDE-25) may be performed on carbon steel material in lieu of or in conjunction with liquid penetrant examinations.
O3.H4.1.0026							H04.001.026
3-01A-0-2441-H4	01A	3-01-01/sht.1	NDE-66	VT-3	NA	0.000 / 36.000	Calculation No. OSC-506.
Rigid Support		O-ISIN4-122A-3.2					Calculation No. 333 500.
O3.H4.1.0027					***************************************		H04.001.027, H04.001.027A
3-01A-0-2441-R4	01A	3-01-01/sht.1	NDE-25	MT	CS	0.375 / 36.000	Calculation No. OSC-506 (H04.001.027A) Perform
Rigid Support	Class 2	O-ISIN4-122A-3.1					a Surface exam on the attachment welds.  Note: Magnetic Particle examinations (with the use of procedure NDE-25) may be performed on carbon steel material in lieu of or in conjunction with liquid penetrant examinations.
O3.H4.1.0027			-				H04.001.027, H04.001.027A
3-01A-0-2441-R4 Rigid Support		3-01-01/sht.1 O-ISIN4-122A-3.1	NDE-66	VT-3	CS	0.375 / 36.000	Calculation No. OSC-506 (H04.001.027A) Perform a Surface exam on the attachment welds. Note: Magnetic Particle examinations (with the use of procedure NDE-25) may be performed on carbon steel material in lieu of or in conjunction with liquid penetrant examinations.
O3.H4.1.002Ŗ							H04.001.028, H04.001.028A
3-01A-0-2401B-H5 Spring Hgr		3-01-01/sht.1 O-ISIN4-122A-3.1	NDE-25	MT	CS	1.000 / 36.000	Calculation No. 0SC-506. Inspect with item number F01.022.005. (H04.001.028A) Perform a Surface exam on the attachment welds. Note: Magnetic Particle examinations (with the use of procedure NDE-25) may be performed on carbon steel material in lieu of or in conjunction with liquid penetrant examinations.
O3.H4.1.0028							H04.001.028, H04.001.028A
3-01A-0-2401B-H5 Spring Hgr		3-01-01/sht.1 O-ISIN4-122A-3.1	NDE-66	VT-3	CS	1.000 / 36.000	Calculation No. 0SC-506. Inspect with item number F01.022.005. (H04.001.028A) Perform a Surface exam on the attachment welds. Note: Magnetic Particle examinations (with the use of procedure NDE-25) may be performed on carbon steel material in lieu of or in conjunction with liquid penetrant examinations.

Oconee 3, 4th Inter-putage 2 (EOC-23)

				Oconee	3, 4th Inter	outage 2 (EOC-23)	
Summary Num Component ID / Type	System	n ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
ategory ELC							
O3.H4.1.0029							H04.001.029, H04.001.029
3-01A-0-2401B-H6	01A	3-01-01/sht.2	NDE-66	VT-3	NA	0.000 / 36.000	Calculation No. OSC-506.
Spring Hgr	Class 2	O-ISIN4-122A-3.1					Note: The attachment area on this support is not welded.
O3.H4.1.0030		•					H04.001.03
3-01A-0-2401B-H7	01A	3-01-01/sht.2	NDE-66	VT-3	NA	0.000 / 36.000	Calculation No. OSC-506.
Rigid Support	Class 2	O-ISIN4-122A-3.1					
O3.H4.1.0031							H04.001.03
3-01A-0-2401B-H8	01A	3-01-01/sht.2	NDE-66	VT-3	NA	0.000 / 36.000	Calculation No. OSC-506.
Rigid Support	Class 2	O-ISIN4-122A-3.1				•	
O3.H4.1.0032							H04.001.03
3-01A-0-2401B-R5	01A	3-01-01/sht.2	NDE-66	VT-3	NA	0.000 / 36.000	Calculation No. OSC-506.
Hyd Snubber	Class 2	O-ISIN4-122A-3.1					
O3.H4.1.0047							H04.001.047, H04.001.047
3-01A-0-2401B-R13		3-01-01/sht.1	NDE-25	MT	CS	0.750 / 36.000	Calculation No. OSC-506.
Rigid Support	Class 2	O-ISIN4-122A-3.1			·		Inspect with item number F01.020.001 (H04.001.047A) Perform a Surface exam on the attachment welds.
·		,					<ul> <li>Note: Magnetic Particle examinations (with the use of procedure NDE-25) may be performed on carbon steel material in lieu of or in conjunction with liquid</li> </ul>
						•	penetrant examinations. This support had debris (look in area of item 25) that
			•				prevented examining 100% of the support during EOC
·						·	23. The support needs to be cleaned and debris removed to allow 100% coverage for the VT-3 Exam during EOC-24.
O3.H4.1.0047							H04.001.047, H04.001.047
3-01A-0-2401B-R13 Rigid Support		3-01-01/sht.1 O-ISIN4-122A-3.1	NDE-35	PT	CS	0.750 / 36.000	Calculation No. OSC-506. Inspect with item number F01.020.001 (H04.001.047A) Perform a Surface exam on the attachment welds. Note: Magnetic Particle examinations (with the use of
							procedure NDE-25) may be performed on carbon steel material in lieu of or in conjunction with liquid penetrant examinations. This support had debris (look in area of item 25) that prevented examining 100% of the support during EOC 23. The support needs to be cleaned and debris
nted 02/20/08 lck8302 v	01/10/09				CDO	A Cat "C"	removed to allow 100% coverage for the VT-3 Exam

Oconee 3, 4th Inter Sutage 2 (EOC-23)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
ategory <u>ELC</u>							during EOC-24.
ategory F-A							duling 200-24.
O3.F1.10.0008							F01.010.
3-53A-0-2479A-H23C Rigid Support	53A Class 1	3-53-09/sht.2 O-ISIN4-100A-3.2 O-3RB-35309-02	NDE-66	VT-3	NA ,	0.250 / 1.500	Calculation No. OSC-1343-06 Vol.A. Inspect with B10.020.022.
O3.F1.11.0003						<del></del>	F01.011.0
3-51A-0-2478A-H3C Rigid Restraint	51A Class 1	3-51-14/sht.1 O-ISIN4-101A-3.1	NDE-66	VT-3	NA	0.250 / 2.500	Calculation No. OSC-1660-01. Inspect with B10.020.011.
O3.F1.11.0007			•				F01.011.0
3-53A-0-2481A-H28C Rigid Restraint		3-53-09/sht.2 O-ISIN4-100A-3.2 O-3RB-35309-02	NDE-66	VT-3	NÁ	0.250 / 1.500	Calculation No. OSC-1343-06 Vol.A.
O3.F1.12.0007							F01.012.0
3-53A-0-2479A-H1A Spring Hgr	53A Class 1	3-53-19/sht.3 O-ISIN4-102A-3.3 O-3RB-35319-03	NDE-66	VT-3	NA	1.500 / 14.000	Calculation No. OSC-1338.
D3.F1.20.0008							F01.020.0
3-03-0-2479A-H1B Rigid Support	03 Class 2	3-03-06/sht.1 O-ISIN4-121B-3.3 O-2490B-2(S)	NDE-66	VT-3	NA	0.280 / 14.000	Calculation No. OSC-1335.
D3.F1.20.0025							F01.020.0
3-51B-1-0-2436G-H103 Rigid Support		3-51-01/sht.4 O-ISIN4-101A-3.2	NDE-66	VT-3	NA	0.000 / 2.500	Calculation No. OSC-538 Part "A".
D3.F1.20.0028		*					F01.020.0
3-51A-3-0-2438A-H500 Rigid Support		3-51-06/sht.1 O-ISIN4-101A-3.1	NDE-66	VT-3	NA	0.125 / 4.000	Calculation No. OSC-543.
D3.F1.20.0029 3-51B-2436G-DE072	51P	3-51-01/sht.2	NDE-66	VT-3	NA	0.000 / 2.500	F01.020.(
Rigid Support		O-ISIN4-101A-3.2	NDE-00	v 1-0	INA	0.000 / 2.500	Calculation No. OSC-538 Part "A".

Oconee 3, 4th Interior Sutage 2 (EOC-23)

				e 5, 4th inter	Juliage 2 (EUC-23)	
System	ISO/DWG Numbers	Procedure		Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
					•	
						F01.020
51B	3-51-01/sht.2	NDE-66	VT-3	NA	0.000 / 3.000	Calculation No. OSC-538 Part "A",
Class 2	O-ISIN4-101A-3.2					: :
						F01.020
53B	3-51-02/sht.2	NDE-66	VT-3	NA	0.000 / 8.000	Calculation No. OSC-539.
						outodiation (40. 000 000.
	O-3AB-35102-02					
						F01.020
		NDE-66	VT-3	NA	0.000 / 8.000	Calculation No. OSC-539.
Class 2	O-ISIN4-102A-3.1 O-3AB-35102-02					
						F01.020
53B	3-53-01/sht.1	NDE-66	VT-3	NA	0.000 / 14.000	Calculation No. 0SC-549.
Class 2	O-ISIN4-102A-3.1 O-3AB-35301-01			•		
		•	•			F01.020
53B	3-53-01/sht.2	NDE-66	VT-3	NA .	0.187 / 14.000	Calculation No. OSC-549.
Class 2	O-ISIN4-102A-3.1 O-3AB-35301-02					
				<u> </u>		F01.020
53B	3-53-03/sht.1	NDE-66	VT-3	NA	0.000 / 10.000	Calculation No. OSC-550.
Class 2	O-ISIN4-102A-3.2					Galdatatorrio. GGG 550.
	A-74-74		· · · · · · · · · · · · · · · · · · ·			· F01.020
53B	3-53-04/sht.2	NDE-66	VT-3	NA	0.750 / 10.000	Calculation No. 0SC-551. Inspect with C03.020.057
	*		-	-		54.54.4.5. 15. 555 551 Hisport Hitt 500.020.057
			· · · · · · · · · · · · · · · · · · ·	<del></del>		F01.020
54A	3-54-01/sht.1	NDE-66	VT-3	NA	0.125 / 8.000	Calculation No. OSC-554.
	51B Class 2 53B Class 2 53B Class 2 53B Class 2 53B Class 2	51B 3-51-01/sht.2 Class 2 O-ISIN4-101A-3.2  53B 3-51-02/sht.2 Class 2 O-ISIN4-102A-3.1 O-3AB-35102-02  53B 3-51-02/sht.2 Class 2 O-ISIN4-102A-3.1 O-3AB-35102-02  53B 3-53-01/sht.1 Class 2 O-ISIN4-102A-3.1 O-3AB-35301-01  53B 3-53-01/sht.2 Class 2 O-ISIN4-102A-3.1 O-3AB-35301-02  53B 3-53-03/sht.1 Class 2 O-ISIN4-102A-3.2	51B 3-51-01/sht.2	System         ISO/DWG Numbers         Procedure         Insp Req           51B         3-51-01/sht.2 Class 2         NDE-66         VT-3           53B         3-51-02/sht.2 Class 2         NDE-66         VT-3           Class 2         O-ISIN4-102A-3.1 O-3AB-35102-02         NDE-66         VT-3           53B         3-51-02/sht.2 O-ISIN4-102A-3.1 O-3AB-35102-02         NDE-66         VT-3           Class 2         O-ISIN4-102A-3.1 O-3AB-35301-01         NDE-66         VT-3           53B         3-53-01/sht.2 O-3AB-35301-02         NDE-66         VT-3           Class 2         O-ISIN4-102A-3.1 O-3AB-35301-02         NDE-66         VT-3           53B         3-53-03/sht.1 O-3AB-35301-02         NDE-66         VT-3           53B         3-53-04/sht.2 Class 2         NDE-66         VT-3           NDE-66         VT-3         NDE-66         VT-3	System         ISO/DWG Numbers         Procedure         Insp Req         Mat           51B         3-51-01/sht.2         NDE-66         VT-3         NA           Class 2         O-ISIN4-101A-3.2         NDE-66         VT-3         NA           53B         3-51-02/sht.2         NDE-66         VT-3         NA           Class 2         O-ISIN4-102A-3.1 O-3AB-35102-02         NDE-66         VT-3         NA           53B         3-53-01/sht.1 O-3AB-35301-01         NDE-66         VT-3         NA           53B         3-53-01/sht.2 O-3AB-35301-02         NDE-66         VT-3         NA           53B         3-53-01/sht.1 O-3AB-35301-02         NDE-66         VT-3         NA           53B         3-53-03/sht.1 O-3AB-35301-02         NDE-66         VT-3         NA           53B         3-53-03/sht.1 Class 2         O-ISIN4-102A-3.2         NDE-66         VT-3         NA           53B         3-53-04/sht.2 Class 2         O-ISIN4-102A-3.2         NDE-66         VT-3         NA	System         ISO/DWG Numbers         Procedure         Req         Mat         Sched Thick/Dia           51B         3-51-01/sht.2         NDE-66         VT-3         NA         0.000 / 3.000           53B         3-51-02/sht.2         NDE-66         VT-3         NA         0.000 / 8.000           53B         3-51-02/sht.2         NDE-66         VT-3         NA         0.000 / 8.000           53B         3-51-02/sht.2         NDE-66         VT-3         NA         0.000 / 8.000           53B         3-53-01/sht.1         NDE-66         VT-3         NA         0.000 / 14.000           53B         3-53-01/sht.1         NDE-66         VT-3         NA         0.000 / 14.000           53B         3-53-01/sht.2         NDE-66         VT-3         NA         0.187 / 14.000           53B         3-53-03/sht.1         NDE-66         VT-3         NA         0.000 / 10.000           53B         3-53-03/sht.1         NDE-66         VT-3         NA         0.000 / 10.000           53B         3-53-04/sht.2         NDE-66         VT-3         NA         0.750 / 10.000           53B         3-53-04/sht.2         NDE-66         VT-3         NA         0.750 / 10.000

Oconee 3, 4th Inter Soutage 2 (EOC-23)

Summary Num	_			Insp	_	outage 2 (EOC-23)	
Component ID / Type	System	ISO/DWG Numbers	Procedure	Req	Mat ·	Sched Thick/Dia	Cal Blocks Comments / Historical Data
ategory F-A		<u> </u>					
O3.F1.20.0059	•					*	F01.020.089
3-54A-3-0-2439C-H5	54A	3-54-03/sht.2	NDE-66	VT-3	NA	1.000 / 8.000	Calculation No. OSC-556. Inspect with C03.020.064.
Rigid Support	Class 2	O-ISIN4-103A-3.1					
		- (					
O3.F1.20.0302							F01.020.016
3-03A-2439A-LDD-3001	03A	3-03A-05/sht.1	NDE-66	VT-3	. NA	0.500 / 6.000	Calculation No. OSC-525.
Rigid Support	Class 2	O-ISIN4-121D-3.1					
						,	
O3.F1.21.0003		·					F01.021.01
3-03-0-2481A-H16A	. 03	3-03-07/sht.1	NDE-66	VT-3	NA	1.000 / 24.000	Calculation No. 0SC-1335. Inspect with C03.020.012
Rigid Restraint	Class 2	O-ISIN4-121B-3.3				•	
		O-2490B-3(S)				·	
O3.F1.21.0004							F01.021.01
3-03A-1-0-2439A-NPS-H3	03A	3-03A-05/sht.1	NDE-66	VT-3	NA -	0.000 / 6.000	. Calculation No. 0SC-517. This S/R listed as 3-NPS-
Rigid Restraint	Class 2	O-ISIN4-121D-3:1					03A-1-0-2439A-H3 on the drawing
						`	
O3.F1.21.0005							F01.021.021
3-14B-0-2439A-DE082	14B	3-03A-05/sht.1	NDE-66	VT-3	NA .	0.000 / 6.000	Calculation No. 0SC-517.
Rigid Restraint	Class 2	O-ISIN4-121D-3.1					·
						•	
 O3.F1.21.0028							F01.021.05
3-51B-2436G-DE005	51B	3-51-01/sht.5	NDE-66	VT-3	NA	0.000 / 2.500	Calculation No. 0SC-538 Part "A".
Rigid Restraint		O-ISIN4-101A-3.2				0.000 / 2.000	Calculation No. 000 500 Fait A.
O3.F1.21.0035			10 1311			-1010 1 1	F01.021.06
03.F1.21.0035 3-53B-2-0-2435B-SR26	53B	3-53-01/sht.1	NDE-66	VT-3	NA	0.187 / 14.000	Calculation No. OSC-549.
Rigid Restraint	Class 2	O-ISIN4-102A-3.1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		14/1	0.1017 14.000	Calculation 140. OSO-343.
-		O-3AB-35301-01					·
OO E4 04 0000							50100100
O3.F1.21.0038 3-54A-3-0-2436D-H48	54A	3-54-01/sht.1	NDE-66	VT-3	NA	1.000 / 8.000	F01.021.08 Calculation No. 0SC-554.
		.3-34-01/8011					

SDQA Cat "C"

Oconee 3, 4th Inter-outage 2 (EOC-23)

Summary Num			•	Insp	e 5, 4th litter	outage 2 (EOC-23)	
Component ID / Type	System	ISO/DWG Numbers	Procedure		Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category F-A							
O3.F1.22.0003 3-01A-0-2481A-H9B Constant Support	01A Class 2	3-01-07/sht.1 O-ISIN4-121B-3.3 0-2490A-2(S)	NDE-66	VT-3	NA	1.000 / 26.000	F01.022. Calculation No. 0SC-1334-06.
O3.F1.22.0005 3-01A-0-2401B-H5 Spring Hgr		3-01-01/sht.1 O-ISIN4-122A-3.1	NDE-66	VT-3	NA ·	1.000 / 36.000	F01.022. Calculation No. 0SC-506. Inspect with item number H04.001.028.
O3.F1.22:0009 3-01A-0-2480A-H1A Spring Hgr		3-01-08/sht.1 O-ISIN4-122A-3.1 O-2490A-3(S)	NDE-66	VT-3	NA .	1.500 / 26.000	F01.022. Calculation No. OSC-507. Inspect with C03.020.00
O3.F1.22.0011 3-03A-0-2480A-H1B Constant Support	. 03A Class 2	3-03A-14/sht.1 O-ISIN4-121D-3.1 O-3RB-303A14-01	NDE-66	VT-3	NA	0.000 / 6.000	F01.022. Calculation No. 0SC-1224-18.
O3.F1.22.0012 3-51A-6-0-2435D-H128 Spring Hgr		3-51-02/sht.4 O-ISIN4-101A-3.3 O-3AB-35102-04	NDE-66	`VT-3	NA	0.000 / 6.000	F01.022. Calculation No. 0SC-539.
O3.F1.22.0015 3-53B-5-0-2444-H19 Spring Hgr	53B Class 2	3-53-03/sht.3 O-ISIN4-102A-3.2	NDE-66	VT-3	NA .	0.125 / 10.000	F01.022. Calculation No. OSC-550.
O3.F1.22.0020 3-53B-5-0-2435B-H12 Spring Hgr	53B Class 2	3-53-03/sht.1 O-ISIN4-102A-3.2	NDE-66	VT-3	NA ·	0.000 / 10.000	F01.022. Calculation No. 0SC-550.
O3.F1.30.0003 3-02A-0-2403A-H4 Rigid Support	02A Class 3	3-01A-04/sht.2 O-ISIN4-122A-3.4 O-3TB-301A04-02	NDE-66	VT-3	NA	0.500 / 6.000	F01.030. Calculation No. 0SC-510. Inspect with D01.020.011

Oconee 3, 4th Inter outage 2 (EOC-23)

,		•			e 3, 4th Inter	outage 2 (EOC-23)		
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data	
Category F-A		•	_					
O3.F1.30.0008							F01.03	30.025
3-03A-2401A-DE010		3-03A-06/sht.3	NDE-66	VT-3	NA	0.000 / 6.000	Calculation No. OSC-519.	
Rigid Support	Class 3	O-ISIN4-121D-3.1						
O3.F1.30.0033						•	F04.00	
3-07A-6-0-2400A-H81	074	3-07-05/sht.2	NDE-66	VT 2	NA	0.000 / 20.000	F01.03	30.068
Rigid Support			NDE-00	VT-3	NA	0.000 / 20.000	Calculation No. OSC-1211.	
riigia Sapport	Olass o	O 10114-121A-0.0						
O3.F1.30.0050							F01.03	 30.13°
1-WL-100A-K0003	WL	K-ISIN4-100A-1.1	NDE-66	VT-3	NA	0.500 / 8.000	Calc.# KC-0111,Page 30	,,,,,
Rigid Support	Class 3						Problem # 0-WL-01 sht. 1 of 1. Keowee Unit 1. Inspect with D01.020.101.	
O3.F1.30.0052							, F01.03	30.13
2-WL-100A-K0024	WL	K-ISIN4-100A-2.1	NDE-66	VT-3	NA	0.500 / 8.000	Calc.# KC-0111,Page 30	
Rigid Support	Class 3						Problem # 0-WL-01 sht. 1 of 1. Keowee Unit 2.	
O3.F1.30.0419	<del>.</del>						F01.03	30.092
3-13-0-345-PS1-A	13	O-345A	NDE-66	VT-3	NA	0.375 / 96.000	Calculation No. OSC-681 or OSC-605. Support	
Rigid Support	Class 3	O-ISIN4-133A-3.1					located on discharge piping at the Condenser Circulating Water Intake Pump 3A.	
O3.F1.31.0006	The state of the s						F01.03	 31.025
3-03A-1-0-2400A-H209		3-03A-12/sht.1	NDE-66	VT-3	NA	0.750 / 6.000	Calculation No. OSC-1209.	
Rigid Restraint	Class 3	O-ISIN4-121D-3.1						
O3.F1.31.0007			· · · · · · · · · · · · · · · · · · · ·			3011300	F01.03	31 02
3-03A-1-0-2439B-H9	03A	3-03A-13/sht.1	NDE-66	VT-3	NA	0.375 / 6.000	Calculation No. OSC-1224-23.	71.02
Rigid Restraint		O-ISIN4-121D-3.1	1152 00	****	747	0.0707 0.000	Galculation No. 030-1224-25.	
					istanie i			
O3.F1.31.0011							F01.03	31.04
3-04A-2-0-2439B-H20		3-04A-01	NDE-66	VT-3	NA	0.125 / 6.000	Calculation No. OSC-520.	
Rigid Restraint	Class 3	O-ISIN4-121B-3.5						
	•					•	F01.03	
3-07A-4-0-2402A-SR15	074	3-07-03/sht.2	NDE-66	VT-3	NA	1.000 / 8.000	Calculation No. OSC-522.	,1.00
				., .		1.000 / 0.000	Galiculation 140. OGO-022.	
Rigid Restraint	Class 3	O-ISIN4-121A-3.8						

SDQA Cat "C"

Oconee 3 2/20/2008 7:25:20 AM Page 74 of 77

Printed 02/20/08 lck8302 v. 01/19/08

Oconee 3, 4th Inter Soutage 2 (EOC-23)

					e 3, 4th inter	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
ategory F-A							•
O3.F1.31.0018							F01.031.080
3-14B-6-0-2438B-SR9	14B	3-03A-13/sht.2	NDE-66	VT-3	NA	1.000 / 6.000	Calculation No. OSC-1224-23. Inspect with
Rigid Restraint	Class 3	O-ISIN4-121D-1.2					D01.020.072.
O3.F1.31.0020							F01.031.08
3-14B-6-0-2437A-SR11	14B	3-14B-02/sht.4	NDE-66	VT-3	NA	0.216 / 6.000	Calculation No. OSC-529.
Rigid Restraint	Class 3	O-ISIN4-121D-1.2					`
O3.F1.31.0021	•						F01.031.091
3-56-4-0-2438B-SR2	56	3-56-02/sht.3	NDE-66	VT-3	NA	0.125 / 8.000	Calculation No. OSC-563.
Rigid Restraint	Class 3	O-ISIN4-104A-3.1 O-3AB-35602-03					
O3.F1.32.0008				•			F01.032.028
3-03A-1-0-2402A-H36	03A		NDE-66	VT-3	NA	1.000 / 6.000	Calculation No. OSC-513.
Spring Hgr	Class 3	O-ISIN4-121B-3.3 O-3TB-303A02-03					
O3.F1.32.0011							F01.032.028
3-03A-1-0-2400A-H32	03A	3-03A-12/sht.2 O-ISIN4-121D-3.1	NDE-66	VT-3	NA	1.500 / 6.000	Calculation No. OSC-1209.
Spring Hgr	Class 3	0-131114-1210-3.1					
O3.F1.40.0008			· · · · · · · · · · · · · · · · · · ·				F01.040.008
3-EFDW-PT		0M 200.B-0006 O-ISIN4-122A-3.4	NDE-66	VT-3	NA .	0.000 / 0.000	Emergency Feedwater Pump Turbine Reference Figure 1 in Manual OM 200.B-0006 Items 12&18.
	Class 3	U-151114-122A-3.4					rigure i in Marida OM 200.B-0000 items 12416.
O3.F1.40.0014							F01.040.014
3-LD-FTR-A		OM-201-0128	NDE-66	VT-3	NA	0.250 / 0.000	Letdown Filter 3A Support. This item was rescheduled as a result of PIP 0-06-04249.
	Class 2	O-ISIN4-101A-3.2					as a result of MIM U-05-04249.
O3.F1.40.0017							F01.040.017
3-MCD-C	÷ · · ·	OM 202-5	NDE-66	VT-3	NA	0.000 / 0.000	Main Condenser 3C Support Legs. This item was
	Class 3	O-ISIN4-121A-3.3 OM 202-25				4	rescheduled as a result of PIP O-06-04249.
		UIVI 202-23					

Oconee 3, 4th Inter-poutage 2 (EOC-23)

					e 3, 4th Inter	butage 2 (EOC-23)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category F-A							
O3.F1.40.0018							F01.040.01
3-UST-A		O-2348-B O-ISIN4-121A-3.7 OM 149-0001	NDE-66	VT-3	NA	0.000 / 0.000	Upper Surge Tank 3A Support Legs. OM 2201-15
O3.F1.40.0021							F01.040.02
1-GOV-OIL-PRES-TK Rigid Restraint		KM 200-112 K-ISIN4-105A-1.1	NDE-66	VT-3	NA	0.000 / 0.000	Governor Oil Pressure Tank Support. Keowee Unit 1
O3.F1.40.0023						·	F01.040.02
2-GOV-OIL-PRES-TK Rigid Restraint		KM 200-112 K-ISIN4-105A-2.1	NDE-66	VT-3	NA	0.000 / 0:000	Governor Oil Pressure Tank Support. Keowee Unit 2.
O3.F1.40.0027				<del>.</del>	WST411		F01.040.02
3-LS-TANK		0M 2201-14 O-ISIN4-101A-3.2	NDE-66	VT-3	NA	0.000 / 0.000	Letdown Storage Tank Support. This item was rescheduled as a result of PIP GO-06-0256.
O3.F1.40.0029							F01.040.02
3-RCP-SEAL-FTR-A		OM 201-0473 O-ISIN4-101A-3.4 0-2437A	NDE-66	VT-3	NA	0.000 / 0.000	Reactor Coolant Pump Seal Supply Filter 3A Support. Reference manual OM 1201-1121 or OM 2201-597.
O3.F1.40.0030							F01.040.03
3-HPI-PU-A	•	OM-2201-597 O-ISIN4-101A-3.3 OM 1201-1121	NDE-66	VT-3	NA	0.000 / 0.000	High Pressure Injection Pump 3A Support. Reference manual OM 1201-1121 or OM 2201-597.
O3.F1.40.0037							F01.040.03
3-UST-DOME		O-348 O-ISIN4-121A-3.7 OM 149-0002	NDE-66	VT-3	NA	0.000 / 0.000	Upper Surge Tank Dome Support Legs. This item rescheduled as a result of PIP O-06-04249.
O3.F1.40.0076		# # 1					F01.040.03
1-GOV-TANK Rigid Restraint		KM 2000082 K-ISIN4-105A-1.1	NDE-66	VT-3	NA	0.000 / 0.000	Governor Tank Support Pad. Keowee Unit 1.
O3.F1.40.0077			, ,				F01.040.03
2-GOV-TANK Rigid Restraint		KM 2000082 K-ISIN4-105A-2.1	NDE-66	VT-3	NA	0.000 / 0.000	Governor Tank Support Pad. Keowee Unit 2.

Oconee 3, 4th Inter-butage 2 (EOC-23)

					o o,	Datage 2 (200 20)	
Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks Comments / Historical Data
Category F-A							
O3.F1.40.0078						-	F01.040.040
1-GOV-OIL-ST	WL	KM 200-0084	NDE-66	VT-3	NA	0.000 / 0.000	Governor Oil Sump Tank Support Pad. Keowee Unit 1.
Rigid Restraint	Class 3	K-ISIN4-105A-1.1					
O3.F1.40.0079							F01.040.04
2-GOV-OIL-ST	WL	KM 200-0084	NDE-66	VT-3	NA ·	0.000 / 0.000	Governor Oil Sump Tank Support Pad. Keowee Unit 2.
Rigid Restraint	Class 3	O-ISIN4-105A-2.1			·		
O3.F1.40.0080				****	-		F01.040.042
3-CCWP-A	13 Class 3	OM 2020003 O-ISIN4-133A-3.1 O-345	NDE-66	VT-3	NA	0.000 / 2.000	Condenser Circulating Water Intake Pump 3A. Examine the Pump Thrust Support shown in the plan view of O-345., also examine the Pump Floor Plate and associated bolting shown in View A-A of drawing OM 202.0003.
O3.F1.40.0085							F01.040.044
3-SGA-LATERAL	50 Class 2	O-2065Y O-2065V O-2065-D	NDE-66	VT-3	NA	0.000 / 0.000	Unit 3 Steam Generator A Lateral Support. Drawing O-2065Y, O-2065V, O-2065-D, and O-65G should be used for inspection of the lateral support.
					End of	Report —	

#### 4.0 Results Of Inspections Performed

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:

Summary 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

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

 $RFR (Relief Request) = \underline{Y}$ 

Y Yes N No

Comments

General and/or Detail Description

#### 4.1 Reportable Indications

EOC 23 (Outage 2) had two reportable indications during this report period. See paragraph 4.2 for corrective actions associated with the two items that had reportable indications.

#### 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-07-6988 was written to document a problem found during a surface examination (PT) on the Letdown Storage Tank support attachment weld (summary number # O3.C3.10.0005). The indications found during the PT examination were reviewed by the Liquid Penetrant NDE Level III inspector and the weld indications were found to be unacceptable. Plan Addenda ONS3-058 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 welds were repaired.

PIP O-07-6829 was written to document a problem found during a surface examination (PT) on the HPI Pump A support attachment weld (summary number # O3.C3.30.0001). The indications found during the PT examination were reviewed by the Liquid Penetrant NDE Level III inspector and the weld indications were found to be unacceptable. Plan Addenda ONS3-057 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 weld was repaired.

#### 4.3 Corrective Measures

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's Corporate Office in Charlotte, North Carolina.

PIP O-07-06780 was written to document gaps found on thermal sleeves located within two HPI nozzle and safe-end pieces. The thermal sleeves were replaced on the two HPI nozzles and the new nozzles were examined by RT. The RT examinations were augmented exams (items O3.G2.1.026 and O3.G2.1.0029) and were deemed reportable as a means for engineering to evaluate the gaps for acceptance and to initiate a procedure revision to NDE-105 to document the gap dimensions in the procedure as a baseline for future exams.

PIP O-07-06620 was written to document evidence of leakage discovered during a VT-2 examination on an augmented examination (summary number O3.G11.1.00002). The examination was in the unit 3 reactor vessel head penetrations area.

PIP O-07-4413 was written to track the correction of problems found with a support attachment weld during an ISI inspection. (Support # 3-14B-1-0-2437A-SR108 and Summary Number O3.D1.20.0023). The support was evaluated by civil engineering and was found to be acceptable for service.

#### 4.4 Limited Examinations

Limited examinations (i.e., less than or equal to 90% of the required examination coverage obtained for surface and volumetric exams on welds or less than 100% of the required examination area for Visual exams) identified during EOC 23 (Outage 2) are shown in the table below:

Summary Number	Description of Limitation
O3.B3.110.0001	Coverage limitation (41.70%) *
O3.B3.110.0002	Coverage limitation (46.10%) *
O3.B3.110.0003	Coverage limitation (30.00%) *
O3.B3.110.0004	Coverage limitation (30.00%) *
O3.B3.110.0005	Coverage limitation (30.00%) *
O3.B9.11.0007	Coverage limitation (37.50%) **
O3.B9.11.0035	Coverage limitation (75.00%) **
O3.C1.20.0006	Coverage limitation (80.26%) *
O3.C5.11.0015	Coverage limitation (37.50%) *

Summary Number	Description of Limitation
O3.C5.11.0032	Coverage limitation (75.00%) *
O3.C5.11.0033	Coverage limitation (37.50%) *
O3.C5.11.0034	Coverage limitation (37.50%) *
O3.C5.11.0049	Coverage limitation (75.00%) *
O3.C5.11.0050	Coverage limitation (75.00%) *
O3.C5.21.0019	Coverage limitation (83.90%) *
O3.C5.21.0032	Coverage limitation (81.30%) *
O3.C5.21.0058	Coverage limitation (84.20%) *
O3.D1.10.0011	Coverage limitation (80.00%) ***
O3.D1.10.0012	Coverage limitation (80.00%) ***
O3.F1.40.0021	Coverage limitation (80.00%) ***
O3.F1.40.0023	Coverage limitation (80.00%) ***
O3.F1.40.0076	Coverage limitation (60.00%) ***
O3.F1.40.0077	Coverage limitation (60.00%) ***
O3.F1.40.0078	Coverage limitation (05.00%) ***
O3.F1.40.0079	Coverage limitation (05.00%) ***

<sup>\*</sup> PIP # O-08-00738 was written to track the corrective action for limited coverage on UT examinations of welds that were inspected during 3EOC-23 for Unit 3.

<sup>\*\*</sup> These two welds were examined during 3EOC-22 and were limited. The exams performed during 3EOC-23 were to help justify the limitations when a relief request is filed to the NRC. A relief request will be filed for the limited coverage for these welds.

<sup>\*\*\*</sup> PIP # O-07-00631 was written to track the corrective action for limited coverage on VT examinations of welds that were inspected during 3EOC-23 for Units 1 & 2 at Keowee.



# DUKE ENERGY CORPORATION QUALITY ASSURANCE SCHNICAL SERVICES

## Inservice Inspection Database Management System Inspection Results

Oconee 3, 4th Interval, Outage 2 (EOC-23)

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.B10.10.0006	3-LDC-A-SUPPORT	51A	12/01/07	CLR	N	N	N	MT-07-043
O3.B10.20.0002	3-51A-0-2478A-H3C	51A	11/17/07	CLR	N	N	. N	PT-07-080
O3.B10.20.0007	3-53A-0-2479A-H23C	53A	11/07/07	CLR	N	N (	. N	PT-07-070
O3.B12.50.0003	3-53A-CF-13	53	11/17/07	CLR	N	N	N	VT-07-278
O3.B13.10.0001	3-RPV-INT-SUR	50	12/02/07	CLR	N	N	N	VT-07-296
Ó3.B2.11.0001	3-PZR-WP76	50	11/02/07	CLR	91.10%	N	N	UT-07-115
O3.B2.12.0001	3-PZR-WP1-1	50	11/02/07	CLR	N	N	N	UT-07-116
O3.B3.110.0001	3-PZR-WP15	50	11/01/07	CLR	41.70%	N	Υ	UT-07-132  See PIP O-08-00738 for corrective actions associated with this limitation.
		50	11/01/07	CLR	41.70%	N	Y	UT-07-137 See PIP O-08-00738 for corrective actions associated with this limitation.
O3.B3.110.0002	3-PZR-WP34	50	11/01/07	CLR	46.10%	N	Υ	UT-07-133  See PIP O-08-00738 for corrective actions associated with this limitation.

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.B3.110.0002	3-PZR-WP34	50	11/01/07	CLR	46.10%	N	Υ	UT-07-138
								See PIP O-08-00738 for corrective actions associated with this limitation.
03.B3.110.0003	3-PZR-WP33-3	. 50	11/01/07	CLR	30.00%	N	Υ	UT-07-134
							•	See PIP O-08-00738 for corrective actions associated with this limitation.
		50	11/01/07	CLR	30.00%	N	Υ	UT-07-139
								See PIP O-08-00738 for corrective actions associated with this limitation.
3.B3.110.0004	3-PZR-WP33-2	50	11/01/07	CLR	30.00%	N	Υ	UT-07-135
								See PIP O-08-00738 for corrective actions associated with this limitation.
		50	11/01/07	CLR	30.00%	N	Υ	UT-07-140
								See PIP O-08-00738 for corrective actions associated with this limitation.
3.B3.110.0005	3-PZR-WP33-1	50	11/01/07	CLR	.30.00%	N	Υ	UT-07-136
								See PIP O-08-00738 for corrective actions associated with this limitation.
		. 50	11/01/07	CLR	30.00%	N	Y	· UT-07-141
								See PIP O-08-00738 for corrective actions associated with this limitation.
93.B3.120.0001	3-PZR-WP15	50	11/01/07	CLR	N	N	N	UT-07-145
03.B3.120.0002		50	11/01/07	CLR	N	N	N	UT-07-146
3.B3.120.0003	3-PZR-WP33-3	50	11/01/07	CLR	N	. N	N	UT-07-147
93.B3.120.0004	3-PZR-WP33-2	50	11/01/07	CLR	N	. N	N	UT-07-148

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment	
O3.B3.120.0005	3-PZR-WP33-1	50	11/01/07	CLR	N	N	N	UT-07-149	
O3.B7.50.0002	3-PZR-RC66-STUDS	50	10/28/07	CLR	N	N	N	VT-07-202	
O3.B7.50.0003	3-PZR-RC67-STUDS	50	10/28/07	CLR	N	N	N	VT-07-203	
O3.B7.50.0004	3-PZR-RC68-STUDS	50	10/28/07	CLR	Ν.	N	N	VT-07-204	
O3.B7.50.0005	3HP-241-3A1-FLG	50	11/01/07	CLR	N	N .	N	VT-07-263	
O3.B7.50.0006	3HP-240-3A2-FLG	50	11/01/07	CLR	N	N	N	VT-07-264	
O3.B7.50.0007	3HP-242-3B1-FLG	50	11/01/07	CLR	N	N	N	VT-07-265	
O3.B7.50.0008	3HP-252-3B2-FLG	50	11/01/07	CLR	N	N	N	VT-07-266	•
O3.B9.11.0006	3-PIA1-4	50	11/13/07	CLR	N	N	N	MT-07-036	,,,,,,,
		50	11/13/07	CLR	N	N	N	UT-07-195	
O3.B9.11.0007	3-PIA1-8	50	11/15/07	CLR	37.50%	N	Υ	UT-07-199	
								exam was perf	00738 for corrective actions associated with this limitation. This ormed during outage 1 (EOC22) and additional exams were ng outage 2 (EOC-23) to help justify the limitation.
	·	50	11/15/07	CLR		N	N	UT-07-203	
	·							the limited cove	effort exam of the upper 2/3 of the weld . This exam is to help justify erage achieved in outage 1(EOC-22). See PIP O-08-00738 for one associated with this limitation.
O3.B9.11.0008	3SGA-W3	50	11/07/07	CLR	N	N	N	MT-07-031	
Printed 2/20/200	08 2:40:01 PM lck8302 v. 01	/01/08	ances of the second second second	. N. 2470-1994 (1990) N. XV X AS (1990)		DQA Cat "	'C"		Oconee 3 2/20/2008 2:34:08 PM Page 3 of

	•						)	
Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.B9.11.0008	3SGA-W3	50	11/07/07	CLR	N	N	N	UT-07-150
O3.B9.11.0033	3-PSL-9	50	11/16/07	CLR	N .	N	N	PT-07-078
		50	11/16/07	CLR	N	Ν	N	UT-07-200
O3.B9.11.0035	3HP-241-3	51A	11/05/07	CLR	75.00%	. N	Υ	UT-07-126
	٠.							See PIP O-08-00738 for corrective actions associated with this limitation. This exam is from the forged valve side of the weld. This exam is to help justify the limited coverage achieved in outage 1(EOC-22).
O3.B9.11.0040	3-53A-15-47	53A	11/23/07	CLR	N	N	N	PT-07-095
		53A	11/23/07	CLR	N	N	N	UT-07-227
O3.B9.11.0041	3-53A-15-50	53A	11/23/07	CLR	N	N	N	PT-07-096
		53A	11/23/07	CLR	N	. N	N	UT-07-228
O3.B9.11.0052	3-PSP-2	. 50	11/02/07	CLR	N	N	N'	PT-07-062
		50	11/04/07	CLR	N	N	N	UT-07-125
O3.B9.11.0053	3-PIA1-5	50	11/13/07	CLR	N	N	N	MT-07-037
		50	11/13/07	CLR	N	N	N	UT-07-197
O3.B9.1 <sub>1</sub> 1.0054	3-PIA1-3	50	11/13/07	CLR	N	Ň	N	MT-07-038
		50	11/13/07	CLR	N	N	Ν	UT-07-198

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.B9.11.0055	3RC-283-7V	50	11/13/07	CLR	Ν	N	Ν	MT-07-039
		50	11/13/07	CLR	N	N	N	UT-07-196
O3.B9.11.0058	3-PIA2-3	50	11/07/07	CLR	N	N	N	MT-07-029
		50	11/07/07	CLR	N	N .	N	UT-07-151
O3.B9.11.0059	3RC-283-8V	50	11/07/07	CLR .	N	N	N	MT-07-030
		50	11/07/07	CLR	N	N	. N	UT-07-152
O3.B9.21.0006	3RC-259-5	50	11/02/07	CLR .	N	N	N	PT-07-063
O3.B9.21.0036	3HP-252-4A	51A	11/06/07	CLR	N	N	N	PT-07-068
O3.B9.21.0037	3HP-252-5	51A	11/06/07	CLR	N	N	N	PT-07-069
O3.B9.21.0039	3HP-241-15	51A	11/04/07	CLR	N	N	N	PT-07-066
O3.B9.21.0041	3HP-241-27	51A	11/04/07	CLR	N	N ·	N	PT-07-067
O3.B9.21.0042	3HP-241-28	51A	11/24/07	CLR	N	N	N	PT-07-100
O3.B9.21.0044	3RC-211-47	51A	11/02/07	CLR	N	N .	N	PT-07-064
O3.B9.21.0055	3RC-210-32	51A	11/02/07	CLR	N	N	N	PT-07-065
O3.B9.21.0057	3RC-213-27	51A	11/07/07	CLR	N	N	N	PT-07-071
				·,-		•		

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.B9.21.0058	3RC-213-28	51A	11/07/07	CLR	N	Ν	N	PT-07-072
O3.B9.31.0001	3-PHB-16	50	11/05/07	CLR	N	N	N·	MT-07-028
·		50	11/06/07	CLR	N	Ν	N	UT-07-144
O3.B9.32.0004	3-PDA1-10		11/02/07	CLR	N	N	N	MT-07-027
O3.B9.32.0009	3LP-135-1	53A	11/16/07	CLR	N	N	N	PT-07-079
O3.B9.40.0007	3HP-504-29	51A	11/24/07	CLR	N	N	N	PT-07-098
O3.C1.10.0003	3-LDFTRA-SH-FL	51B	11/27/07	CLR	N	N	N	PT-07-105
O3.C1.20.0003	3-LDFTRA-HD-SH-1	51B	11/27/07	CLR	N	N	N	PT-07-106
O3.C1.20.0004	3-LDFTRA-HD-SH-2	51B	11/27/07	CLR	N	N	N	PT-07-107
O3.C1.20.0005	3-LST-HD-SH-1	51A	11/29/07	CLR	N	N ·	N	UT-07-236
O3.C1.20.0006	3-LST-HD-SH-2	51A	11/29/07	CLR	80.26%	N	Υ	UT-07-237
								See PIP O-08-00738 for corrective actions associated with this limitation.
O3.C2.21.0001	3-SGA-W127	50	11/11/07	CLR	N	N .	N	MT-07-034
		50	11/13/07	CLR	N	Ν	Ν	UT-07-191
		50	11/13/07	CLR	N	N	N	UT-07-193

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.C2.21.0002	3-SGA-W128	50	11/11/07	CLR	N	Ν	N	MT-07-035
		50	11/13/07	CLR	N	N	N	UT-07-192
		50	11/13/07	CLR	N	N	N	.UT-07-194
O3.C3.10.0001	3-RCSR-COOLER-A	51A	11/30/07	CLR	N	N	N	PT-07-111
								This exam was for additional sample and does not count in the percentages for EOC-23
O3.C3.10.0003	3-LD-FTR-A	51A	11/27/07	CLR	N :	N	N	PT-07-108
O3.C3.10.0005	3-LS-TANK	51A	11/28/07	REP	N	N	N	PT-07-109
								PIP O-07-6988 was written to document the reportable indications. An additional sample examination was scheduled per Plan Addenda ONS3-058 and performed during EOC-23. The welds were repaired; therefore, successive examinations of the reportable indications are not required.
O3.C3.20.0001	3-01A-0-2480A-H1A	01A	11/11/07	CLR	N	N	N	PT-07-077
O3.C3.20.0007	3-03-0-2481A-H16A	03	11/23/07	CLR	N	N	N	PT-07-094
O3.C3.20.0019	3-53B-2-0-2435B-SR26	53B	08/06/07	CLR	N	N	N	PT-07-050
O3.C3.20.0023	3-53B-5-0-2444-H94	53B	08/08/07	CLR	N	N	N	PT-07-059
O3.C3.20.0028	3-54A-3-0-2439C-H5	54A	07/30/07	CLR	N	N	N	PT-07-047

-HPI-PU-A			Status	Limited	Ref	RFR	Comment
	51A	11/22/07	REP	N	Ν	. N	PT-07-093
							PIP O-07-6829 was written to document the reportable indication. An additional sample examination was scheduled per Plan Addenda ONS3-057 and performed during EOC-23. The weld was repaired; therefore, successive examinations of the reportable indication is not required.
-HPI-PU-B	51A	11/26/07	CLR	N	N	N	PT-07-104
							This exam was for additional sample and does not count in the percentages for EOC-23
LP-132-18	53A	11/10/07	CLR	N	N	N	PT-07-074
	53A	11/10/07	CLR	N	N	N	UT-07-181
LP-132-19	53A	11/10/07	CLR	N	N	N	PT-07-075
	53A	11/10/07	CLR	N	Ν	N	UT-07-182
LP-132-23	53A	11/10/07	CLR	N	N	N	PT-07-076
	53A	11/10/07	CLR	37.50%	N	Υ	UT-07-183
							See PIP O-08-00738 for corrective actions associated with this limitation.
LP-134-101	53A	07/30/07	CLR	N	N	N	PT-07-048
	53A	07/31/07	CLR	Ν	N	N	UT-07-106
LP-234-10	53A	11/20/07	CLR	N	N	N	PT-07-085
	53A	11/20/07	ĆLR	N	N	N	UT-07-208
LP-234-11	53A	11/20/07	CLR	N	N	N	PT-07-083
	P-132-18 P-132-19 P-132-23 P-134-101	P-132-18 53A	P-132-18 53A 11/10/07 53A 11/10/07 P-132-19 53A 11/10/07 53A 11/10/07 P-132-23 53A 11/10/07 53A 07/30/07 53A 07/31/07 P-234-10 53A 11/20/07	P-132-18 53A 11/10/07 CLR  53A 11/10/07 CLR  P-132-19 53A 11/10/07 CLR  53A 11/10/07 CLR  P-132-23 53A 11/10/07 CLR  53A 11/10/07 CLR  53A 07/30/07 CLR  P-134-101 53A 07/30/07 CLR  P-234-10 53A 11/20/07 CLR  53A 11/20/07 CLR	P-132-18	P-132-18	P-132-18

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.C5.11.0022	3LP-234-11	53A	11/20/07	CLR	N	Ν	N	UT-07-209
O3.C5.11.0023	3LP-234-12	53A	11/20/07	CLR	N	Ν	N	PT-07-084
		53A	11/20/07	CLR	N <sub>.</sub>	N	N	UT-07-210
O3.C5.11.0031	3-53A-17-9	53A	11/20/07	CLR	N	N	N	PT-07-086
		53A	11/20/07	CLR	N	N	N	UT-07-211
O3.C5.11.0032	3LP-221-27	53A	11/24/07	CLR	N ·	N	N	PT-07-101
	·	53A	11/26/07	CLR	75.00%	N	Υ.	UT-07-233
								See PIP O-08-00738 for corrective actions associated with this limitation.
O3.C5.11.0033	3LP-221-18	53A	11/24/07	CLR	N	N	N	PT-07-102
		53A	11/26/07	CLR	37.50%	N	Υ	UT-07-234
		•						See PIP O-08-00738 for corrective actions associated with this limitation.
O3.C5.11.0034	3LP-221-17	53A	11/24/07	CLR	N	N	N	PT-07-103
		53A	11/26/07	CLR	37.50%	N	Υ	UT-07-235
								See PIP O-08-00738 for corrective actions associated with this limitation.
O3.C5.11.0049	3LP-222-15	53A	11/19/07	CLR	N	N	N	PT-07-081
		53A	11/19/07	CLR	75.00%	Ν	Υ	UT-07-206
								See PIP O-08-00738 for corrective actions associated with this limitation.

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	R Comment
O3.C5.11.0050	3LP-222-16	53A	11/19/07	CLR	· N	N	Ν	PT-07-082
		53A	11/19/07	CLR	75.00%	Υ	Υ	UT-07-207
				•				See PIP O-08-00738 for corrective actions associated with this limitation. Indication # 1-60° was determined to be a geometric reflector.
O3.C5.11.0055	3LP-222-24	53A	11/20/07	CLR	N	N .	N	PT-07-087
		53A	11/20/07	CLR	N	N	N	UT-07-204
O3.C5.11.0056	3LP-222-25	53A	11/20/07	CLR	N	N	N	PT-07-088
		53A	11/20/07	CLR	. N	N	Ν	UT-07-205
O3.C5.11.0057	3LP-222-26	53A	11/20/07	CLR	N	N	N	PT-07-089
		53A	11/21/07	CLR	N	Ν	N	UT-07-212
O3.C5.11.0058	3LP-222-27	53A	11/20/07	CLR	N	N	N	PT-07-090
		53A	11/21/07	CLR	N	Ν	N	UT-07-213
O3.C5.11.0069	3LPS-736-1	14B	11/21/07	CLR	N	N	N	PT-07-091
		14B	11/21/07	CLR	N	N	N	UT-07-216
O3.C5.11.0070	3LPS-736-2	14B	11/21/07	CLR	N	N	N	PT-07-092
		14B	11/21/07	CLR	N	N	N	UT-07-217
O3.C5.21.0015	3-51A-50-36	51A	08/06/07	CLR	N	N	N	
				•				

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.C5.21.0015	3-51A-50-36	51A	08/07/07	CLR	N	Ν	N	UT-07-109
O3.C5.21.0018	3-51A-52-2A	51A	08/06/07	CLR	N	Ν	N	PT-07-051 ·
		51A	08/07/07	CLR	N	Ν	N	UT-07-112
O3.C5.21.0019	3-51A-52-29	51A	08/07/07	CLR	N	N	N	PT-07-058
		51A	08/07/07	CLR	83.90%	N	Υ	UT-07-111
								See PIP O-08-00738 for corrective actions associated with this limitation.
O3.C5.21.0032	3-51A-59-87	51A	07/31/07	CLR	N	N	N	PT-07-049
		51A	07/31/07	CLR	81.30%	Ν.	Υ	UT-07-107
								See PIP O-08-00738 for corrective actions associated with this limitation.
O3.C5.21.0051	3-51A-101-3	51A	08/06/07	CLR	N	Ν	. N	PT-07-052
		51A	08/07/07	CLR	N	Ν	N	UT-07-110
O3.C5.21.0058	3HP-501-23	51A	11/24/07	CLR	N	N	N	PT-07-099
		51A	11/26/07	CLR	84.20%	Ν	Υ	UT-07-232
•								See PIP O-08-00738 for corrective actions associated with this limitation.
O3.C5.21.0064	3-51A-67-2	51A	11/09/07	CLR	N	N	N	PT-07-073
		51A	11/09/07	CLR	N	Ν.	N .	UT-07-180
O3.C5.21.0069	3-51A-87-57	51A	11/23/07	CLR	N	N	. N	PT-07-097

			Im	lm	l			
Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.C5.21.0069	3-51A-87-57	51A	11/23/07	CLR	N	Ν	Ν	UT-07-231
O3.C5.30.0003	3-51B-36-68	51B	11/29/07	CLR	N	N /	N	PT-07-110
O3.C5.30.0006	3HP-436-16	51A	08/06/07	CLR	N	N	N	PT-07-053
O3.C5.30.0007	3HP-454-4	51B	08/06/07	CLR	N	N	N	PT-07-054
O3.C5.30.0008	3HP-454-5	51B	08/06/07	CLR	N	N	N	PT-07-055
O3.C5.30.0013	3HP-458-2	51B	08/06/07	CLR	N	N	N	PT-07-056
O3.C5.51.0012	3MS-137-19V	01A	11/08/07	CLR	N	N	N	MT-07-032
		01A	11/09/07	CLR	N	Ν	N	UT-07-178
O3.C5.51.0013	3MS-137-22V	01A	11/08/07	CLR	N	Ν	N	MT-07-033
		01A	11/09/07	CLR	N	N	N	UT-07-179
O3.C5.51.0036	3LPS-477-34A	14B	07/31/07	CLR	N	Ν	N	MT-07-022
		14B	07/31/07	CLR	N	N	N	UT-07-104
O3.C5.51.0042	3LPS-475-60	14B	07/30/07	CLR	Ν	N	N	MT-07-020
		14B	07/31/07	CLR	N	N	N	UT-07-105
O3.C5.51.0047	3CC-131-6	55	07/30/07	CLR	N	N	N	MT-07-021

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.C5.51.0047	3CC-131-6	55	11/18/07	· CLR	N	Υ	N	UT-07-201
		•		-				Indication # 1-60° and indication # 2-60°were determined to be a geometric reflectors.
O3.C5.51.0048	3MS-120-33	01A	11/17/07	CLR	N	N	N	MT-07-040
		01A	11/18/07	CLR	N	Υ	Ν	UT-07-202
•								Indication # 1-60° was determined to be a geometric reflector.
O3.C5.51.0049	3MS-117-36	01A	11/22/07	CLR	N .	. N	N .	MT-07-041
		01A	11/22/07	CLR	N	Ν	N	UT-07-225
D3.C5.51.0520	3-14B-116-41	14B	, 08/03/07	CLR	N	N	N	MT-07-023
	,	14B	08/03/07	CLR	N	Ν	N	UT-07-108
D3.D1.10.0006	3-DHRC-A	53	01/29/07	CLR	N	N	N	VT-07-297
D3.D1.10.0007	3-LPSW-STR-A	14B	04/05/07	CLR	N	N	N	VT-07-298
D3.D1.10.0008	3-MCD-C	07A	04/26/07	CLR	N	Ν	N	VT-07-299
D3.D1.10.0009	3-UST-A	07A	04/05/07	CLR	· N	N	N	VT-07-300
D3.D1.10.0010	3-UST-DOME	07A	01/25/07	CLR	N	N	N	VT-07-301
D3.D1.10.0011	1-GOV-OIL-PRES-TK	WL	02/06/07	REC	80.00%	N	Υ	VT-07-233
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.  See PIP O-07-00631 for corrective actions associated with this limitation.

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.D1.10.0012	2-GOV-OIL-PRES-TK	WL	02/06/07	REC	. 80.00%	N	Υ	VT-07-234
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.  See PIP O-07-00631 for corrective actions associated with this limitation.
D3.D1.20.0002	3-02A-0-2403A-H4	02A	08/08/07	CLR	N	N	N	VT-07-302
O3.D1.20.0020	3-14B-6-0-2438B-SR9	14B	08/16/07	CLR	N	N	N	VT-07-271
O3.D1.20.0023	3-14B-1-0-2437A-SR108	14B	08/09/07	REC	N	N	N	VT-07-235
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. PIP O-07-04413 was written to document the discrepancy.
O3.D1.20.0024	3-14B-1-0-2439B-H23	14B	11/22/07	CLR	N	N <sub>.</sub>	N	VT-07-280
O3.D1.20.0028	1-WL-100A-K0003	WL	08/15/07	CLR	N	N	N	VT-07-272
O3.D1.20.0211	3-13-0-345-PS1-A	13	11/07/06	REC	N .	N	N	VT-07-261
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 00910733 was written to correct problems.
O3.D1.30.0001	3-CCWP-A	13	11/07/06	REC	N	N	N	VT-07-262
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.10.0008	3-53A-0-2479A-H23C	53A	10/31/07	REC	N	N	N	VT-07-237
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.F1.11.0003	3-51A-0-2478A-H3C	51A	12/13/07	REC	N	Ν	N	VT-07-315
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.11.0007	3-53A-0-2481A-H28C	53A	10/31/07	CLR	N	N	N	VT-07-230
O3.F1.12.0007	3-53A-0-2479A-H1A	53A	11/02/07	CLR	N	N	N	. VT-07-276
O3.F1.20.0008	3-03-0-2479A-H1B	03	10/29/07	CLR	N	N	N	VT-07-232
O3:F1.20.0025	3-51B-1-0-2436G-H103	51B	11/30/07	CLR	N	N	N	VT-07-291
O3.F1.20.0028	3-51A-3-0-2438A-H500	51A	08/09/07	CLR	N	N	N	VT-07-159
O3.F1.20.0029	3-51B-2436G-DE072	51B	11/30/07	REC	N	N	N	VT-07-292
				<i>:</i>			Z	The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.20.0034	3-51B-3-0-2436G-H58	51B	11/30/07	CLR	N	N	N	VT-07-293
O3.F1.20.0035	3-53B-2-0-2436C-H141	53B	07/31/07	CLR	N	N	N	VT-07-312
O3.F1.20.0036	3-53B-2-0-2436C-H144	53B	07/31/07	CLR	N .	, N	N	. VT-07-303
O3.F1.20.0038	3-53B-2-0-2435B-H29	53B	07/31/07	CLR	N	N	N	VT-07-304
O3.F1.20.0040	3-53B-2-0-2435B-H21	53B	08/09/07	CLR	N	N	N	VT-07-160
O3.F1.20.0045	3-53B-5-0-2435B-SR34	53B	08/09/07	CLR	N	N	N	VT-07-161

4					•		<b>\</b>	
Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.F1.20.0046	3-53B-5-0-2444-H94	53B	08/09/07	CLR	Ν .	N	N	VT-07-162
O3.F1.20.0054	3-54A-3-0-2436D-H47	54A	07/31/07	CLR	N	N	N	VT-07-305
O3.F1.20.0059	3-54A-3-0-2439C-H5	54A	07/31/07	REC	N	N	N	VT-07-238
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.20.0302	3-03A-2439A-LDD-3001	03A	07/31/07	CLR	N	N	N	VT-07-306
O3.F1.21.0003	3-03-0-2481A-H16A	03	10/31/07	REC	N	N	N	VT-07-239
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.21.0004	3-03A-1-0-2439A-NPS-H3	03A	07/31/07	REC	N	N	N	VT-07-240
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.21.0005	3-14B-0-2439A-DE082	14B	08/16/07	CLR	N	N ·	N	VT-07-163
O3.F1.21.0028	3-51B-2436G-DE005	51B	11/30/07	REC	N	N	N	VT-07-294
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.21.0035	3-53B-2-0-2435B-SR26	53B	08/09/07	CLR	N .	N	N	VT-07-164
O3.F1.21.0038	3-54A-3-0-2436D-H48	54A	08/09/07	REC	N	N	N	VT-07-241
·	-							The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.22.0003	3-01A-0-2481A-H9B	01A	10/29/07	CLR	N	N	N	VT-07-231
Printed 2/20/200	18 2:40:01 PM lck8302 v. 01/0	1/08	gar agres e e sur suga <b>conquestado agres 19000</b> , d	00000000000000000000000000000000000000	si	OQA Cat "	'C" .	Oconee 3 2/20/2008 2:34:08 PM Page 16 of 3

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.F1.22.0005	3-01A-0-2401B-H5	01A	11/01/07	REC	N	N	N	VT-07-267
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
03.F1.22.0009	3-01A-0-2480A-H1A	01A	10/31/07	REC	N	N	N	VT-07-242
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.22.0011	3-03A-0-2480A-H1B	03A	11/15/07	REC	N	N .	N	VT-07-281
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.22.0012	3-51A-6-0-2435D-H128	51A	08/09/07	REC	N	N	N	VT-07-243
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D3.F1.22.0015	3-53B-5-0-2444-H19	53B	08/16/07	REC	N	N	N	VT-07-244
	·							The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D3.F1.22.0020	3-53B-5-0-2435B-H12	53B	08/09/07	CLR	N	N	N	VT-07-165
O3.F1.30.0003	3-02A-0-2403A-H4	02A	08/08/07	CLR	N	N	N	VT-07-307
O3.F1.30.0008	3-03A-2401A-DE010	03A	08/08/07	CLR	N	N	N	VT-07-308
O3.F1.30.0033	3-07A-6-0-2400A-H81	. 07A	08/16/07	REC	N	N	N	VT-07-245
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.30.0050	1-WL-100A-K0003	WL	08/15/07	CLR	N	N	N	VT-07-166
Printed 2/20/200	08 2:40:01 PM lck8302 v. 01/0	01/08		57 v. 4. 000000000000000000000000000000000		DQA Cat	"C"	Oconee 3 2/20/2008 2:34:08 PM

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.F1.30.0052	2-WL-100A-K0024	WL	08/16/07	CLR	N	N	N	VT-07-167
O3.F1.30.0419	3-13-0-345-PS1-A	13	11/07/06	REC	N	N	N	VT-07-246
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order 00910733 was written to correct problems.
O3.F1.31.0006	3-03A-1-0-2400A-H209	03A	08/23/07	REC	N	N	N	VT-07-247
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.31.0007	3-03A-1-0-2439B-H9	03A	08/16/07	REC	N	N	N	VT-07-248
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.31.0011	3-04A-2-0-2439B-H20	04A	08/09/07	CLR	N	N	N	VT-07-168
O3.F1.31.0013	3-07A-4-0-2402A-SR15	07A	08/08/07	CLR	N	N	N	VT-07-309
O3.F1.31.0018	3-14B-6-0-2438B-SR9	148	08/16/07	CLR	N -	N	N	VT-07-169
O3.F1.31.0020	3-14B-6-0-2437A-SR11	148	08/09/07	CLR	N	N	N	VT-07-170
O3.F1.31.0021	3-56-4-0-2438B-SR2	56	08/16/07	REC	N	N	N	VT-07-249
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.32.0008	3-03A-1-0-2402A-H36	03A	08/16/07	REC	N	N	N	VT-07-250
		,						The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
D3.F1.32.0011	3-03A-1-0-2400A-H32	03A	08/16/07	REC	N	N	N	VT-07-251
			(					The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.40.0008	3-EFDW-PT	03A	08/08/07	CLR	N	N	N	VT-07-310
O3.F1.40.0014	3-LD-FTR-A	51A	11/21/07	REC	N	N	N	VT-07-282
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.40.0017	3-MCD-C	07A	04/26/07	CLR	N	N	N	VT-07-311
O3.F1.40.0018	3-UST-A	07A	04/05/07	REC	N	N	N	VT-07-252
			-					The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.40.0021	1-GOV-OIL-PRES-TK	WL	02/06/07	REC	80.00%	N	Υ	VT-07-253
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. See PIP O-07-00631 for corrective actions associated with this limitation.
O3.F1.40.0023	2-GOV-OIL-PRES-TK	WL	02/06/07	REC	80.00%	N	Υ	VT-07-254
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.  See PIP O-07-00631 for corrective actions associated with this limitation.
O3.F1.40.0027	3-LS-TANK	51A	11/30/07	REC	N	N	N	VT-07-295
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.40.0029	3-RCP-SEAL-FTR-A	51A	11/13/07	REC	N	N .	N	VT-07-283
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
Printed 2/20/2008 2:40:01 PM lck8302 v. 01/01/08						DQA Cat	"C"	Oconee 3 2/20/2008 2:34:08 PM Page 19

Summary No	Summary No Component ID		Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.F1.40.0030	3-HPI-PU-A	51A	11/13/07	CLR	N	Ν	Ν	VT-07-279
O3.F1.40.0037	.F1.40.0037 3-UST-DOME 07A 01/25/07 REC N N N VT-07-255					VT-07-255		
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.40.0076	1-GOV-TANK	WL	02/06/07	REC	60.00%	N	Y	VT-07-256
					٠			The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.  See PIP O-07-00631 for corrective actions associated with this limitation.
O3.F1.40.0077	2-GOV-TANK	WL	02/06/07	REC	60.00%	N	Υ	VT-07-257
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.  See PIP O-07-00631 for corrective actions associated with this limitation.
O3.F1.40.0078	1-GOV-OIL-ST	WL	02/06/07	REC	05.00%	N	Υ	VT-07-258
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.  See PIP O-07-00631 for corrective actions associated with this limitation
O3.F1.40.0079	2-GOV-OIL-ST	WL	02/06/07	REC	05.00%	N	Υ	VT-07-259
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.  See PIP O-07-00631 for corrective actions associated with this limitation.
O3.F1.40.0080	3-CCWP-A	. 13	11/07/06	REC	N	N	N	VT-07-260
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.F1.40.0085	3-SGA-LATERAL	50	11/21/07	REC	N	N	N	VT-07-284
							J	The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order 942697 was written to help refine the assessment of gaps at the upper lateral restraints.
Printed 2/20/2008 2:40:01 PM lck8302 v. 01/01/08						DQA Cat '	'C"	Oconee 3 2/20/2008 2:34:08 PM

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.G1.1.0001	3-RCP-3A1	50	11/05/07	CLR	N .	N	N	UT-07-173
O3.G1.1.0002	3-RCP-3A2	50	07/18/07	CLR	N	N-	N	MT-N/A
		50	07/18/07	CLR	N	N	N	UT-N/A
O3.G1.1.0003	3-RCP-3B1	50	11/05/07	CLR	N	N	N	UT-07-174
O3.G1.1.0004	3-RCP-3B2	50	11/05/07	CLR	N	N	N	UT-07-175
O3.G11.1.0002	3-RPV-HEAD-PEN	50	11/13/07	REP	. N	N	N	VT-07-273
								Evidence of leakage was detected during this examination. PIP O-07-06620 was written to document the leakage found during this examination.
O3.G12.1.0005	3-PDB1-11	51A	11/07/07	CLR	N	N	N	UT-07-154
O3.G12.1.0006	3-PDB2-11	51A	11/07/07	CLR	N	Ν .	N	UT-07-155
O3.G13.1.0001	3-PZR-WP45	50	10/29/07	CLR	N	N	N	VT-07-171
O3.G13.1.0002	3-PSP-1	50	10/29/07	CLR	N	N	N	VT-07-172
O3.G13.1.0003	3-PZR-WP23	50	10/29/07	CLR	N	N	. N	VT-07-173
O3.G13.1.0004	3-PZR-WP91-1	50	10/29/07	CLR	N	N	Ν	VT-07-174
O3.G13.1.0005	3-PZR-WP91-2	50	10/29/07	CLR	N	N	N	VT-07-175
O3.G13.1.0006	3-PZR-WP91-3	50	10/29/07	CLR	N	N	N	VT-07-176
	08 2:40:01 PM lok8302 v 0		H.M.COOLASSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKESSOCKES	tti patone independua viti merocimi				Occasio 2 2/20/2009 2:24:09 DM

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment			
O3.G13.1.0007	3-PHA-17	50	11/12/07	CLR	. N	N	N	VT-07-274			
O3.G13.1.0008	3-53A-18-11	53A	11/12/07	CLR	N	N	N	VT-07-275			
O3.G13.1.0009	3-PHB-17	50	10/29/07	CLR	N	N	N	VT-07-177			
O3.G13.1.0010	3-PSL-10	50	10/29/07	CLR	N	N	N	VT-07-178			
O3.G13.1.0011	3-PZR-WP63-1	50	10/29/07	CLR	N	N	N	VT-07-205			
O3.G13.1.0012	3RC-272-9	50	10/29/07	CLR	N	N	N	VT-07-206			
O3.G13.1.0013	3-PZR-WP63-2	50	1,0/29/07	CLR	N	N	N	VT-07-207			
O3.G13.1.0014	3RC-272-11	50	10/29/07	CLR	N	N	N	VT-07-208			
O3.G13.1.0015	3-PZR-WP63-3	50	10/29/07	CLR	N	· N	` N	VT-07-209	•		
O3.G13.1.0016	3RC-272-7	. 50	10/29/07	CLR	N	N	N	VT-07-210	•		
O3.G13.1.0023	3-PZR-WP63-7	. 50	10/29/07	CLR	N	N	N	VT-07-211			
O3.G13.1.0024	3RC-243-5	50	10/29/07	CLR	N	N	N	VT-07-212			
O3.G13.1.0026	3RC-287-6	50	10/27/07	CLR	N	N	N	VT-07-179			
O3.G13.1.0027	3RC-287-7	50	10/27/07	CLR	N	N	N	VT-07-180			
									<u>.</u>		

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment	
O3.G13.1.0028	3RC-286-14	50	10/27/07	CLR	Ν	Ν	N	VT-07-181	
O3.G13.1.0029	3RC-286-15	50	10/27/07	CLR	N	N	N	VT-07-182	
O3.G13.1.0030	3RC-287-3	50	10/27/07	CLR	N	N	N	VT-07-183	
O3.G13.1.0031	3RC-287-63V	50	10/27/07	CLR	N	N	N	VT-07-184	
O3.G13.1.0032	3RC-286-11	50	10/27/07	CLR	N	N	N	VT-07-185	
O3.G13.1.0033	3RC-286-58V	50	10/27/07	CLR	N	N	N	VT-07-186	
O3.G13.2.0003	3-PIB1-10	50	10/28/07	CLR	N	N	N	VT-07-221	
O3.G13.2.0004	3RC-265-79	51A	10/28/07	CLR	N	N	N	VT-07-222	
O3.G13.2.0005	3-PIA1-7	50	10/29/07	CLR	N	N	N	VT-07-187	
O3.G13.2.0006	3-PIA2-7	50	10/29/07	CLR	N	N	N	VT-07-188	
O3.G13.2.0007	3-PIB1-7	50	10/28/07	CLR	N	·N	N	VT-07-223	
O3.G13.2.0008	3-PIB2-7	50	10/28/07	CLR	N	N	N	VT-07-226	
O3.G13.2.0009	3-PDA1-2	50	10/29/07	CLR	N	N	N	VT-07-189	
O3.G13.2.0010	3-PDA2-2	50	10/29/07	CLR	N	N		VT-07-190	

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment	
O3.G13.2.0011	3-PDB1-2	50	10/28/07	CLR	N	Ν	N	VT-07-314	
O3.G13.2.0012	3-PDB2-2	50	10/29/07	CLR	N	N	N	VT-07-313	
O3.G13.2.0015	3B1-CON-2&3	50	10/28/07	CLR	N	N	N	VT-07-224	
O3.G13.2.0016	3B2-CON-6&7	50	10/28/07	CLR	N	N	N	VT-07-227	
O3.G13.2.0017	3-PIA1-10	50	10/29/07	CLR	N	N .	N	VT-07-191	
O3.G13.2.0018	3-50-21-23	50	10/29/07	CLR	N	N	N	VT-07-192	
O3.G13.2.0019	3-PIA2-10	50	10/29/07	CLR	N	Ν̈́	N	VT-07-193	
O3.G13.2.0020	3-50-21-1	50	10/29/07	CLR	N	Ν	N	VT-07-194	
O3.G13.2.0021	3-PIB2-10	50	10/28/07	CLR	N	Ν	N	VT-07-228	
O3.G13.2.0022	3-50-20-9	50	10/28/07	CLR	N	N	N	VT-07-229	
O3.G13.2.0023	3-50-37-1 ·	50	10/28/07	CLR	N	N	N	VT-07-225	,
O3.G14.1.0001	3-PZR-THERM	50	10/29/07	CLR	N	N	N	VT-07-195	
O3.G14.1.0002	3-PZR-WP45	50	10/29/07	CLR	N .	N	N	VT-07-196	
O3.G14.1.0003	3-PSP-1	50	10/29/07	CLR	N	N	N	VT-07-197	

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.G14.1.0004	3-PZR-WP23	50	10/29/07	CLR	N .	N	Ν	VT-07-198 .
O3.G14.1.0005	3-PZR-WP91-1	. 50	10/29/07	CLR	N	N	N	VT-07-199
O3.G14.1.0006	3-PZR-WP91-2	50	10/29/07	CLR	N	N	N	VT-07-200
O3.G14.1.0007	3-PZR-WP91-3	50	10/29/07	CLR	N	N	N	VT-07-201
O3.G14.1.0008	3-PZR-WP63-1	50	10/29/07	CLR	N	N	N	VT-07-213
O3.G14.1.0009	3RC-272-9	50	10/29/07	CLR	N .	N	N	VT-07-214
O3.G14.1.0010	3-PZR-WP63-2		10/29/07	CLR	•			VT-07-215
O3.G14.1.0011	3RC-272-11	50	10/29/07	CLR	N -	N	N	VT-07-216
O3.G14.1.0012	3-PZR-WP63-3	50	10/29/07	CLR	N	N	N	VT-07-217
O3.G14.1.0013	3RC-272-7	50	10/29/07	CLR	N	N	. N	VT-07-218
O3.G14.1.0020	3-PZR-WP63-7	50	10/29/07	CLR	N	N	N	VT-07-219
O3.G14.1.0021	3RC-243-5	50	10/29/07	CLR	N	N	N	VT-07-220
O3.G2.1.0005	3-PDB2-46	51A	11/06/07	CLR	N	N	N	UT-07-142
O3.G2.1.0006	3-PDA1-46	51A	11/03/07	CLR	N	N	N	UT-07-113

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment				
O3.G2.1.0007	3-PDB1-46	51A	11/06/07	CLR	Ν	Ν	N	UT-07-143				
O3.G2.1.0008	3-PDA2-46	, 51A	11/03/07	CLR	N	N	N	UT-07-114			 	
O3.G2.1.0009	3-PDB1-11	51A	11/07/07	CLR	N	N	N	UT-07-153				
		51A	11/07/07	CLR	N	N	Ν	UT-07-157				
O3.G2.1.0010	3RC-211-70	51A	11/03/07	CLR	N	N	N	UT-07-117		-		
•		51Å	11/02/07	CLR	N	Ν	N	UT-07-123				
O3.G2.1.0011	3-PDB2-11	51A	11/07/07	CLR	N	N	N	UT-07-156				
		51A	11/07/07	CLR	Ν	N	N	UT-07-158				
O3.G2.1.0012	3RC-210-43	51A	11/03/07	CLR	N	N	N	UT-07-118				
		51A	11/02/07	CLR	N	N	N	UT-07-121				
O3.G2.1.0013	3-PDB2-47	· 51A	11/07/07	CLR	N	N	N	UT-07-159			-	
O3.G2.1.0014	3-PDA2-47	51A	11/02/07	CLR	N	N	N	UT-07-122				
O3.G2.1.0015	3-PDB1-47	51A	11/07/07	CLR ·	N ·	N .	. N	UT-07-160				
O3.G2.1.0016	3-PDA1-47	51A	11/02/07	CLR	N	N	N	UT-07-124	-	<del></del>		
O3.G2.1.0017	3RC-211-71	51A	11/21/07	CLR	N	N	N	UT-07-230			 	

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.G2.1.0018	3RC-212-52	51A	11/08/07	CLR	Ν	N	N	UT-07-166
O3.G2.1.0019	3RC-213-26	51A	11/08/07	CLR	N ·	N .	N	UT-07-176
O3.G2.1.0020	3RC-210-44	51A	11/08/07	CLR	N .	N	N	UT-07-224
O3.G2.1.0021	3RC-212-43C	51A	11/08/07	CLR	N .	N .	N	UT-07-167
O3.G2.1.0022	3RC-212-45		11/08/07	CLR	N	N	N	UT-07-168
O3.G2.1.0023	3RC-210-31	51A	11/21/07	CLR	N	N	N	UT-07-218
O3.G2.1.0024	3RC-213-27	51A	.11/08/07	CLR	N	N	N ·	UT-07-177
O3.G2.1.0025	3RC-211-54	51A	11/21/07	CLR	N	N	N	UT-07-229
O3.G2.1.0026	3A1-THERM SLEEVE	51A	11/21/07	CLR	. N	N	N	RT-N/A
								PIP O-07-6780 was written to document the thermal sleeve gaps which will be used as a baseline when the exams are performed in the future.
O3.G2.1.0027	3B2-THERM SLEEVE	51A	11/05/07	CLR	N	N	N	RT-N/A
O3.G2.1.0028	3B1-THERM SLEEVE		11/06/07	CLR	N	N	N	RT-N/A
O3.G2.1.0029	3A2-THERM SLEEVE	51A	11/21/07	CLR	N	N	N	RT-N/A
								PIP O-07-6780 was written to document the thermal sleeve gaps which will be used as a baseline when the exams are performed in the future.

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment			
O3.G4.1.0001	3RC-212-45	51A	11/08/07	CLR	N	Ν	- N	UT-07-169			
O3.G4.1.0002	3RC-212-43C	51A	11/08/07	CLR	Ν	N	N	UT-07-170			
O3.G4.1.0003	3RC-212-52	51A	11/08/07	CLR	N <sub>2</sub>	N	N	UT-07-171			
O3.G4.1.0004	3RC-213-27	51A	11/08/07	CLR	N	N	N	UT-07-161			
O3.G4.1.0005	3RC-213-26	51A	11/08/07	CLR	N	N	N	UT-07-162			
O3.G4.1.0006	3HP-242-39	51A	11/12/07	CLR	N	N	N	UT-07-184			
O3.G4.1.0007	3HP-242-40	51A	11/12/07	CLR	N	N	Ν	UT-07-185			
O3.G4.1.0008	3HP-242-46	51A	11/12/07	CLR	N	N	N	UT-07-186			
O3.G4.1.0009	3HP-243-19A	51A	11/12/07	CLR	N	N	N	UT-07-187			
O3.G4.1.0010	3HP-243-23	51A	11/12/07	CLR	N	N	N	UT-07-188			
O3.G4.1.0011	3HP-243-22	51A	11/12/07	CLR	N	N .	N	UT-07-189		,	
O3.G4.1.0012	3RC-210-32	51A	11/19/07	CLR	96.00%	N	N	RT-N/A			
		51A	11/21/07	CLR	N	N	Ν	UT-07-219			
O3.G4.1.0013	3RC-211-47	51A	11/13/07	CLR	96.50%	N	N	RT-N/A			
		51A	11/21/07	CLR	N	N	N	UT-07-214	<u> </u>		

O3.G4.1.0014 3RC-21  O3.G4.1.0015 3RC-21  O3.G4.1.0016 3HP-24  O3.G4.1.0017 3HP-24	3-28 51A	11/05/07 11/08/07 11/06/07	CLR CLR	97.60% N	· N	N N	RT-N/A UT-07-172				
O3.G4.1.0015 3RC-21  O3.G4.1.0016 3HP-24	3-28 51A		-	N	N	N	UT-07-172				
O3.G4.1.0016 3HP-24		11/06/07	CLR								
O3.G4.1.0017 3HP-24	51 A			97.00%	N	N	RT-N/A				
O3.G4.1.0017 3HP-24		11/08/07	CLR	Ν	N	N	UT-07-165				
	0-19 51A	11/21/07	CLR	N	N	N	UT-07-220				
O3.G4.1.0018 3HP-24	0-21 <u>.</u> 51A	11/21/07	CLR	N	Ν	N	UT-07-221				
	0-32 51A	11/21/07	CLR	N	N	N	UT-07-222				
O3.G4.1.0019 3HP-24	1-32 51A	11/04/07	CLR	N	N	N	UT-07-127				
O3.G4.1.0020 3HP-24	1-33 51A	11/04/07	CLR	N	N	N	UT-07-128				
O3.G4.1.0021 3HP-24	1-48 51A	11/04/07	CLR	N ·	N	N	UT-07-129	•		٠.	
O3.G4.1.0022 3HP-24	1-43 51A	11/04/07	CLR	N	N	N	UT-07-130				
O3.G4.1.0023 3HP-24	3-21 51A	11/12/07	CLR	Ν	N	N	UT-07-190				
O3.G4.1.0024 3RC-21	0-44 51A	11/02/07	CLR	· N	N	N	UT-07-119		,		 
O3.G4.1.0025 3RC-21	0-31 51A	11/21/07	CLR	N	N	N	UT-07-223				
O3.G4.1.0026 3RC-21											

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.G4.1.0027	3RC-211-71	51A	11/02/07	CLR	. N	N .	N	UT-07-120
O3.G4.1.0029	3HP-241-49	51A	11/04/07	CLR	Ν .	N	N	UT-07-131
O3.H4.1.0024	3-01A-0-2441-H3	01A	11/11/07	REC	N	N	N	VT-07-285
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.H4.1.0025	3-01A-0-2441-R2	01A	11/23/07	CLR	N	N	N	MT-07-042
		01A	11/23/07	REC	N	N	N	VT-07-289
					•			The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D3.H4.1.0026	3-01A-0-2441-H4	01A	11/11/07	REC	N	N	N·	VT-07-286
	,				• .			The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
)3.H4.1.0027	3-01A-0-2441-R4	01A	11/03/07	CLR	· N	N	N	MT-07-024
		· 01A	11/01/07	REC	Ν	N	N	VT-07-268
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.H4.1.0028	3-01A-0-2401B-H5	01A	11/03/07	CLR	N	N	N	MT-07-025
		01A	11/01/07	REC	N	N	N	VT-07-269
		٠.				L		The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O3.H4.1.0029	3-01A-0-2401B-H6	01A	11/01/07	REC	N	N	N	VT-07-270
·						-		The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 942660 was written to correct problems.
O3.H4.1.0030	3-01A-0-2401B-H7	01A	11/09/07	REC	N	N	N	VT-07-287
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.H4.1.0031	3-01A-0-2401B-H8	01A	11/09/07	REC	N	N	N	VT-07-288
						•	•	The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.H4.1.0032	3-01A-0-2401B-R5	01A	11/09/07	REC	N	N	N	VT-07-290
								The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
O3.H4.1.0047	3-01A-0-2401B-R13	01A	11/03/07	CLR		N	Ν	MT-07-026
								100% of the welded attachment was not examined but is acceptable per IWC-2500-5 which allows you to examine only the accessible areas without removal of support members.

#### 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 8 work orders for Category 1 repair and replacement documentation for this reporting period. Work Orders 98731109, 98731110, 98731111, 98782999-25, 98762999-10, 98762999-11, 98762999-12, and 98771071-36 had work completed prior to 6-2-2006 and copies of the NIS-2 forms are included in this report. PIP O-06-4850 was written at the end of the Unit 3 EOC-22 refueling outage to document the late submittal for the NIS-2 forms.

Category 2 had 54 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.

There were no Category 3 items during this reporting period.

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

#### 5.1 Class 1 and 2 Preservice Examinations

As required by the applicable code, Preservice Inspection (PSI) Examinations were performed on ISI Class 1 and ISI Class 2 items during this report period. There is a list for PSI exams that were performed and the list is located behind the NIS-2 forms in this section. The list has one page and is entitled "Preservice Examinations of Class 1 & 2 Welds". PSI examination data for items on the list previously mentioned is on file in the Oconee Nuclear Station QA Vault.

Form NIS-2 Owner's Report for Repair/Replacement Activity
As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1785659 1 of 2 2. Plant Unit 1. Owner

	ver Company  Church Street		Oconee Nu 7800 Roche	·	ONS - 3		
2	, NC 28201-1006		Seneca, SC	*		<b>Date</b> 12/	1/2007
3. Work Performe	d by			Type Code Sym		pplicable	
	wer Company h Church Street.			Authorization N		pplicable	
Charlotte	, NC 28201-1006	5		Expiration Date		pplicable	
4. Identification of	f System, ASME C		LPI, ASME Class	2	,		
5. (a) Applicable Cons (b) Applicable Editi (c) Applicable Sect	on Section XI Utilize	ed For R/R Activity		Edition, No Edition, 2000	Addeno	·	Code Case
6. Identification of Name of Component	f Components  Name of  Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
53B-5-O-2439B- H57, Hanger	D.E.C	NONE	NONE	NONE	1973	Corrected	NO
·							
	·						
							1,004
			·				
						·	
7. Description of Leplaced							
8. Test Conduct	_	tic Nominal	Operating Pressure Test Temp	Exempt [	Other _	•	
C			<u> </u>			•	

## Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI

As required by the provisions of the Asiviz Code Section A	Work Order Number	Sheet
	1785659	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
<b>9</b> 10   D.   D.   005   1/mg// 1000   144   D.     005   1		
<b>1</b> 0" DIA. Fig. 295. UTC# 1822444, PN# 295N		
<b>2</b>		1
8		
•		
6		
<b>6</b>		
•		
<b>③</b>		
9		
_		
•		
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp	Not Applicable	
Certificate of Authorization Number Not Applicable	Expiration Date Not A	Applicable
Signed MCF Engineer	Date12/01/20	07
Owner or Owner's Designee, Title		·
CERTIFICATE OF INSERVI  I, the undersigned, holding a valid commission issued by the		ire Vessel
Inspectors and the State or Province of North CAROLINA of Hartford, Connecticut		HSB CT
in this Owner's Report during the period //-29-07	to 12-2-07	, and state that
to the best of my knowledge and belief, the Owner has perdescribed in this Owner's Report in accordance with the requirem By signing this certificate neither the Inspector nor his econcerning the examinations and corrective measures describinspector nor his employer shall be liable in any manner for an kind arising from or connected with this inspection.	nents of the ASME Code, Section XI mployer makes any warranty, exp ed in this Owner's Report. Furthe	ressed or implied, ermore, neither the
Commissions	NC1444 WIABC	•
Inspector's Signature	National Board, State, Province, a	nd Endorsements
Date 12-2-07		•

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01682455-01 2. Plant 1. Owner Unit ONS - 3 Duke Power Company Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 11/29/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class High Pressure Injection, ASME Class 2 5. (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition, No **Code Case** Addenda, No (b) Applicable Edition Section XI Utilized For R/R Activity 2000 98 Edition, 19 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Manufacturer Other Name of National Year Corrected, **ASME** Manufacturer Component Serial Number Board No. Identification Built Removed, Code & or Installed Stamped (Yes / No) 3HP-107 NO Crane. n/a n/a n/a unk Corrected 7. Description of Work Body to bonnet studs and nuts were replaced due to not being marked. 8. Test Conducted Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Visual

**Test Temperature** 

۰F

Pressure

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

As required by the provisions of the ASME Code Section XI	<u> </u>	
	Work Order Number	Sheet
	01682455-01	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
● Bonnet studs, 5/8", SA193, GR B8M, Catalog ID: 452510, UTC #:	1892909	4
② Bonnet nuts, 5/8", SA194, GR 8, Catalog ID: 131713, UTC #: 1899	042	-
€		
0		
<u> </u>	· · · · · · · · · · · · · · · · · · ·	
<u> </u>		
0		
8		
•	•	
•		w.
I certify that the statements made in the report are correct ar ASME Code, Section XI.  Type Code Symbol Stamp		ments of the
Certificate of Authorization Number Not Applicable	Expiration Date Not	Applicable
Signed ,Sr. Engin	The second second second	
CERTIFICATE OF INSERV	CE INSPECTION	
I, the undersigned, holding a valid commission issued by the Inspectors and the State or Province of North Carolina of Hartford, Connecticut in this Owner's Report during the period 11-21-07 to the best of my knowledge and belief, the Owner has per	and employed by have inspected the con to /-29-a/ formed examinations and taken of	HSB CT mponents described , and state that corrective measures
described in this Owner's Report in accordance with the requirer By signing this certificate neither the Inspector nor his e concerning the examinations and corrective measures describ Inspector nor his employer shall be liable in any manner for an kind arising from or connected with this inspection.	mployer makes any warranty, ex ed in this Owner's Report. Furth	pressed or implied, nermore, neither the
Inspector's Signature Commissions	National Board, State, Province,	and Endorsements
Date 1.29-08		

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

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01736944 1 of 2 2. Plant Unit 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Charlotte, NC 28201-1006 Seneca, SC 29672 3/8/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class LPI, ASME Class 2 5. (a) Applicable Construction Code: USAS B31.1 19 67 Edition, No Addenda. Code Case (b) Applicable Edition Section XI Utilized For R/R Activity Edition, 2000 Addenda. (c) Applicable Section Xi Code Case(s) None 6. Identification of Components Manufacturer **National** Other Name of Name of Year Corrected. ASME Identification Manufacturer Serial Number Board No. Component Built Removed, Code or installed Stamped ` (Yes / No) 1.) 3-53B-5-0-**DPCo** None None None UNK Corrected NO 2436D-H92 7. Description of Work OE300468; Modify S/R 3-53B-5-0-2436D-H92 by replacing channels with tube steel to replace bent rod. 8. Test Conducted Nominal Operating Pressure Exempt Other Hydrostatic Pneumatic Pressure Test Temperature

### Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) • Replace existing channels with tube steel and replace bent rod. 0 **CERTIFICATE OF COMPLIANCE** I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization Number Not Applicable Expiration Date Not Applicable Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NORTH CAROLINA and employed by Hartford, Connecticut have inspected the components described in this Owner's Report during the period 10 12-1-07 3-15-07 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. Commissions NC/44/NINSC National Board, State, Province, and Endorsements Inspector's Signature

Date 12-1-07

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 1657392-10 2. Plant Unit 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/10/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Coolant Storage, ASME Class 2 5. (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition, No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 2000 98 Edition. 19 . Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Year Corrected, ASME Component Manufacturer Serial Number Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) Support 3-59-DPCo. None 2007 Installed NO None None 2435B-H5794 7. Description of Work OD300321, installed new support 3-59-2435B-H5794 Test Conducted Nominal Operating Pressure Hydrostatic Pneumatic Other

Pressure

**PSI** 

**Test Temperature** 

٥F

	Work Order Number	r Si	heet	
	1657392-	10	2 of 2	2 <sup>.</sup>
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	· · · · · · · · · · · · · · · · · · ·		**************************************	
D		,		
2		,		
8				
0		·		
6	· .			
<b>6</b>				
7 Paritikasa kutan 15 ti manakatan 100 menganan menjada kanakatan diakatan diakatan diakatan diakatan diakatan d		-	<u></u>	
8				
9				
<b>(</b> 0				
<del></del>				
				0
CERTIFICATE OF COM	<b>IPLIANCE</b>			i)
I certify that the statements made in the report are correct and		requirements	of the	i)
I certify that the statements made in the report are correct and ASME Code, Section XI.		requirements	of the	()
I certify that the statements made in the report are correct and ASME Code, Section XI.	I that this conforms to the	requirements	·	
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine	Not Applicable  Expiration Date		·	
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable	Not Applicable  Expiration Date	Not Appl	·	
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine Owner's Designee, Title	I that this conforms to the  Not Applicable  Expiration Date  er Date	Not Appl	·	
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Owner or Owner's Designee, Title	Not Applicable Expiration Date  Date EINSPECTION	Not Appl 12/10/2007	icable	
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE  I, the undersigned, holding a valid commission issued by the Notes of Commission issued by the	Not Applicable Expiration Date  Date EINSPECTION	Not Appl 12/10/2007	icable	
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE  I, the undersigned, holding a valid commission issued by the Napplication in the National Action Act	Not Applicable Expiration Date  Date EINSPECTION Lational Board of Boiler ar and employed by have inspected	Not Appl 12/10/2007 and Pressure V HSB	essel CT ents descri	
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE  I, the undersigned, holding a valid commission issued by the Naspectors and the State or Province of Mach Carolina A of Hartford, Connecticut in this Owner's Report during the period 11-8-05	Not Applicable Expiration Date  Expiration Date  Expiration Date  Expiration Date  are Date  and employed by have inspected to 12-10-6	Not Appl 12/10/2007  and Pressure V HSB the compone	icable Tessel CT ents descri	tř
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE  I, the undersigned, holding a valid commission issued by the Notes and the State or Province of Alactic Carolina of Hartford, Connecticut in this Owner's Report during the period //-8-05  to the best of my knowledge and belief, the Owner has perfected.	Not Applicable  Expiration Date  Expiration Date  Expiration Date  and employed by have inspected to 12-10-6  expormed examinations and	Not Appl 12/10/2007  and Pressure V HSB the compone 7 taken correct	icable Tessel CT ents descri	tř
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICATION  I, the undersigned, holding a valid commission issued by the Notes of Hartford, Connecticut in this Owner's Report during the period //-8-05  to the best of my knowledge and belief, the Owner has performed by signing this certificate neither the Inspector nor his emergence of the content of the content of the certificate neither the Inspector nor his emergence of the content of the certificate neither the Inspector nor his emergence of the content of the certificate neither the Inspector nor his emergence of the content of the certificate neither the Inspector nor his emergence of the content of the certificate neither the Inspector nor his emergence of the content of the content of the certificate neither the Inspector nor his emergence of the content of the	Expiration Date  Expiration Date  Expiration Date  Expiration Date  Expiration Date  Expiration Date  And employed by  have inspected by  have ins	Not Appl 12/10/2007  and Pressure V HSB the compone 7 taken correction XI. anty, express	essel CT ents descri and state ctive meas	th su pli
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Certificate Of INSERVICE  I, the undersigned, holding a valid commission issued by the Note of	Expiration Date  Expira	Not Appl 12/10/2007.  Ind Pressure V HSB the compone 7 taken correction XI. Enty, express t. Furthermo	essel CT ents descri and state tive meas	tř su pli er
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICATION  I, the undersigned, holding a valid commission issued by the Normal Inspectors and the State or Province of Mark Carolina In this Owner's Report during the period  In this Owner's Report during the period  Other Designer of Inservice of Mark Carolina In this Owner's Report during the period  Other Designer or Owner's Inserting the Owner has performed 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.	Expiration Date  Expiration Date  Date  Expiration Date	Not Appl 12/10/2007.  Ind Pressure V HSB the compone 7 taken correction XI. Enty, express t. Furthermo	essel CT ents descri and state tive meas	th su pli
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp  Certificate of Authorization Number Not Applicable  Signed Aaron Best, Engine  Certificate Of INSERVIC  I, the undersigned, holding a valid commission issued by the Naspectors and the State or Province of Alacry Carolina and this Owner's Report during the period  In this Owner's Report during the period  Other Described in this Owner's Report in accordance with the requirement of the best of my knowledge and belief, the Owner has performed 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.	Expiration Date  Expira	Not Appl 12/10/2007  and Pressure V HSB the compone 7 , taken corrected on XI. anty, express t. Furthermorty damage of	essel CT ents descri and state stive meas ed or impre, neither	th su pli or of

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 1657392-01 2. Plant Unit 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/11/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Coolant Storage, ASME Class 2 5. **USÁS B31.7** (a) Applicable Construction Code: 19 69 Edition, No Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 2000 Edition, 19 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer **National ASME** Other Year Corrected, Component Manufacturer Serial Number Board No. Identification Built Removed, Code or installed Stamped (Yes / No) Saunders 3CS-6 UNK UNK UNK Removed NO None Grinnel ITT Engineered 764745-001-DMV-1235 3CS-6 None 2006 Installed NO Valves 001 UTC# 1822312 OPiping . DPCo. None None 2007 Installed NO None 7. Description of Work OD 300321, Replaced valve 3CS-6 due to flow induced indication in its weir seating surface. 8. Test Conducted Nominal Operating Pressure Hydrostatic Pneumatic Other

**Test Temperature** 

٥F

Pressure

quired by the provisions of the ASME Code Section XI	Work Order Number	Sheet
	1657392-01	2 of 2
Remarks (Applicable Manufacturer's Data Reports to be attached)		
<u> </u>		, ,
iping, 2", SS, Sch. 40, A-312 TP 304; Coupling (2) SS, SW, 3000#, A 1	82 TP-304	
		1
·		<del></del>
,		
		<u> </u>
· · · · · · · · · · · · · · · · · · ·		
CERTIFICATE OF COMPLI	IANCE	
certify that the statements made in the report are correct and tha	at this conforms to the re-	quirements of the
ME Code, Section XI.		
	Applicable	
ificate of Authorization Number Not Applicable	Expiration Date	Not Applicable
ed	Date 12	2/11/2007
Owner or Owner's Designee, Title		
CERTIFICATE OF INSERVICE IN		
I, the undersigned, holding a valid commission issued by the Natio ectors and the State or Province of North Carolina	onal Board of Boiler and and employed by	Pressure Vessel HSB CT
Hartford, Connecticut	have inspected th	ne components describ
is Owner's Report during the period // · 8 · 0 5	to /2-/0-07 ed examinations and ta	
ne best of my knowledge and belief, the Owner has performe		ction XI.
ne best of my knowledge and belief, the Owner has performed bribed in this Owner's Report in accordance with the requirements		AL AMERICANON OF 1551
ne best of my knowledge and belief, the Owner has performe	yer makes any warrant	
ne best of my knowledge and belief, the Owner has performed by signing this certificate neither the Inspector nor his employeeming the examinations and corrective measures described in ector nor his employeeming the examinations and corrective measures described in ector nor his employer shall be liable in any manner for any per	yer makes any warrant n this Owner's Report.	Furthermore, neither
ne best of my knowledge and belief, the Owner has performed be best of my knowledge and belief, the Owner has performed by signing this certificate neither the Inspector nor his employment of the examinations and corrective measures described in ector nor his employer shall be liable in any manner for any performing from or connected with this inspection.	yer makes any warrant n this Owner's Report.	Furthermore, neither

Inspector's Signature

Date 

12/10-0-12/11/07

Form NIS-2 Owner's Report for Repair/Replacement Activity . As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01760723-01 1 of 2 2. Plant 1. Owner Unit Oconee Nuclear Station ONS - 3 **Duke Power Company** 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 11/29/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Liquid Waste Disposal, ASME Class 2 5. (a) Applicable Construction Code: 19 **USAS B31.7** 69 Edition, No Addenda, No **Code Case** (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components - Name of Manufacturer National Other Name of Year Corrected. **ASME** Component Manufacturer Serial Number Board No. Identification **Built** Removed, Code or installed Stamped (Yes / No) 3LWD-224 n/a Velan n/a n/a unk Corrected NO . 7. Description of Work Body to bonnet study and nuts were slightly corroded and were replaced. 8. Test Conducted Hydrostatic Other Visual Pneumatic Nominal Operating Pressure Exempt

**PSI** 

**Test Temperature** 

Pressure

# Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI

	Work Order Num	ber	Sheet
	0176072	3-01	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached	i)		
<b>1</b> Bonnet studs, 9/16", SA193, GR B7, Catalog ID: 297416, UTC	#: 1899232		
<b>②</b> Bonnet nuts, 9/16", SA194, GR 2H, Catalog ID: 293564, UTC #			
-			
•		<del>***</del>	
6			
<b>6</b>		<del> </del>	·
<b>9</b>	<u> </u>	· .	ស៊ីថា 
<u> </u>			· · · · · · · · · · · · · · · · · · ·
<b>9</b>			`
0			·
I certify that the statements made in the report are correct ASME Code, Section XI.  Type Code Symbol Stamp		e requiremen	nts of the
Certificate of Authorization Number Not Applicable	Expiration Date	Not Ap	plicable
Signed Owner's Designee, Title	ngineer Date	11/29/2007	7
CERTIFICATE OF INSE	RVICE INSPECTION		
I, the undersigned, holding a valid commission issued by Inspectors and the State or Province of Morth Caroling of Hartford, Connecticut in this Owner's Report during the period 11-26-6 to the best of my knowledge and belief, the Owner has described in this Owner's Report in accordance with the required By signing this certificate neither the Inspector nor his concerning the examinations and corrective measures described in this owner's Report in accordance with the required By signing this certificate neither the Inspector nor his concerning the examinations and corrective measures described in any manner for kind arising from or connected with this inspection.	and employed by have inspecte have inspecte have inspecte have inspecte have inspected have inspected have inspected have inspected have inspected have inspected have any war cribed in this Owner's Report any personal injury or property.	HS ed the composite 7 d taken corr Section XI. ranty, expres ort. Furthern erty damage	onents described and state that rective measures essed or implied, more, neither the or a loss of any
Inspector's Signature Commission	ons National Board, State	Province, and	Endorsements
Date 12-13-07			

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 1681798-22 2. Plant 1. Owner Unit Oconee Nuclear Station ONS - 3 Duke Power Company 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 11/26/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Unit 3 "C" High Pressure Injection Pump, ASME Class 2 (a) Applicable Construction Code: USAS B31.7 Edition, 06/68 Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components ASME Name of Name of Manufacturer **National** Other Year Corrected, Manufacturer Serial Number Identification Built Removed. Code Component Board No. or Installed Stamped (Yes / No) 0870-35 CWC N3HPIPU003 Ingersoll-Rand UNK UNK UNK Removed NO (on task 01) ON3HPIPU003 S/C# 582351 Installed Flowserve NO LINK U/2K/O UNK UTC# 1898622 (on task 01) 1/2" Threaded Pipe Plug UNK UNK UNK UNK UNK Removed NO (on task 45) 1/2" Threaded S/C# 154012 Pipe Plug UNK UNK UNK UNK Installed YES UTC# 1083095 (on task 45) 7. Description of Work Remove old 3C HPI Pump during 3EOC23 Outage and replace with new 23 stage HPI Pump. All other parts were placed or repaired under work scope as necesary. Test Conducted Hydrostatic Nominal Operating Pressure Pneumatic Exempt Other Flow Testing Pressure Test Temperature

# Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI

		Sheet	
	1681798-22	2 of 2	2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		L	
0			
0			
<b>3</b>			<u>.</u>
•	· · · · · · · · · · · · · · · · · · ·		
6			
6	·		
Ø			·
<b>⊙</b>			
9			
<b>©</b>		•	
CERTIFICATE OF COMPLI	•		
I certify that the statements made in the report are correct and that ASME Code, Section XI.	t this conforms to the re	quirements of the	
I certify that the statements made in the report are correct and that ASME Code, Section XI.	•		
I certify that the statements made in the report are correct and that ASME Code, Section XI.  Type Code Symbol Stamp  Not. Applicable  Signed  Associate Engineer	t this conforms to the red  Applicable  Expiration Date		
I certify that the statements made in the report are correct and that ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed	Applicable  Expiration Date	Not Applicable	
I certify that the statements made in the report are correct and that ASME Code, Section XI.  Type Code Symbol Stamp  Not. Applicable  Signed  Associate Engineer	t this conforms to the red  Applicable  Expiration Date  Date	Not Applicable	
I certify that the statements made in the report are correct and that ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed  CERTIFICATE OF INSERVICE IN  I, the undersigned, holding a valid commission issued by the Natio Inspectors and the State or Province of North Carolina  Hartford, Connecticut in this Owner's Report during the period  To the best of my-knowledge and belief, the Owner has performe described in this Owner's Report in accordance with the requirements  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 perskind arising from or connected with this inspection.	Applicable  Expiration Date  Date  11  SPECTION  nal Board of Boiler and and employed by have inspected the to 1-1-2-28 and examinations and ta of the ASME Code, Sector makes any warrant this Owner's Report. sonal injury or property	Not Applicable  //26/2007  Pressure Vessel	that ures lied, the
I certify that the statements made in the report are correct and that ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed  CERTIFICATE OF INSERVICE IN  I, the undersigned, holding a valid commission issued by the Natio Inspectors and the State or Province of NORTH CAROLINA  of Hartford, Connecticut  in this Owner's Report during the period  To the best of my-knowledge and belief, the Owner has performe described in this Owner's Report in accordance with the requirements  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 perkind arising from or connected with this inspection.	Applicable  Expiration Date  Date  11  SPECTION  nal Board of Boiler and and employed by have inspected the to 1-1-2-28 and the ASME Code, Sector makes any warrant this Owner's Report.	Not Applicable  //26/2007  Pressure Vessel	that ures lied, the

ris reduited by me by			:	Work Order No	ımber	Sheet	
				01676	6640-01	1	of 2
1. Owner		2. Pl	lant			Unit	
Duke Pov	wer Company	ļ	Oconee Nu	iclear Station		0	NS - 3
	h Church Street		7800 Roch	~	r	Date	*
Charlotte	, NC 28201-1006		Seneca, SC	29672		11/3	0/2007
3. Work Performe	d by			Type Code Syr			·
Duke Po	wer-Company		•	Authorization		plicable	
	h Church Street			Authorization		oplicable	
Charlotte	e, NC 28201-1006	•		Expiration Date			
					Not Ap	plicable	·
4. Identification of	f System, ASME CI		l Cooling, ASMI	E Class 2			`
5.						XV N A.B.O.	
(a) Applicable Cons		USAS B31.7	19 69	Edition, No	Addend		Code Case
<ul><li>(b) Applicable Editi</li><li>(c) Applicable Sect</li></ul>		•	19 98	Edition, 2000	Addeno	la.	•
6. Identification of		) None			<del> </del>		
Name of	Name of	Manufacturer	National	Other	Year	Corrected.	ASME
Component	Manufacturer	Serial Number	Board No.	Identification	Built	Removed, or Installed	Code Stamped
			ļ			Or installed	(Yes / No)
3SF-61	Velan	n/a	n/a	n/a	unk	Corrected	NO
351 01	· · · · · · · · · · · · · · · · · · ·	.,, a			I diik	Corrected	
				·			
À							
							· · · · · ·
*		·	•				
					+		
	1						
·		·					
					<del> </del>		
-	·.						
				. Light beginn	-		
							·
7. Description of							
Several of the stud	Is were damaged of	during maintenand	ce of valve 3SF-	61. Replaced onl	y 12 of the	e 14 bonnet stu	ds due to
availability of mat		me existing studs	s. An 28 nuts We	cie replaced			
8. Test Conducte		i. Naminal o	manatir - D.	<u>Г</u>	ZI 045		
Hydrosta	atic Pneumati Pressure	IC Nominal O PSI	perating Pressure Test Temp	•	Other	Visual	
	A 1 COSUIT	* U#			f		

9. Remarks (Applicable Manufacturer's Data Reports to be attached)  1. Bonnet Studs (12), 3/4", UTC # 0001073086, Catelog ID: 456863 Bonnet Nuts (28), 3/4", UTC # 0001895651, Catalog ID: 293543	01676640-0	01 2 of 2
<ul> <li>Bonnet Studs (12), 3/4", UTC # 0001073086, Catelog ID: 456863         Bonnet Nuts (28), 3/4", UTC # 0001895651, Catalog ID: 293543</li> <li>3</li> </ul>	,	
Bonnet Nuts (28), 3/4", UTC # 0001895651, Catalog ID: 293543	<i>i</i>	•
<b>3</b>		
•		
Α		
6		
0		
And the second s	and the second second second	. Angaran ama
8		
9	·	
m		
I certify that the statements made in the report are correct and to ASME Code, Section XI.  Type Code Symbol Stamp	hat this conforms to the r ot Applicable	equirements of the
Certificate of Authorization Number Not Applicable	Expiration Date	Not Applicable
Signed ,Sr. Engineer	r_ Date	11/29/2007
Owner or Owner's Designee, Title		
CERTIFICATE OF INSERVICE		
I, the undersigned, holding a valid commission issued by the Nathanaectors and the State or Province of North Checking of Hartford, Connecticut in this Owner's Report during the period 11-24-07 to the best of my knowledge and belief, the Owner has perford described in this Owner's Report in accordance with the requirement By signing this certificate neither the Inspector nor his employered inspector nor his employer shall be liable in any manner for any particular arising from or connected with this inspection.	and employed by have inspected to /2-/3-a 7 med examinations and its of the ASME Code, Soloyer makes any warra in this Owner's Report personal injury or propert	HSB CT the components describe
Commissions	UC1444NIABC	rovince, and Endorsements

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01676641-01 2. Plant Unit 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Seneca, SC 29672 Charlotte, NC 28201-1006 11/29/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company, **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Spent Fuel Cooling, ASME Class 2 5. (a) Applicable Construction Code: **USAS B31.7** 19 Edition, No Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 2000 Addenda. 19 Edition, (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer . **National** Other Corrected, ASME Year Serial Number Manufacturer Board No. Removed, Component Identification Built Code or Installed Stamped (Yes / No) 3SF-60 unk Corrected NO Crane n/a n/a n/a 7. Description of Work Body to bonnet nuts were replaced due to being unmarked. 8. Test Conducted Hydrostatic Other | Pneumatic **Nominal Operating Pressure** Exempt Visual **Test Temperature Pressure** 

	Work Order Number	Sheet
	01676641-01	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
● Bonnet Nuts (20), UTC # 0001073488, Bonnet Nuts (4), UTC # 000	1895653, Catalog ID: 131743	•
<b>②</b>		
<b>8</b> -		
9	·	
•		
<b>©</b>		
		King m
8		
<b>9</b>		
• •		
I certify that the statements made in the report are correct and ASME Code, Section XI.  Type Code Symbol Stamp	that this conforms to the requiren	nents of the
Certificate of Authorization Number Not Applicable		Applicable
Signed ,Sr. Engine ,Sr. Engine Owner or Owner's Designee, Title	er Date - 11/29/2	007
CERTIFICATE OF INSERVIC	E INSPECTION	,
to the best of my knowledge and belief, the Owner has perfo described in this Owner's Report in accordance with the requireme	and employed by have inspected the com to /2-/3	HSB CT nponents described , and state that corrective measures (I.
By signing this certificate neither the Inspector nor his em concerning the examinations and corrective measures described inspector nor his employer shall be liable in any manner for any kind arising from or connected with this inspection.	ployer makes any warranty, ex	pressed or implied ermore, neither the
Inspector's Signature Commissions	National Board, State, Province, a	and Endorsements
Date _/ 2 - /3 - 0 7		

As re	equired by the pro	visions of the ASMI	E Code Section XI		Work Order Num	ber	Sheet	
	•		¢		01712			of 2
1.	Owner		2. PI	ant			Unit	
	Duke Pow 526 South	ver Company Church Street NC 28201-1006		Oconee Nu 7800 Roche Seneca, SC	₹		Ol Date	NS - 3
3.	Work Performed	d by	<u> </u>		Type Code Symb		plicable	10197
		ver Company n Church Street			Authorization Nu		plicable	
	Charlotte,	, NC 28201-1006			Expiration Date	Not Ap	plicable	
4.	Identification of	System, ASME CI		PI, ASME Class 2	2			
(c)		on Section XI Utilize on XI Code Case(s	•		Edition, 88 Edition, 2000	_ Addend _ Addend		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)
3H	P-120	CCI	706573-1-1	None	None	1998	Corrected	No
3 Š	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			<del>.</del>	د است در استان در اس		. " -	
						·		
7.	Description of	Work		<u></u>			<u></u>	
		2341 was written eplaced due to no		nspect, and replace	ce disc stack assem	ıbly.' Du	ring this work	the
	Test Conducte	ed	,	<u> </u>		1		
	Hydrost	atic Pneumat		Operating Pressure Test Temp		Other _ °F	Visual	

As required by the provisions of the Monte Code Section M		Work Order Numbe	r Shee	et
		17/234	2	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to	be attached)			- N
Spindle (Cat ID 486801) was replaced due to normal v	wear and tear.		<u> </u>	
<b>2</b>				
				. 40
•				
•			late City	
6	. •			,
<u> </u>	· · · · · · · · · · · · · · · · · · ·	·		
<u> </u>				
<b>9</b>				
<u> </u>			· · · · · · · · · · · · · · · · · · ·	
9		•		
10				
	·			•
CEDTIE	ICATE OF COMPLIAN	JCE		<u> </u>
I certify that the statements made in the report a			requirements of	f the
ASME Code, Section XI.				
Type Code Symbol Stamp	Not A	pplicable		
Certificate of Authorization Number Not A	pplicable	Expiration Date	Not Applica	able
Signed Cine Check Hurley, Check		Date (2/13/	1	<del></del>
Owner or Owner's Posignee, Title	X Valve Engineer	Jale 121131	UT	
CERTIFICAT	E OF INSERVICE INS	PECTION	<del> </del>	
I, the undersigned, holding a valid commission i			nd Pressure Ves	ssel
Inspectors and the State or Province of NORTH C	CAROLINA 3	and employed by	HSB C	
of Hartford, Connecticut	21.02	nave inspected 0	the component	
in this Owner's Report during the period // to the best of my knowledge and belief, the Ow				nd state tha
described in this Owner's Report in accordance with				ve measure
By signing this certificate neither the Inspect				d or implie
concerning the examinations and corrective measure				
Inspector nor his employer shall be liable in any m				
kind arising from or connected with this inspection.				
2/15				
	Commissions NC	1444 NIABC		
Inspector's Signature		National Board, State,	Province, and Endo	orsements
Date/2-/3-07				

As require	red by the provisions of the AS	ME Code Section	ı XI			der Numbe 1781460	- 09	Sheet	Page 1 of 2
1. Owner	Duke Power Company		2. Plant Ocone	ee Nuclear Stat	tion			Unit 3	
	526 South Church Street		7800 !	Rochestor Hwy	,			ļ	,
	Charlotte, NC 28201-1006		Senec	ca, SC 28672				Date /ユ/	111/07
3. Work Per	erformed By				Tı	ype Code Sy	mbol Stamp	P Not Appl	icable
	Duke Power Company				t	Authorization	n Number		
	526 South Church Street				L		THUINGS.	Not Appl	icable
ı	Charlotte, NC 28201-1006				E	Expiration Da	ate	Not Appl	icable
4. Identifica	cation of Systems, ASME Class		Main Steam	n , ASME Cla	ass 2				
(b) Applicat	able Construction Cod <u>USAS B31.1</u> able Edition Section XI Utilized For R/R A able Section XI Codes Cases(s)	1967: Editio Activity 1998: Editio <u>None</u>		√o Code Case					
3. Identificati	tion of Coimponents								
1	Name of Component	Manufacturer:	Manufacturer Serial Number	National Board No	Other identifica	4	uilt Rei	orrected, moved or installed	ASME Code Stamped (Yes/No)
	A-0-2441-R9(C), Size RF3 Lisega Hydraulic r	Lisega	98614153/20	UNK	N/A	UNI	K Rer	moved	No .
Size 3072 Snubber	7256 RF3 Lisega Hydraulic r	Lisega	1615040/50	UNK	UTC 1045730	UNI	K Inst	talled	No
		<u>-</u>							
	. \								
			·		1				
7. Descriptio			v				<del></del>	<del></del>	
	laced Lisega snubber due to fl	luid leak.							•
8. Test Cond	nducted			<del></del>			<u> </u>		
<b> </b>	Hydrostatic Pnuema	atic	ominal Operating Pre	essure 🗌 f	Excempt	✓ (	Other	<u>Visual</u>	
	Pressure	PSI			Test Tem	perature		Deg.	F

Work Order Numbe Sheet  01781460 - 09 Page 2 of 2  7. Remarks (Applicable Manufactuerr's Data Reports to be attached)	required by the provisions of the ASME Code Section XI		W-4-0-4W-1-1		
CERTIFICATION OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI  Type Code Symbol Stamp  Not Applicable  Certificate of Autherization Number  Not Applicable  Signed     Symbol Stamp		Work Order Numbe 01781460 -	Sheet 09	Page 2 of 2	
CERTIFICATION OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI  Type Code Symbol Stamp  Not Applicable  Certificate of Autherization Number  Not Applicable  Expiration Date  Not Applicable  Date  Inspectors and State or province of Work of Connecticut  In the owner's Report during the period  In the Completion of Inspectors and State or province of Work of Connecticut  In the Owner's Report during the period  In the Owner's Re	7. Remarks (Applicable Manufactuerr's Data Reports to be attached)				
Toertify 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  Certificate of Autherization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Autherization Number  Not Applicable  Date  CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NOETN CRECURA and employed by HSB CT  of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-8 to 1-14-8 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 make any warrenty, 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 rising from or connected with this inspection.  National Board, State, Province, and Endorsements	Replaced Lisega snubber due to fluid leak.				
Toertify 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  Certificate of Autherization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Autherization Number  Not Applicable  Date  CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NOETN CRECURA and employed by HSB CT  of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-8 to 1-14-8 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 make any warrenty, 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 rising from or connected with this inspection.  National Board, State, Province, and Endorsements					
Toertify 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  Certificate of Autherization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Autherization Number  Not Applicable  Date  CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NOETN CRECURA and employed by HSB CT  of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-8 to 1-14-8 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 make any warrenty, 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 rising from or connected with this inspection.  National Board, State, Province, and Endorsements					
Toertify 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  Certificate of Autherization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Autherization Number  Not Applicable  Date  CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NOETN CRECURA and employed by HSB CT  of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-8 to 1-14-8 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 make any warrenty, 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 rising from or connected with this inspection.  National Board, State, Province, and Endorsements			-		
Toertify 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  Certificate of Autherization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Autherization Number  Not Applicable  Date  CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NOETN CRECURA and employed by HSB CT  of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-8 to 1-14-8 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 make any warrenty, 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 rising from or connected with this inspection.  National Board, State, Province, and Endorsements					
Toertify 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  Certificate of Autherization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Autherization Number  Not Applicable  Date  CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NOETN CRECURA and employed by HSB CT  of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-8 to 1-14-8 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 make any warrenty, 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 rising from or connected with this inspection.  National Board, State, Province, and Endorsements	CERTIFICATION OF CO	NADI IANGE			
ASME Code, Section XI  Type Code Symbol Stamp  Not Applicable  Expiration Date  Not Applicable  Expiration Date  Not Applicable  Signed  CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel  Inspectors and State or province of NORTH CARCHAR and employed by HSB CT  of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-08 to 1-14-08 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 make any warrenty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector nor his employer make any warrenty, 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 rising from or connected with this inspection.  Commision(s)  National Board, State, Province, and Endorsements	CERTIFICATION OF CO	DIVIPLIANCE			
CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NORTH CARCHINA and employed by HSBCT of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-08 to 1-14-08, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report during the period the requirements of the ASME Code, Section XI.  By signing this certificate neither the inspector nor his employer make any warrenty, 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 rising from or connected with this inspection.  Commision(s) MAHAMABC  National Board, State, Province, and Endorsements		forms to the requirements of	the		
CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NORTH CARCHIA and employed by HSBCT of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-8 to 1-14-8 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 make any warrenty, 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 rising from or connected with this inspection.  Commision(s)  Mational Board, State, Province, and Endorsements	Type Code Symbol Stamp Not Ap	plicable			
CERTIFICATION OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NORTH CARCULA and employed by HSBCT of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-08 to 1-14-08 , 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 make any warrenty, 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 rising from or connected with this inspection.  Commission(s)  Commission(s)  National Board, State, Province, and Endorsements		<u> </u>			
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NORTH CARCENA and employed by HSBCT of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-08 to 1-14-08, 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 make any warrenty, 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 rising from or connected with this inspection.  Commision(s)  Commision(s)  National Board, State, Province, and Endorsements		Date /2////0	7		
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of NORTH CARCENA and employed by HSBCT of Hartford, Connecticut have inspected the components described in the Owner's Report during the period 1-14-08 to 1-14-08, 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 make any warrenty, 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 rising from or connected with this inspection.  Commision(s)  Commision(s)  National Board, State, Province, and Endorsements					
Inspectors and State or province of Noeth Carocal and employed by  Inspector and State or province of Noeth Carocal and employed by  Inspector and State or province of Noeth Carocal and employed by  Inspector and State or province of Noeth Carocal and employed by  Inspector and State or province of Noeth Carocal and employed by  Inspector and State or province of Noeth Carocal and employed by  Inspector and State or province of Noeth Carocal and employed by  Inspector and State or province of Noeth Carocal and employed by  Inspector is Report described in the components described in the Noeth Carocal and employer measures described in the Noeth Carocal and State that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the ASME Code, Section XI.  By signing this certificate neither the inspector nor his employer make any warrenty, 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 rising from or connected with this inspection.  Commission(s)  Commission(s)  National Board, State, Province, and Endorsements	CERTIFICATION OF INSERV	ICE INSPECTION			
in the Owner's Report during the period  In the Owner's Report during the period  In the Owner's Report during the period  Inspector's Signature  have inspected the components described in the Components described in the Components described in the Components 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 make any warrenty, 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 rising from or connected with this inspection.  Commision(s)  National Board, State, Province, and Endorsements		d of Boiler and Pressure Vess	sel		
in the Owner's Report during the period  /-/y-o8  to /-/y-o8  nand 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 make any warrenty, 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 rising from or connected with this inspection.  Commision(s)  National Board, State, Province, and Endorsements			<del>-</del>		
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 make any warrenty, 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 rising from or connected with this inspection.  Commission(s)  Commission(s)  National Board, State, Province, and Endorsements					
By signing this certificate neither the inspector nor his employer make any warrenty, 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 rising from or connected with this inspection.  Commision(s)  Commision(s)  National Board, State, Province, and Endorsements					
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 rising from or connected with this inspection.  Commision(s)  National Board, State, Province, and Endorsements			sures.		
Inspector's Signature  National Board, State, Province, and Endorsements	concerning the examinations and corrective measures described in this Owne inspector nor his employer shall be liable in any manner for any personal inju	er's Report. Furthermore, neit	her the	1	
	Commission(s) NC 1444N	IRBC			
Date 1-14-08	Inspector's Signature National Bo	ard, State, Province, and Endorsement	s		
	Date 1-14-08				

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01741686 1. Owner 2. Plant Unit ONS - 3 Duke Power Company Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Charlotte, NC 28201-1006 Seneca, SC 29672 11/19/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Low Pressure Injection, ASME Class 2 (a) Applicable Construction Code: **USAS B31.7** 19 No 69 Edition. Code Case Addenda, No · (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition. 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer **National** Other Year Corrected, **ASME** Component Manufacturer Serial Number Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) 3LP-47 Crane C7874 Unknown Unknown Unk Corrected NO 7. Description of Work PM revealed need to replace retaining ring on 10" Crane pressure seal bonnet swing check valve (3LP-47). 8. Test Conducted \_\_ Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Visual

**Test Temperature** 

Pressure

۰F

## Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01741686 2 of 2 >. Remarks (Applicable Manufacturer's Data Reports to be attached) • Retaining ring, Catalog ID 0000172136, UTC# 0000996176 0 € 0 6 0 0 0 CERTIFICATE OF COMPLIANCE

Type Code Symbol Stamp	No	Applicable	
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed Eloo & H. Q	een Hurley, Assistant Engineer	Date	11/19/2007
Owner or Owner's Desig	nee, fille		
	CERTIFICATE OF INSERVICE I	NSPECTION	
I, the undersigned, holding a valid cool Inspectors and the State or Province of of Hartford, Coolin this Owner's Report during the period to the best of my knowledge and beldescribed in this Owner's Report in according to the examinations and corresponded in this owner's Report in according to the examinations and corresponded in this examinations and corresponded in this examination in the examination of the light kind arising from or connected with this interpretation.  Inspector's Signature  Date 1-9-08	onnecticut  /2-/2-0 7  ief, the Owner has performed ance with the requirements the Inspector nor his employective measures described in le in any manner for any performance described.	and employed by have inspected to 1-9-08 ed examinations and s of the ASME Code, Soyer makes any warr in this Owner's Report ersonal injury or prope	HSB CT If the components described

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01733893 2. Plant Unit 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 7800 Rochester Hwy 526 South Church Street Date Seneca, SC 29672 Charlotte, NC 28201-1006 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Building Spray System, ASME Class 2 USAS B31.7 19 (a) Applicable Construction Code: Edition, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 Edition, 2000 19 Addenda. (c) Applicable Section XI Code Case(s) 6. Identification of Components National Other Corrected, ASME Name of Name of Manufacturer Year Manufacturer Serial Number Board No. Identification Built Removed. Code Component or Installed Stamped (Yes / No) Velan Valve 3BS-26 UNK UTC 982180 YES 972018-1 Unk Installed Co. **Piping** DPCo. None None None 2007 Installed NO 7. Description of Work OD301491 added a 4" diameter branch connection that included 3BS-26. Test Conducted Nominal Operating Pressure Exempt \_\_ Hydrostatic Pneumatic Other PSI Test Temperature ٥F

		Work Order Number		Sheet	
		1733893		2 of 2	
9. Remarks (Applicable Manufacturer's Data R	eports to be attached)				-
<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>			
0					
<b>0</b>					
3					
3					
9					
)					
		<u> </u>			
)					
		· · · · · · · · · · · · · · · · · · ·			
0				<u> </u>	
	CERTIFICATE OF COMPL	IANCE			
I certify that the statements made in the	report are correct and that	at this conforms to the r	requirement	s of the	
ASME Code, Section XI.	•			•	
Type Code Symbol Stamp	Not	Applicable			_
Certificate of Authorization Number	Not Applicable	Expiration Date	Not App	plicable	_
igned Rick Burgess  Owner or Owner's Designee,	Technical Specialis	+ Date 1/2/08	•	٠	
Owner or Owner's Designee,	Title		** · *********************************		
CER	RTIFICATE OF INSERVICE II	NSPECTION			
I, the undersigned, holding a valid comr		onal Board of Boiler an	d Pressure	Vessel	
nspectors and the State or Province of No.		and employed by		B CT	
of Hartford, Conr	· · · · · · · · · · · · · · · · · · ·	have inspected	the compor		
n this Owner's Report during the period	4-10-07	to /-3-08	talian sam	, and state th	
to the best of my knowledge and belief, described in this Owner's Report in accorda				3Clive measu	ires
By signing this certificate neither the				ssed or impli	ied,
concerning the examinations and corrective	ve measures described in	n this Owner's Report	t. Furtherm	nore, neither	the
Inspector nor his employer shall be liable	in any manner for any pe				
kind arising from or connected with this insp	pection.				
- SAX - B	0	IJVNI		•	
Inspector's Signature	Commissions	National Board, State, F	Province and	Endorsements	_
Data 1-3-08		National Doard, State, 1	TOVIIICE, and i	Chansements	
Date					

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1681798-22 1 of 2 2. Plant 1. Owner Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 11/26/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company** Authorization Number 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Unit 3 "C" High Pressure Injection Pump, ASME Class 2 5. (a) Applicable Construction Code: **USAS B31.7** 19 68 Edition, 06/68 Addenda. No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 Edition, 2000 19 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Year Corrected. **ASME** Component Manufacturer Serial Number Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) ON3HPIPU003 Ingersoll-Rand UNK UNK UNK UNK Removed NO (on task 01) ON3HPIPU003 S/C# 582351 Flowserve UNK UNK UNK Installed NO (on task 01) UTC# 1898622 1/2" Threaded Pipe Plug UNK UNK UNK UNK UNK Removed NO (on task 45) 1/2" Threaded S/C# 154012 Pipe Plug UNK UNK UNK UNK Installed YES UTC# 1083095 (on task 45) 7. Description of Work Remove old 3C HPI Pump during 3EOC23 Outage and replace with new 23 stage HPI Pump. All other parts were replaced or repaired under work scope as necesary. 8. Test Conducted \_\_\_ Hydrostatic Nominal Operating Pressure Other Flow Testing \_\_ Pneumatic \_\_ Exempt **Test Temperature** ۰F

	·	Work Order Numb	er	Sheet	
		1681798	-22	2 of	2
9. Remarks (Applicable Manufacturer's Data Reports to be at	tached)		<del></del>		
0					
<b>9</b> .					
€ -					
•		1 M F= 4 . 1			
9					
0					
Compression of the second seco	ya ee madaykaanada agaan	- ए.च्यास कर्नु इस्टिस्ट्राह्मका हुन व्यक्तिका <mark>कार्यक्र</mark>	randian's made in	alandes ett er att være i er te Ve	नेर नात्रमार्ड्य हुन क
8					
<u> </u>	·····				
<b>©</b>					
I certify that the statements made in the report are constant to the statements made in the report are constant.  Type Code Symbol Stamp			e requiremer	nts of the	
Certificate of Authorization Number Not Applic	able E	Expiration Date	Not Ap	plicable	
Signed , Assoc Owner's Designee, Title	iate Engineer C	Date	11/20/200	7	oj ere – f. eu <b>ropa</b> ne j
				40 101100	
CERTIFICATE OF	INSERVICE INSE	PECTION			
I, the undersigned, holding a valid commission issue Inspectors and the State or Province of Noern Care of Hartford, Connecticut in this Owner's Report during the period 7-2 to the best of my knowledge and belief, the Owner described in this Owner's Report in accordance with the By signing this certificate neither the Inspector n concerning the examinations and corrective measures Inspector nor his employer shall be liable in any mannikind arising from or connected with this inspection.	has performed requirements of or his employers described in the	have inspected have inspected have inspected have inspected have a recommendation and the ASME Code, makes any warnis Owner's Report have inspected have ins	History  In the composition of the corresponding to	SB CT onents designated and state rective me ressed or in more, neith	te that asures mplied, ner the
Inspector's Signature Comm		/444 NIAAC National Board, State	. Province and	Endorsemen	ts
Date		, and a second s	,		

As required by the provisions of the AS	SME Code Section	n XI		. Work Or	odor Neu	mbe	Sheet	
				:		653 - 0°		Dona 4 of 0
				_L	_			Page 1 of 2
1. Owner Duke Power Company		4	ee Nuclear Sta				Unit 3	
526 South Church Street		7800	Rochestor Hwy	<i>,</i> .			Date	//
Charlotte, NC 28201-1006		Sene	ca, SC 28672				12	13/07
3. Work Performed By					Туре Со	ode Symbol	Stamp Not App	Hicable
Duke Power Company 526 South Church Street					Author	ization Nun	nber Not App	licable
Charlotte, NC 28201-1006				Ì	Expirat	lon Date	Not App	licable
4. Identification of Systems, ASME Class	·	Main Steam	ASME Cla	ass 2			,	1-1
5. (a) Applicable Construction Cod <u>USAS B31.1</u> (b) Applicable Edition Section XI Utilized For R/R (c) Applicable Section XI Codes Cases(s)	1967: Edit Activity 1998: Edit <u>None</u>		lo Code Case					
6. Identification of Coimponents								
Name of Component	Manufacturer:	Manufacturer Serial Number	National Board No	Othe identifica		Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes/No)
(1) 3-01A-0-2401B-R5, 2 1/2 X 10 Snubber Rod Eye	Grinnell	N/A	UNK	N/A		UNK	Removed	No
2 1/2 X 10 spacer washer	Anvil		UNK			UNK		No
							-	
	-				.:		•	
				•			·	
7. Description of Work Replaced rod eye on Grinnell Size	2 1/2 X 10 Snubl	per.						
8. Test Conducted			,					,
☐ Hydrostatic ☐ Pnuem	atic	minal Operating Pre	essure 🗌 E	Excempt	<b>~</b>	Othe	r <u>Visual</u>	
Pressure	PSI		· · · · · · · · · · · · · · · · · · ·	Test Ten	nperat	ure	Deg	. F

required by the provisions of the ASME Code Section XI	Work Order t	lumbe _	Sheet		
·		0174	7653 - 01	Page 2	! of 2
7. Remarks (Applicable Manufactuers' Data Reports to be attached)					
(1) Replaced rod eye on Grinnell Size 2 1/2 X 10 Snubber.					
	·				
CERTIFIC	CATION OF CO	MPLIANCE			
I certify that the statements made in the report are corr ASME Code, Section XI			ents of the		
Type Code Symbol Stamp	Not App	licable			
Certificate of Autherization Number Not A	Applicable	Expiration Date	Not App	olicable	
Signed Will Water, Sr. Eng. Owner or Owner's Designee,	Title	Date	3/01		
I, the undersigned, holding a valid commission issued inspectors and State or province of NORTH CAROL	•	of Boiler and Pressu	•		
of <u>Hartford, Connecticut</u>		inspected the compo			
in the Owner's Report during the period //-/2- to the best of my knowledge and belief, the Owner has p described in this Owner's Report in accordance with the	erformed examination			that	
By signing this certificate neither the inspector nor his concerning the examinations and corrective measures de inspector nor his employer shall be liable in any manner any kind rising from or connected with this inspection.	escribed in this Owner	's Report. Furthermo	re, neither the	,	
Commission(s) A	SC 1444 NIAD	!C		· · · · · · · · · · · · · · · · · · ·	
Inspector's Signature	National Boar	rd, State, Province, and End	orsements	<del>-</del>	
· · · · · · · · · · · · · · · · · · ·					

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01677369 1 of 2 1. Owner 2. Plant Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 7/28/07 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class HPI, ASME Class 3/2 91. 1/14/68 5. (a) Applicable Construction Code: **USAS B31.7** No Edition, Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer **National** Other Year Corrected, **ASME** Component Manufacturer Serial Number Board No. Identification **Built** Removed, Code Stamped or Installed (Yes / No) 3/8" A36 Plate Shim for S/R 3-UTC #1093031 DPCo. N/A N/A 2007 Installed NO 51A-0-2479A-H<sub>2</sub>0C 7. Description of Work Attached the above to existing support 53-O-2478A-H3, by bolting, per OD300452, VN -OD300452F, VN-OD300452H, and VN-OD300452I. 8. - Test Conducted Hydrostatic Pneumatic Nominal Operating Pressure Pressure Test Temperature

Date

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01677369 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) ● Added 3/8" A36 Steel Plate for shimming. UTC# 1093031. **CERTIFICATE OF COMPLIANCE** I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization Number Not Applicable Expiration Date Not Applicable Date 12-12-2007 ENGINEER. Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described Hartford, Connecticut in this Owner's Report during the period /0-3/-07 to 1-15-08 , 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. Commissions NC14.44NIRBC Inspector's Signature National Board, State, Province, and Endorsements 1-15.08

As require	ed by the provisions of the ASI	ME Code Section	XI			Order Nu	mbe 460 - 03	Sheet	Page 1 of 2
1. Owner	Duke Power Company		2. Plant Ocone	e Nuclear Stat	ion			Unit 3	
	526 South Church Street			Rochestor Hwy				Date 1/	15/2008
	Charlotte, NC 28201-1006		Senec	a, SC 28672				<u> </u>	
3. Work Pe	rformed By					Туре Со	de Symbol	Stamp Not App	licable
	Duke Power Company 526 South Church Street				٠	Author	ization Nun	nber Not App	licable
	Charlotte, NC 28201-1006					Evolent	tion Date		
	Onanotto, No 20207 1000					Ехриа	uon Date	Not App	licable
4. Identifica	ation of Systems, ASME Class		Main Steam	, ASME Cla	iss 2				
(b) Applica	ble Construction Cod <u>USAS B31.1</u> ble Edition Section XI Utilized For R/R A ble Section XI Codes Cases(s)	1967: Editi Activity 1998: Editi None		o Code Case	,			·	
6. Identificati	ion of Coimponents								
•	Name of Component	Manufacturer:	Manufacturer Serial Number	National Board No	Oth identific		Year Built	Corrected, Removed or Installed	ASME Code Stamped (Yes/No)
	A-0-2441-R9(D), REPLACE SNUBBER	Lisega	614213/072	UNK	N/A		UNK	Removed	No
	2441-R9(D), REPLACE SNUBBER	Lisega	61314/062	UNK	UTC 102996	58	UNK	Installed	No
,								• ··	3 <u> </u>
							•		
		:		•					
						•			
   - 					·* .			unt un in inte	· ···
7. Descripti Rep	ion of Work laced Lisega snubber due to d	legraded hydaulic	fluid.				-		
8. Test Cor	nducted								
	Hydrostatic  Pnuem	atic No	ominal Operating Pro	essure 🔲 I	Excempl	t [	Othe	er <u>Visual</u>	·
	Pressure	PSI			Test To	empera	iture	Deg	. F

required by the provisions of the ASME Code	Section XI	Work Order N	•	Sheet	
	·	0178	1460 - 03	Pa	ge 2 of 2
Remarks (Applicable Manufactuerr's Data Reports to be at	ttached)		<u></u>		
) Replaced Lisega snubber due to degraded hy	ydaulic fluid.			4	
		•			
,	÷		•		
	CERTIFICATION OF	COMPLIANCE			
I certify that the statements made in the re ASME Code, Section XI	,		ents of the	•	
Type Code Symbol Stamp	No	ot Applicable	•	•	
Certificate of Autherization Number	Not Applicable	Expiration Date	Not App	olicable	
Signed Cum The Syr. Downer or Ou	Eng.	Date _///5	108		
CERT	IFICATION OF INSE	RVICE INSPECTIO	N		
I, the undersigned, holding a valid commis	•			·	
Inspectors and State or province of Alone of Hartford, Connection		employed by have inspected the compo	HSB CT	4	
in the Owner's Report during the period	<del></del>	1-15-08	, and state	*	
to the best of my knowledge and belief, the described in this Owner's Report in accordan	Owner has performed examir	nations and taken correctiv	e measures		
	stor per his ampleyer make	any warrenty, expressed or	implied		
By signing this certificate neither the inspe concerning the examinations and corrective inspector nor his employer shall be liable in any kind rising from or connected with this in	measures described in this C any manner for any personal	Owner's Report. Furthermo	re, neither the		
concerning the examinations and corrective inspector nor his employer shall be liable in any kind rising from or connected with this in	measures described in this C any manner for any personal espection.	Owner's Report. Furthermo injury or property damage	re, neither the		
concerning the examinations and corrective inspector nor his employer shall be liable in any kind rising from or connected with this in	measures described in this C any manner for any personal	Owner's Report. Furthermo injury or property damage	re, neither the	_	
concerning the examinations and corrective inspector nor his employer shall be liable in any kind rising from or connected with this in	measures described in this Cany manner for any personal aspection.  nision(s)   /// ///////////////////////////////	Owner's Report. Furthermo injury or property damage	re, neither the or a loss of	_	

As a service of the provisions of t	ha ASME Cada Sactio	n Y1								
As required by the provisions of t	THE MOINE COUR SECTION	n Ai			oder Nu		Sheet	· I		
				<u> </u>	01/81	460 - 0	o	Page 1 of 2		
1. Owner Duke Power Company	y .	2. Plant Ocon	ee Nuclear Stat	ion			Unit			
526 South Church Str	eet	7800	Rochestor Hwy	,			<u> </u>			
Charlotte, NC 28201-	1006	Sene	ca, SC 28672				Date 1	/15/2008		
3. Work Performed By					Type Co	ode Symbol	Stamp Not Ap	plicable		
Duke Power Company 526 South Church Str				į	Author	dzation Nun		nlianhla		
	, i						Mot Vb	plicable		
Charlotte, NC 28201-					Expira	tion Date	Not Ap	plicable		
4. Identification of Systems, ASME Class	s Bldg. Spray - H	igh Pressure Portior	n , ASME Cla	ass 2						
5.	1067. Edi	ia Na Addada	N- 0-4-0							
(a) Applicable Construction Cod <u>USAS B</u> (b) Applicable Edition Section XI Utilized F		ion, <u>No</u> Addenda <u>I</u> ion, 2000 Addenda	<u>No</u> Code Case							
(c) Applicable Section XI Codes Cases(s)	None									
6. Identification of Coimponents										
Name of Component	Manufacturer:	Manufacturer	National	Othe		Year	Corrected,	ASME Code		
-		Serial Number	Board No	identific	ation	Built	Removed or Installed	Stamped (Yes/No)		
(1) 3-54A-3-0-2435B-SR22, 1-1/	2 X Grinnell	N/A	UNK	N/A		UNK	Removed	No		
5 load pin and nuts.					(	<u> </u>	.2			
1-1/2 X 5 load pin nuts.	Anvit	N/A	UNK	UTC		UNK	Installed	No		
	·			189453	0	ŀ	<u> </u>			
1-1/2 X 5 load pin.	Anvil	N/A	UNK	UTC		ÜNK	Installed	No		
1-1/2 / 0 load pill.	1		0.111	189195	1	ONIX	mstalled			
	· · · · · · · · · · · · · · · · · · ·	<u></u>	<u> </u>			L	L			
		•						•		
	e e e e e e e e e e e e e e e e e e e					2,	- · - <u>-</u> <u>-</u> <u>-</u> <u>-</u> -			
,						•		-		
7. Description of Work										
Replaced 1-1/2 X 5 load pin	and nuts at clamp.			-						
8. Test Conducted	· ·				-		···			
Hydrostatic P	nuematic 🔲 No	minal Operating Pr	essure 🔲 E	Excempt	6	Other	er <u>Visual</u>			
Pressure	PSI			Test Te	mpera	ture	De	g. F		

'Form NIS-2 Owner's Report for Repair/Replacement Activities As required by the provisions of the ASME Code Section XI Sheet 01781460 - 06 Page 2 of 2 7. Remarks (Applicable Manufactuerr's Data Reports to be attached) (1) Replaced 1-1/2 X 5 load pin and nuts at clamp: CERTIFICATION OF COMPLIANCE I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI Type Code Symbol Stamp Not Applicable Certificate of Autherization, Number **Expiration Date** Not Applicable Not Applicable Date Owner or Owner's Designee, Title CERTIFICATION OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or province of North Corolina and employed by Hartford, Connecticut have inspected the components described 11-20-07 in the Owner's Report during the period 1-24-08 , 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 make any warrenty, 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 rising from or connected with this inspection. Commision(s) NCIYYY NIASL

National Board, State, Province, and Endorsements

nspector's Signature

Date 1-24-08

9

as required by the pro	SVISIONS OF the FRONT	L code occuon 2n		Work Order No	ımber	Sheet	• .
•			4	1781	1781071-04		of 2
1. Owner		2. PI	ant			Unit	• • • • • • • • • • • • • • • • • •
Duke Pov	wer Company		Oconee N	uclear Station		0	NS - 3
	h Church Street			nester Hwy		Date	··
Charlotte	, NC 28201-1006		Seneca, Se	C 29672		11/1	13/2007
3. Work Performe	d by			Type Code Syr		pplicable	
,	wer Company h Church Street			Authorization		pplicable	
	, NC 28201-1006	5		Expiration Date		ppheaole	•
						pplicable	
<ul><li>4. Identification of</li><li>5.</li><li>(a) Applicable Cons</li><li>(b) Applicable Editi</li><li>(c) Applicable Sect</li></ul>	Unit 3 SSF R	ASME Section III ad For R/R Activity		Edition, 1975 Edition, 2000	Adden	da, <u>No</u>	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 Stampe (Yes / No
Valve Core	Sharp Controls Co. Inc.	UNK	UNK	UNK	UNK	Installed	NO
Valve Core	Greer Hydraulics	UNK	UNK	UNK	UNK	Removed	NO
	·						
						1	
			•				
<del></del>							
·				1			
7. Description of The work being c exsitng valve core	ompleted involves	s the valve core fr	om the SSF RC	MUP 10 gallon ac	ccumulator	and replacing	the
8. Test Conducte Hydrost		<del>_</del>	perating Pressure Test Tem		Other _	SSF RCMUP T	EST

As required by the provisions of the ASME Code	Section XI		
		Work Order Number	Sheet
	(	1781071-04	2 of 2
. Remarks (Applicable Manufacturer's Data	Reports to be attached)		· · · · · · · · · · · · · · · · · · ·
			· · · · · · · · · · · · · · · · · · ·
0			•
<u> </u>			
<b>3</b>	·		•
0			
6			
<b>6</b>		•	
			and the control of th
0			
···			
<u> </u>	···		
9			
0			<b>,</b>
	· · · · · · · · · · · · · · · · · · ·		
I certify that the statements made in the ASME Code, Section XI.  Type Code Symbol Stamp		t Applicable	
Certificate of Authorization Number	Not Applicable	Expiration Date Not	Applicable
Signed Shake W. Jank	, Associate Engineer	Date 11/13/2	
Owner or Owner's Designed		11/13/2	2007
CE	RTIFICATE OF INSERVICE II	NSPECTION	· · · · · · · · · · · · · · · · · · ·
I, the undersigned, holding a valid com			sure Vessel
Inspectors and the State or Province of	NORTH CAROLINA	and employed by	HSB CT
of Hartford, Cor		have inspected the cor	•
in this Owner's Report during the period	11-12-07	to /-23-08	, and state that
to the best of my knowledge and belief described in this Owner's Report in accord			
By signing this certificate neither the			
concerning the examinations and correct	live measures described in	n this Owner's Report. Furth	nermore, n <sub>1</sub>
Inspector nor his employer shall be liable kind arising from or connected with this ins	in any manner for any pe		
and anong from or connected with this his			
Inspector's Signature	Commissions N	National Board, State, Province	
		ranona Doard, State, Provide	
Date /-23-08			

#### Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01745861 1. Owner 2. Plant Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 7800 Rochester Hwy 526 South Church Street Date Seneca, SC 29672 Charlotte, NC 28201-1006 12/7/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class LPSW, ASME Class 2 **USAS B31.7** (a) Applicable Construction Code: 19 Edition, No Addenda, Code Case No (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Manufacturer **National** Other Corrected, ASME Name of Name of Year Serial Number Component Manufacturer Board No. Identification Built Removed. Code or installed Stamped (Yes / No) 1.) 3-14B-2480C-DPCo None None UNK Removed None NO H6551 2.) 3-14B-2480C-DPCo None 2007 Installed None None NO H6551

				i.		
7. Description of Work			<u> </u>		<u>'</u>	
OE301738; S/R 3-14B-2480C-H653	51 - Temporaril	y remove to facil	litate replaceme	nt of KCPM	3A2. Reinstal	led and
verified configuration per design dra			-	•		
8. Test Conducted						
Hydrostatic Pneumat	ic Nominal (	Operating Pressure	<b>Exempt</b>	Other		
Pressure	PSI	Test Temp	perature	°F		
				<del></del>	····	· · · · · · · · · · · · · · · · · · ·

	Work Order Number	Sheet
	01745861	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
● S/R 3-14B-2480C-H6551:Temporarily remove		
S/R 3-14B-2480C-H6551:Reinstalled existing support with no new material	•	
•	•	
· ·		
9		
. 6		
		ga:
		· · · · · · · · · · · · · · · · · · ·
0		·
0		
Φ		
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 requiremen	nts of the
	licable	
	oplicable	
$\Omega I_1 \overline{\Omega}$	Expiration Date Not Ap	oplicable
Signed Engineer E	Date /2/1/07	<del></del>
David S. Perry		
CERTIFICATE OF INSERVICE INSE	PECTION	
I, the undersigned, holding a valid commission issued by the Nationa	al Board of Boiler and Pressure	
Inspectors and the State or Province of NORTH CAROLINA a of Hartford, Connecticut	nd employed by His have inspected the compo	SB CT onents described
in this Owner's Report during the period //- 8-07 to	12.8-07	, 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	the ASME Code, Section XI.	
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 perso	nal injury or property damage	or a loss of any
kind arising from or connected with this inspection.	1446 unes	
Commissions NC	National Board, State, Province, and	Endorsements
Date /2.8-07		Z. acroements

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1674163 1 of 2 2. Plant 1. Owner Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/4/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class 03-HPI, ASME Class 2 (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition, No Addenda, No Code Case 2000 (b) Applicable Edition Section XI Utilized For R/R Activity 19 . 98 Edition. Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Other Name of Name of Manufacturer National Year Corrected, ASME Component Manufacturer Serial Number Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) S/R 3-51A-1-0-2439A-H314 Grinnell N/À N/A UTC# 1071466 Installed NO Pipe Clamp **Description of Work** CLAMP IS REPLACED 8. Test Conducted Hydrostatic Exempt Pneumatic Nominal Operating Pressure Other ٥F Pressure Test Temperature

	Work Order Number	Sheet
<i>i</i>	1674163	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		<u> </u>
The state of the s	. 20.0021	
● 4" DIA. Pipe Clamp for Fig. 211 Type B Strut. UTC# 1071466, PN# SSCL	.AB0400BN	
0		· · · · · · · · · · · · · · · · · · ·
•		
•		
6	<u> </u>	
G.		
9		· · · · · · · · · · · · · · · · · · ·
·	· ·	
<b>8</b>		
<b>9</b>		
0	·	<del></del>
	·	
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 requiremen	nts of the
	pplicable	
		oplicable
Signed Stable 2 ENGINEER D	Pate 12/4/2007	
wner or Owner's Designee, Title		
	· .	<del></del>
CERTIFICATE OF INSERVICE INSP	*	
I, the undersigned, holding a valid commission issued by the Nationa	l Board of Boiler and Pressure	
of Hartford, Connecticut	have inspected the compo	SB CT onents described
\	1-15-08	, 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 By signing this certificate neither the Inspector nor his employer		essed or implied.
concerning the examinations and corrective measures described in th	is Owner's Report. Furtherr	nore, neither the
Inspector nor his employer shall be liable in any manner for any person kind arising from or connected with this inspection.	nal injury or property damage	or a loss of any
Commissions NC.	WKK NIDKA	
Commissions vo	/ / / / / / / / / / / / / / / / / / /	
Inspector's Signature	National Board, State, Province, and	Endorsements

As required by the pro	ovisions of the ASM	E Code Section XI	*	Work Order Num	hor	Sheet	· · · · · · · · · · · · · · · · · · ·
					•		-£ 2
		La Di		016760	31-01		of 2
1. Owner		2. Pl				Unit	10 2
	wer Company h Church Street		Oconee Nu 7800 Roch	clear Station			NS - 3
	, NC 28201-1006		Seneca, SC	•		Date 12/4	(2007
		t		Type Code Symb	ol Stamp	12/0	5/2007
3. Work Performe	d by			Type Code Symu		plicable	:
	wer Company		•	Authorization Nu			T I
	h Church Street e, NC 28201-1006	•			Not Ap	plicable	·····
Charlotte	5, NC 28201-1000	,		Expiration Date	Not An	plicable	
4. Identification o	f System, ASME C	ass	<del></del>		<u> </u>		
		High Pressu	re Injection, ASN	ME Class 2			<u> </u>
5.	oteration Code	LICAC D21 7	10 60	Edition No.	A el el a a el	, No. (	
<ul><li>(a) Applicable Con</li><li>(b) Applicable Edit</li></ul>	ion Section XI Utilize	USAS B31.7 ed For R/R Activity		Edition, No 2000	Addend Addend	·	Code Case
	tion XI Code Case(s				-		
6. Identification o	f Components						
Name of	Name of	Manufacturer Serial Number	National Board No.	Other Identification	Year	Corrected,	ASME
Component	Manufacturer	Seriai Number	Board No.	idenuncation	Built	Removed, or Installed	Code Stamped
	Ì.						(Yes / No)
3HP-140	Velan	UNK	N/A	N/A	UNK	Corrected	NO
	<del> </del>						
•						!	
			·				
· · · · · · · · · · · · · · · · · · ·							
	<del> </del>					<u> </u>	l
				Ì			
	<del> </del>			,	·		
							ļ
			·	·			
	<del> </del>			·····			
			,	·			
7. Description of	Work	-					
Disc replaced due	e to pitting and ero	sion damage that	resulted from se	at leakage.			
8. Test Conduct					7		
Hydros			perating Pressure			Visual Leak Ch	eck
	Pressure	PSI	Test Temp	erature	°F		

As fullred by the provisions of the ASME Code Section XI	Work O	der Number	Sheet	
	<b>j</b> .	1676031-01	2 of 2	2
9. Remarks (Applicable Manufacturer's Data Reports to be at				_
① Disc, UTC #: 0000849813, serial #: 211, Heat #: 54467				
2				
•		· ·		
0		· · · · · · · · · · · · · · · · · · ·		
6	1	· · · · · · · · · · · · · · · · · · ·		
6 4 4 4 4				-
0			K.	
8	•			
0				
*				
		······································		
I certify that the statements made in the report are confidence of ASME Code, Section XI.  Type Code Symbol Stamp	Not Applicable	ms to the requirem	ents of the	
Certificate of Authorization Number Not Applic		Date Not A	Applicable	
Signed Owner or Owner's Designee, Title	Sr. Engineer Date	12-6-0	7	
CERTIFICATE OF	INSERVICE INSPECTION			·
I, the undersigned, holding a valid commission issued Inspectors and the State or Province of North Connecticut of Hartford, Connecticut in this Owner's Report during the period //-// to the best of my knowledge and belief, the Owner described in this Owner's Report in accordance with the By signing this certificate neither the Inspector no concerning the examinations and corrective measures Inspector nor his employer shall be liable in any manner of arising from or connected with this inspection.	and emplo have requirements of the ASMI or his employer makes described in this Owner	yed by Inspected the complete of the complete	HSB CT ponents describerate and state prective measuressed or important precipitation and the control of the co	tha sure olie r th
	nissions NC/444			
Inspector's Signature  Date /-28-08	National Bo	oard, State, Province, an	nd Endorsements	
Date		•		

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 4 1499476 2. Plant 1. Owner Oconee Nuclear Station ONS - 3 **Duke Power Company** 526 South Church Street 7800 Rochester Hwy Date Seneca, SC 29672 Charlotte, NC 28201-1006 12/10/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Low Pressure Service Water, ASME Class 2 5. (a) Applicable Construction Code: USAS B31.1 67 Edition. No Addenda. No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 - 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Year Corrected, ASME Manufacturer Serial Number Board No. Identification Component Built Removed, Code Stamped or installed (Yes / No) **DPCo** 2007 Piping Installed NO none none none OSupport 14B-0-**DPCo** unk Corrected NO none none none 2480A-H15A 2 Support 14B-0-**DPCo** none none unk Corrected NO none 2480A-H15B Support 14B-0-**DPCo** unk Corrected NO none none none 2480A-H16A 9Support 14B-0-Corrected DPCo none · none none unk NO 2480A-H16B Support 14B-0-**DPCo** unk Corrected NO none none none 2480A-H27A 6 Support 14B-0-**DPCo** none none none unk Corrected NO 2480A-H27B Support 14B-0-**DPCo** none none none unk Corrected NO 2480A-H28A Support 14B-0-**DPCo** none unk Corrected NO none none 2480A-H28B 7. Description of Work Replace LPSW CS piping with SS and refurbish supports as necessary. 8. Test Conducted Mydrostatic |

Nominal Operating Pressure

**PSI** 

Exempt

**Test Temperature** 

۰F

Pneumatic

Pressure

As required by the pr	ovisions of the ASI	ME Code Section AT		Work Order N		Sheet	·
<del>.</del> .						1	 
	<u> </u>			14:	99476		of 4
1. Owner		2. 1	Plant			Unit	2
	wer Company th Church Street			Nuclear Station chester Hwy		ONS -	3
	in Church Street e, NC 28201-100	06		SC 29672		Date	410.40 <b>7</b>
					-11-O4		/10/07
3. Work Performe	ed by			Type Code Sy		np Applicable	
	ower Company			Authorization			
	th Church Street			<u> </u>	Not a	Applicable	
Charlotte	e, NC 28201-10	06		Expiration Dat		Applicable	
4. Identification of	of System, ASME	Class			1101.2	Аррисале	
4. Idominica			Service Water,	, ASME Class 2			!
5.							
(a) Applicable Con		USAS 31.1	19 68	Edition, No			Code Case
. , , ,	tion Section XI Utili ction XI Code Case	ized For R/R Activity e(s) None	y 19 <u>98</u>	Edition,2000	Adde	nda.	l
6. Identification of		(0)		<del></del>			
Name of	Name of	Manufacturer	National	Other	Year	Corrected,	ASME
Component	Manufacture	Serial Number	Board No.	Identification	Built	Removed,	Code
	r				1	or installed	Stamped (Yes / No)
9Support 14B-	<del></del>	<del> </del>		<del> </del>		<u> </u>	<del> </del>
0-2480A-H29A	DPCo	none	none	none	unk	Corrected	NO
©Support 14B-	DPCo	none	none	none	unk	Corrected	NO
0-2480A-H29B	Dred	none	none	none	UIIK	Corrected	NO
11)Support 14B-	DPCo	none	none	none	unk	Corrected	NO
0-2480A-30A					<del>                                     </del>	,	ļ
12)Support 14B-` 0-2480A-H30B	DPCo	none	none	none	unk	Corrected	NO
13)Support 14B-							<del>                                     </del>
0-2480A-H31A	DPCo	none	none	none	unk	Corrected	NO
14)Support 14B-	DPCo	none	none	none	unk	Corrected	NO
0-2480A-H31B	Dred	none	none	none	UIIK	Corrected	NO
15)Support 14B-	DPCo	none	none	none	unk	Corrected	NO
0-2480A-H37A				7.			<b></b>
16)Support 14B- 0-2480A-H37B	DPCo	none	none	none	unk	Corrected	NO
17)Support 14B-							<del></del>
0-2480A-H38A	DPCo	none	none	none	unk	Corrected	NO
18)Support 14B-	DDC					Commented	NO
0-2480A-H38B	DPCo	none	none	none	unk	Corrected	NO
19)Support 14B-	DPCo	none	none	none.	unk	Corrected	NO
0-2480A-H9A						,	
20)Support 14B- 0-2480A-H9B	DPCo	none	none	none	unk	Corrected	NO .
0 2 10011 12,2			1				

•		Work Order Number	Sheet
		1499476	3 of 4
9. Remarks (Applicable Manufac	turer's Data Reports to be attached)		
<b>O</b> Support 14B-0-2480A-H15A,	Replaced: flat bar 1/2"x 3",angle 3"x3"x3/8",	hex bolt ½"x 1 ¼", washer ½"	
<b>②</b> Support 14B-0-2480A-H15B,	Replaced: flat bar 1/2"x 3", washer 1/2", angle 3	3"x3"x3/8", hex bolt ½"x 1 ¼"	
<b>⑤</b> Support 14B-0-2480A-H16A,	Replaced: flat bar ½"x 3"		
● Support 14B-0-2480A-H16B,	Replaced: flat bar 1/2"x 3"		·
<b>⑤</b> Support 14B-0-2480A-H27A,	Replaced: flat bar 1/2"x 3", washer 1/2", wedge	anchor 34", hex bolt 1/2"x 1 1/4"	
<b>6</b> Support 14B-0-2480A-H27B,	Replaced: flat bar ½"x 3", washer ½", hex bo	lt ½"x 1 ¼", U-bolt ½"x 4"	
<b>②</b> Support 14B-0-2480A-H28A,	Replaced: flat bar ¼"x 2", washer ½", hex bo	olt ½"x 1 ¼", U-bolt ½"x 4"	
	Added: flat bar 1/4"x 2", Replaced: washer 1/2"		
9 Support 14B-0-2480A-H29A,	Replaced: flat bar ½"x 5", flat bar ¼"x 2", we washer ½", hex bolt ½"x 1 ¼", U-bolt ½"x 4		chor 5/8"x 4 3/4"
<b>©</b> Support 14B-0-2480A-H29B,	Replaced: flat bar ¼"x 2", washer ½", hex bo	lt ½"x 1 ¼", U-bolt ½"x 4"	
•			

CERTIFICATE OF COM	MPLIANCE				
I certify that the statements made in the report are correct and ASME Code, Section XI.	that this conforms to the requirements of the				
Type Code Symbol Stamp Not Applicable					
Certificate of Authorization Number Not Applicable	Expiration Date Not Applicable				
Signed SEE PARG # H  Owner or Owner's Designee, Title	Date SEE PAGE # 4				

,				
CERTIFICAT	E OF INSERVICE INSPECTION			
I, the undersigned, holding a valid commission i	ssued by the National Board of Boiler and	Pressure Vessel		
Inspectors and the State or Province of	and employed by	HSB CT		
of Hartford, Connecticut	have inspected th	have inspected the components described		
in this Owner's Report during the period	to	, and state that		
to the best of my knowledge and belief, the Owdescribed in this Owner's Report in accordance with By signing this certificate neither the Inspect concerning the examinations and corrective meas Inspector nor his employer shall be liable in any mixing arising from or connected with this inspection.	n the requirements of the ASME Code, Sector nor his employer makes any warrant sures described in this Owner's Report.	ction XI. ty, expressed or implied, Furthermore, neither the		
	Commissions			
Inspector's Signature	National Board, State, Pro	ovince, and Endorsements		
Date		·		

	Work Order Number	Sheet
· ·	1499476	4 of 4
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
	· · · · · · · · · · · · · · · · · · ·	
11) Support 14B-0-2480A-H30A, Replaced: washer 1/2", U-bolt 1/2"x 4"		
12) Support 14D 0 24904 H20D Deplaced: weeker 14" II helt 14" v 4"		
12) Support 14B-0-2480A-H30B, Replaced: washer ½", U-bolt ½"x 4"		
13) Support 14B-0-2480A-H31A, Removed: 1/2"x 4" lug with old CS piping, R	Replaced: ½"x 4" lug	
14) Support 14B-0-2480A-H31B, Replaced: flat bar ½"x 3"		
11) depport 12 0 2 10011 12012, 110ptates 1111 12		
15) Support 14B-0-2480A-H37A, Replaced: flat bar 1/2" x 3", angle 1 1/2" x 1 1/2"	'x ¼", U-bolt ½"x 4"	
16) Support 14B-0-2480A-H37B, Replaced: flat bar ½"x 3", washer ½", U-bo	lt ½"x 4"	
17) Support 14B-0-2480A-H38A, Replaced: flat bar ½"x 1 11/16"x 4" Lg.		<u></u>
18) Support 14B-0-2480A-H38B, Replaced: flat bar 1"x 3"		
19) Support 14B-0-2480A-H9A, Replaced: flat bar 1"x½"x2" Lg., flat bar ½"	x 1 34"x4" Lg., flat bar ½'x3", w	asher ½", angle 3"x
3" x 3/8", hex bolt ½"x 1 ¼",		
20) Support 14B-0-2480A-H9B, Replaced: flat bar 1/2"x3", hex bolt 1/2"x 1 1/4"	",washer ½", angle 3"x 3" x 3/8"	,
CERTIFICATE OF COMPLIAN	NCE	
I certify that the statements made in the report are correct and that the	his conforms to the requireme	nts of the
ASME Code, Section XI.	^	
Type Code Symbol Stamp Not A	pplicable	
Certificate of Authorization NumberNot Applicable	Expiration Date Not A	pplicable
Signed John Bradshow, JOHN BRADSHAW TOCH SPECIAL	Date 12/10/07	
Owner or Owner's Designee, Title	14/10/01	
•	· · · · · · · · · · · · · · · · · · ·	
CERTIFICATE OF INSERVICE INSI	PECTION	
I, the undersigned, holding a valid commission issued by the National		
Inspectors and the State or Province of North CAROLNA of Hartford, Connecticut	and employed by Have inspected the comp	ISB CT
in this Owner's Report during the period 10-24-07 to	· ·	, and state that
to the best of my knowledge and belief, the Owner has performed	examinations and taken co	rrective measures
described in this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his employe		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 personal kind arising from or connected with this inspection.	onal injury or property damag	e or a loss of any
Commission 1/2	1414	
Commissions NC	National Board, State, Province, an	d Endorsements
Date /-30-08		·

. , , , ,	ovisions of the ASM			Work Order N	lumber	Sheet		
				175	5557-81	10	of 3	
1. Owner	. Owner 2. Plant		lant	<del></del>		Unit		
Duke Power Company			Oconee Nuclear S		ar Station		ONS - 3	
	th Church Street	Ì		hester Hwy		Date		
Charlotte	e, NC 28201-1006		Seneca, S	C 29672		1,1/1	5/2007	
3. Work Performe	ed by			Type Code Sy		pplicable		
Duke Power Company 526 South Church Street			Authorization	Authorization Number				
	th Church Street e, NC 28201-1006	5		Evaluation De		pplicable	<del></del>	
Chai lou	0,110 20201 1000	:	•	Expiration Da		pplicable		
4. Identification of	of System, ASME C							
·	· · ·	Jnit 3 Low Press	ure Service Wat	er, ASME Class	2			
<ul><li>5.</li><li>(a) Applicable Con</li></ul>	etruction Code:	USAS B31.7	19 67	Edition, No	Adden	da. No (	Code Case	
	tion Section XI Utilize		19 98	Edition, 2000		·	Code Case	
(c) Applicable Sec	tion XI Code Case(s	) None						
6. Identification of	of Components							
Name of	Name of Manufacturer	Manufacturer Serial Number	National	Other	Year	Corrected,	ASME	
Component	Manutacturer	Serial Number	Board No.	Identification	Built	Removed, or Installed	Code Stampe	
	1					1	(Yes / No	
(152 in.) of 5/8"	LDW	TOW	T 13 112	S/C#297412	I I D III		270	
Threaded Rod	UNK	UNK	UNK	UTC#1821577 & 1891716	UNK	Removed	NO	
(84) 5/8" Heavy				S/C#293556				
Hex Nuts	UNK	UNK	UNK	UTC#1897766 & 1834698	UNK	Removed	NO	
(72 in.) of 1/2"	1 D W			S/C#347760	<del></del>		1	
Threaded Rod	UNK	UNK	UNK	UTC#1820621	UNK	Removed	NO	
(16) 1/2" Heavy	UNK	UNK	UNK	S/C#313135	UNK	Removed	NO	
Hex Nuts	OT CIT	OTTE		UTC#1822331	- C. (1)	removed	110	
(32) 3/4" Heavy Hex Nuts	UNK	UNK	UNK	S/C#131796 UTC#1831665	UNK	Removed	NO	
(80 in.) of 3/4"			ļ	S/C#297413				
Threaded Rod	UNK	UNK	UNK	UTC#1893732	UNK	Removed	NO	
(16) 1/2"				S/C#347760				
Hardened Steel Washers	UNK	UNK	UNK	UTC#1820621	UNK	Removed	NO	
(16) 5/8"				5/04222022				
Hardened Steel	UNK	UNK	UNK	S/C#233023 UTC#1891720	UNK	Removed	NO	
Washers (72 in.) 1/2"				S/C#297411			<del>                                     </del>	
Threaded Rod	UNK	UNK	UNK	UTC#1832194	1 1 1 1 1 1 1 1 1	Removed	NO	
7. Description of	Work		<u> </u>	· <del></del>		<u> </u>		
	was to reconnect th							
Several of the part	rts used to bolt the	LPSW and RC s	ystem together	were found to be	worn and n	eeded replacer	nent.	
8. Test Conduct	ed							
Hydros	<del></del> -	<del></del>	Operating Pressure	. —	Other _	Check for leaks	<u> </u>	
4	Pressure	PSI	Test Tem	perature	۰F			

				Work Order N	ignisser	Sheet	
				175	5557-81	2 0	of 3
1. Owner		1 2.	Plant			Unit	
	Power Company			Nuclear Station	,	· •	NS - 3
	outh Church Stree	t		chester Hwy		Date	
Charlo	tte, NC 28201-10	006		SC 29672	•	1	19/2007
3. Work Perfor	med by		· · · · · · · · · · · · · · · · · · ·	Type Code S		ıp ·	
Duke l	Power Company	•		Authorization		Applicable	
	outh Church Stree	et		Addionzación		Applicable	
Charlo	otte, NC 28201-1	006	· .	Expiration Da			
4 Identification	n of System, ASM	Closs			Not	Applicable	
4. identification	i di aystem, Aami		ssure Service Wa	ater, ASME Class	2		
5.							
	Construction Code:	USAS B31.7		Edition, No		′ <del></del>	Code Case
	dition Section XI Ut	ilized For R/R Activi	ty 19 <u>98</u>	Edition,2000	Adde (	enda.	
• • • • • • • • • • • • • • • • • • • •	of Components	Trone		<u> </u>	<u> </u>		
Name of	Name of	Manufacturer	National	Other	Year	Corrected,	ASME
Component	Manufacturer	Serial Number	Board No.	Identification	Built	Removed,	Code
						or installed	Stamped (Yes / No)
(84) 5/8"				S/C#293556			
Heavy Hex Nuts	UNK	UNK	UNK	UTC#1897766	UNK	Installed	NO
(16) 1/2"		<del></del>		& 1834698			<del> </del>
Hardened	UNK	UNK	UNK	S/C#347760 UTC#1820621	UNK	Installed	NO
Steel Washers (72 in.) 1/2"				S/C#347760		. '	
Threaded Rod	UNK	UNK	UNK	UTC#1820621	UNK	Installed	NO
(16) 5/8"				S/C#233023			
Hardened Steel Washers	UNK	UNK	UNK	UTC#1891720	UNK	Installed	NO
(32) 3/4"				S/C#131796			
Heavy Hex Nuts	UNK	UNK	UNK	UTC#1831665	UNK	Installed	NO
(80 in.) of 3/4"				S/C#297413			
Threaded Rod	UNK	- UNK	UNK	UTC#1893732	UNK	Installed	NO
(72 in.) of 1/2"	UNK	UNK	UNK	S/C#297411	UNK	Installed	NO
Threaded Rod	OINE .	OIVIX	UIVA	UTC#1832194	UNK	mstantou	110.
(16) 1/2" Heavy Hex	UNK	UNK	UNK	S/C#313135	UNK	Installed	NO
Nuts	OTHE		·	UTC#1822331	OTIK	mounted	110
(152 in.) of 5/8" Threaded	UNK	UNK	UNK	S/C#297412	עוואוון	Tmata 11 - 1	NO
Rod	UNK	UNK	UNK	UTC#1821577 & 1891716	UNK	Installed	NO
	:						

4 . .

.,	Wo	rk Order Number	Sheet
	1	1755557-81	3 of 3
9. Remarks (Applicable Manufacturer's Data Reports to be atta	ched)		
<u> </u>			•
<b>9</b>			<del></del>
<b>6</b>			
0			
<b>6</b>			
<b>6</b>			
<u> </u>		<u></u>	
<u> </u>			
8			
9			,
<b>0</b>			
CERTIFICATE	OF COMPLIANCE		
I certify that the statements made in the report are con ASME Code, Section XI.	rect and that this co	onforms to the requ	uirements of the
Type Code Symbol Stamp	Not Applic	able	
Certificate of Authorization Number Not Applica	ble Expir	ation Date	Not Applicable
	te Engineer Date	11/	19 CHE 11/19/01 15/2007
gwner or Owner's Designee, Title	· .		<del></del>
CERTIFICATE OF I	NSERVICE INSPECT	ION	
I, the undersigned, holding a valid commission issued	by the National Box	ard of Boiler and P	ressure Vessel
Inspectors and the State or Province of NORTH CARE	and e	mployed by	HSB CT
of Hartford, Connecticut in this Owner's Report during the period //-8-07		have inspected the ノ- ノゲ・の名	components describe and state the
to the best of my knowledge and belief, the Owner h			
described in this Owner's Report in accordance with the re	equirements of the	ASME Code, Section	ion XI.
By signing this certificate neither the Inspector not concerning the examinations and corrective measures			
Inspector nor his employer shall be liable in any manner kind arising from or connected with this inspection.			
Comm	issions NC/44	14 NIABC	
Inspector's Signature	Natic	nal Board, State, Provi	ince, and Endorsements
**************************************	- 1		

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1754656 1 of 2 Unit 1. Owner 2. Plant ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/3/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class RCS, ASME Class 1 5. **USAS B31.7** (a) Applicable Construction Code: 19 Edition, No. Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 2000 Edition, Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components **ASME** Name of Name of Manufacturer **National** Other Year Corrected, Component Manufacturer Serial Number Board No. Identification Built Removed. Code or installed Stamped (Yes / No) DEC 2007 Installed NO Pipe None None None See the second of the second s 7. Description of Work The HPI/RCS normal make-up thermal sleeves were found cracked during the video inspection and had to be replaced. To make repairs the pressure boundary parts had to be cut; during assembly a short section of 1 inch pipe was replaced. 8. Test Conducted Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Leak Check

**Test Temperature** 

Pressure

	Work Order Number	Sheet
	1754656	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
• Weld material added as part of the installation process.  1 inch stainless steel S/C 439066, UTC # 1822069, Ht # AH1217		
<b>9</b>		
€		<del>-</del>
0		
6		·
6		
0	· · · · · · · · · · · · · · · · · · ·	
<b>9</b>		
0		
•		
OFFICIATE OF COM	DI IANO	
I certify that the statements made in the report are correct and ASME Code, Section XI.		ents of the
Type Code Symbol Stamp	Not Applicable	
Certificate of Authorization NumberNot Applicable	Expiration Date Not A	Applicable
Signed Be Senior Enginee Owner or Owner's Designee, Title	er Date 12/3/200	07.
CERTIFICATE OF INSERVIC	E INSPECTION	
I, the undersigned, holding a valid commission issued by the N Inspectors and the State or Province of North Carolina of Hartford, Connecticut in this Owner's Report during the period 8-21-07 to the best of my knowledge and belief, the Owner has perford described in this Owner's Report in secondaria with the requirement.	and employed by have inspected the com to /-25- a8 rmed examinations and taken co	HSB CT ponents described , and state that prrective measures
described in this Owner's Report in accordance with the requiremental By signing this certificate neither the Inspector nor his employermental concerning the examinations and corrective measures described inspector nor his employer shall be liable in any manner for any kind arising from or connected with this inspection.	ployer makes any warranty, exp d in this Owner's Report. Furthe	ressed or implied, ermore, neither the
Commissions Inspector's Signature	National Board, State, Province, as	nd Endorsements
Date 1-29-08		·

クレンチ/3/3

As required by the pro				Work Order Number		Sheet	
				01742554	4 - 36	1 c	of 2
1. Owner			2. Plant			Unit	
Duke Pov	wer Company	J	Ocone	e Nuclear Station		OI	NS - 3
	h Church Street			Rochester Hwy	,	Date	
Charlotte	, NC 28201-100	)6	Seneca	a, SC 29672			2-8-07
3. Work Performed				Type Code Symbol S	Stamp Not Appl	licable	
	wer Company			Authorization Numbe			
	th Church Street e, NC 28201-100				Not Appl	licable	
Charlotte	, NC 20201-100	ю		Expiration Date	Not Appl	licable	
4. Identification of	System, ASME		or Coolant System	o. ASME Class 1			
5.				,			
(a) Applicable Cons			34.7 19 69			da, ANO.	Code Case
(b) Applicable Edition				Edition, 2000	Addend	Ja.	
(c) Applicable Secti  6. Identification of		(S)(S)	1-2 and 14-030-1		······································		
Name of	Name of	Manufactu	ırer   National	Other Identification	Year	Corrected,	ASME
Component	Manufacturer	Serial Num			Built	Removed, or Installed	Code Stamped (Yes / No)
3RC-4, PORV Block Valve	Westinghouse	UNK	UNK	None	UNK	Corrected	No
1					1		
	· · · · · ·				+ - !	j	<del> </del>
!							
7. Description of	Work				ســـــــــــــــــــــــــــــــــــــ		L
existing pressurize install the weld ov	er safetý/relief va verlays it was ned	alve nozzles cessary to rer	to flanges Alloy 6 move block valve	90 (weld metal Alloy 52 600 (weld metals Alloy 8 3RC-4. When 3RC-4 w	82/182) b	butt welds. In	order to
associated fittings, This NIS-2 form is			•				
8. Test Conducted	4						<del></del>
Hydrostz	<u> </u>	atic Nor	minal Operating Pres	essure Exempt Emperature	Other _		
2	4 1 C35 G1 C		A	mperature			

2	Squitor by the pro-	Work Order Number	Sheet
	<u> </u>	01742554-36	2 of 2
9.	Remarks (Applicable Manufacturer's Data Reports to be attached)		
0	3RC-4 1/2" tubing and fittings were replaced:		
	a. Tubing: ½", ASME SA213 TP304, seamless, 0.065" (stock code 222142)	)	
	b. Tube Union; Swagelok, 1/4", ASME SA470 TP316, compression (stock co	ode 223141)	
-			
* <u>**</u>	nemen og i Alfa Stællige Mensk forskere forskere i 1900 på er	<del>2</del> <u>20 </u>	na Maria
<u> </u>		·	
<b>4</b>			
	CERTIFICATE OF COMPLIAN		
AS	I certify that the statements made in the report are correct and that the SME Code, Section XI.	nis conforms to the requirement	nts of the
1		pplicable	
	•		pplicable
	A !	Date 12-8-07	
	gned L. S. White, Engineer Hubite D  Owner or Owner's Designee, Title	/ale 12-0-0,	
	CERTIFICATE OF INSERVICE INSP	PECTION	
Ins	I, the undersigned, holding a valid commission issued by the Nationa spectors and the State or Province of Noero Caeolina at		
of		and employed by His have inspected the compo	ISB CT onents described
	this Owner's Report during the period 10-16-07 to	0 1-28-08	, and state that
to 1	the best of my knowledge and belief, the Owner has performed scribed in this Owner's Report in accordance with the requirements of	examinations and taken cor	rective measures
1	By signing this certificate neither the Inspector nor his employer	r makes any warranty, expre	essed or implied,
	ncerning the examinations and corrective measures described in th	his Owner's Report. Furtherr	more, neither the
	spector nor his employer shall be liable in any manner for any person nd arising from or connected with this inspection.	nal injury or property damage	3 Or a 1055 UI ally
1	Commissions NC/	IUKKI MIDAL	
_		National Board, State, Province, and	J Endorsements
Da	ate		i

OD 30137(

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01742551 1 of 2 2. Plant Unit 1. Owner Oconee Nuclear Station **ONS - 3 Duke Power Company** 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12-9-07 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant System, ASME Class 1 No A (a) Applicable Construction Code. USAS B31.7 19 69 Edition, No Code Case Addenda, (b) Applicable Edition Section XI Utilized For R/R Activity 98 19 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) N-504-2 and N-638-1 6. Identification of Components Name of Name of Manufacturer **National** Other Year Corrected. ASME Component Månufacturer Serial Number Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) ressurizer 4" Weld# Spray Nozzle butt WSI None None 2007 Corrected No 3-PZR-WP45-OL weld to safe-end Pressurizer 4" Weld# spray piping butt-WSI None None 2007 Corrected No 3-PSP-1-OL weld to safe-end 7. Description of Work Design Change OD301376 installed full structural weld Alloy 690 (weld metal Alloy 52M) overlays over the existing Alloy 600 (weld metals Alloy 82/182) butt weld connecting the pressurizer spray nozzle to the safe-end (3-PRZ-WP45), the safe-end, and the safe-end to piping butt weld (3-PSP-1). The weld overlay was designed and installed by Welding Services Inc/Structural Integrity Associates, Inc. (WSI/SIA).

Nominal Operating Pressure

PSI

Exempt

Test Temperature

8. Test Conducted

Hydrostatic

Pneumatic

Pressure

	01742551	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
0		
0	* .	
<b>3</b>		
4		
9	·.	
	•	
	To the second of	n ga karaka sebua 1879 1875
		•
<u> </u>	<u>.                                    </u>	
<b>0</b>		
Certificate of Authorization Number Not Applicable  Signed L. S. White, Engineer Herbite	pplicable  Expiration Date Not 2  Date 12-9-0	Applicable
Owner or Owner's Designee, Title		
CERTIFICATE OF INSERVICE INSE	PECTION	
I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of North Carolina and of Hartford, Connecticut in this Owner's Report during the period 8-8-07 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 the Inspector nor his employer shall be liable in any manner for any person kind arising from or connected with this inspection.	have inspected the complex and taken control and taken and taken control and taken c	HSB CT ponents described, and state that prective measures ressed or implied, ermore, neither the ge or a loss of any
Date 1-28-08	National Board, State, Province, an	nd Endorsements

Work Order Number

Sheet

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

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 1742548 1. Owner 2. Plant Unit **Duke Power Company** Oconee Nuclear Station **ONS - 3** 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12-8-07 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant, ASME Class 1 (a) Applicable Construction Code: USAS B31.7 19 69 Edition, No Addenda, No Code Case 19 98 Edition, (b) Applicable Edition Section XI Utilized For R/R Activity 2000 Addenda. (c) Applicable Section XI Code Case(s) N-504-2 and N638-1 6. Identification of Components Name of Manufacturer **National** Other Identification Name of Year Corrected, **ASME** Component Manufacturer **Serial Number** Board No. Built Removed. Code or Installed Stamped (Yes / No) Pressurizer 10" Weld# Surge Nozzle butt WSI None 1974 None Corrected No 3-PZR-WP23-OL weld to safe end Reactor Coolant Weld# Hot Leg 10" WSI None None 3-PHB-17-OL 1974 Corrected No Surge Nozzle butt 3-PSL-10-OL weld to pipe Reactor Coolant Hot Leg 12" Weld# WSI Decay Heat None None 3-PHA-17-OL 1974 Corrected No Nozzle butt weld 3-53A-18-11-OL to pipe Pressurizer 11/2" B&W None None 1974 None Removed No Thermowell Pressurizer 11/2" WSI SN-TW-01 None 3 RC TW 0305 2007 Installed No Thermowell 7. Description of Work Design Change OD301377 installed full structural Alloy 690 (52M) weld overlays over the following existing Alloy 600 (82/182) butt welds: Pressurizer 10-inch surge nozzle to safe-end (3-PZR-WP23) 1. 2. Surge nozzle to 10-inch piping (3-PHB-17 & 3-PSL-10) 3. Reactor Coolant System 12-inch hot leg nozzle to piping (3-PHA-17, & 3-53A-18-11) Design Change OD301377 also replaced the existing Alloy 600 (82/182) pressurizer thermowell with an Alloy 690 (52M/152M) thermowell. **Test Conducted** Nominal Operating Pressure Exempt Hydrostatic Pneumatic **Test Temperature** Pressure

	4			Work Order Numb	er	Sheet	
				174254	8	2 of	2
9. Remarks (Applic	able Manufacturer's Data R	Reports to be attached)					
Replacement Al	lloy 690 Thermowell - Ref.	Dwgs OM 2201-3220.00	01 & O	M 2201-3212.001 - (	Oconee Stoc	k Code 855	5447.
0							
8							
•							
9							, "
	:						
6				4		<u>.                                    </u>	
	1. Militario de la composició de la comp	ada Raza E. Hatti.	<u> </u>			Section + Const. 2	
<b>3</b>							
9							
0						·	
I certify that the ASME Code, Section Type Code Symbol			that th		requiremei	nts of the	
	orization Number			Expiration Date	Not A	plicable	· · · · · ·
Signed L. S. Whi	te, Engineer  Owner or Owner's Designee,	Title		, <del></del>	8-67		
		TIFICATE OF INSERVIC					
Inspectors and the of	ned, holding a valid comm State or Province of/ Hartford, Conn	NORTH CAROLNA necticut	a	Il Board of Boiler ain not employed by have inspected in the control of the contr	Н	SB CT	scribed
	oort during the period knowledge and belief,	9-18-57 the Owner has perfo			taken cor	, and sta	
described in this O By signing this concerning the ex- inspector nor his e	wner's Report in accorda cortificate neither the aminations and corrective employer shall be liable in connected with this insp	ance with the requirement Inspector nor his emuse measures describe In any manner for any	ents of ployer <b>d in th</b>	the ASME Code, S makes any warr is Owner's Repor	Section XI. anty, expre t. Furtherr	essed or nore, neit	implied
3	orallo	Commissions		1444 NIASC	Drovince or 1	Endorsema	nts
Date 1-29	ector's Signature			National Board, State,	rrovince, and	Endorseme	nts
Date	<del></del>						

				Work Order Num	nber	Sheet	
				01765	5541	ì	of 3
1. Owner		2. PI	ant			Unit	
	ver Company			clear Station		01	NS - 3
	Church Street		7800 Roche	•		Date	
Charlotte,	, NC 28201-1006		Seneca, SC				1/2007
3. Work Performed	-			Type Code Symt		pplicable	
526 South	wer Company h Church Street			Authorization Nu		pplicable	
Charlotte	, NC 28201-1006	<u> </u>		Expiration Date	Not Ap	pplicable	
4. Identification of	System, ASME CI		Injection (HPI), A	ASME Class 1			
5. (a) Applicable Cons (b) Applicable Editio (c) Applicable Secti	on Section XI Utilize ion XI Code Case(s			Edition, No Edition, 2000	Addend Addend	·	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)
Addt'l weld material to base of the vent/drains containing the valves listed below:	·			·			
3HP-322	NA	NA	NA	NA	NA	Corrected	NO
3HP-323	NA	. NA	NA.	NA	NA	Corrected	NO
3HP-326	NA	NA	NA	NA	NA	Corrected	NO
3HP-327	NA	NA	NA	NA	NA	Corrected	NO
3HP-334	NA	NA	NA .	NA	NA	Corrected	NO
,		·					
		1		•	1	1	ĺ

enterent in grangenem kan skam stage som med grant in stagen til stad og plantegeren skamting i stad fra koll Frankriger

	Work Order Number	Sheet
	01765541	3 of 3
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	<u>*************************************</u>	·
0		
8		
<b>8</b>		
•		
6	·	
G Andrews and the Company of the Com	The Total Control of the control of	e e Salesa ji ni vi isi
	<u> </u>	26
•		٠.
•		
0		
CERTIFICATE OF COMPLIA	NCE	
	NCE	
I certify that the statements made in the report are correct and that t		nts of the
I certify that the statements made in the report are correct and that the ASME Code, Section XI.	his conforms to the requiremer	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 requiremer	
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	his conforms to the requiremer  pplicable  Expiration DateNot Ap	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  Not Applicable	his conforms to the requiremer	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  Signed  Geary L. Armentrout, Senior Engineer	his conforms to the requiremer  pplicable  Expiration DateNot Ap	pplicable
I certify that the statements made in the report are correct and that it ASME Code, Section XI.  Type Code Symbol Stamp  Not A  Certificate of Authorization Number  Signed  Geary L. Armentrout, Senior Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSERV	his conforms to the requirement pplicable  Expiration Date Not Applicate 11/1/2007	oplicable
I certify that the statements made in the report are correct and that it ASME Code, Section XI.  Type Code Symbol Stamp  Not A  Certificate of Authorization Number  Signed  Geary L. Armentrout, Senior Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSERV	pplicable  Expiration Date Not Ap  Date 11/1/2007  PECTION  al Board of Boiler and Pressure	oplicable 7 Proposed Vessel
I certify that the statements made in the report are correct and that it ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed  Geary L. Armentrout, Senior Engineer  Owner or Owner's Designee. Title  CERTIFICATE OF INSERVICE INSE	pplicable  Expiration Date Not Ap  Date 11/1/2007  PECTION  al Board of Boiler and Pressure and employed by H3  have inspected the compo	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  Not Applicable  Signed  Geary L. Armentrout, Senior Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INS	pplicable  Expiration Date Not Applicable  Date 11/1/2007  PECTION  al Board of Boiler and Pressure and employed by History have inspected the composite of the	e Vessel SB CT onents described , and state that
I certify that the statements made in the report are correct and that it ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed  Geary L. Armentrout, Senior Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSTITUTE OF INSERVICE INSERVICE INSTITUTE OF INSERVICE INSERVICE INSTITUTE OF INSERVICE I	pplicable  Expiration Date Not Applicable  Date 11/1/2007  PECTION  all Board of Boiler and Pressure and employed by Hispand employed by have inspected the composite of the ASME Code, Section XI.	e Vessel SB CT Denents described , and state that rective measures
I certify that the statements made in the report are correct and that it ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed  Geary L. Armentrout, Senior Engineer  Owner or Owner's Designee. Title  CERTIFICATE OF INSERVICE INSE	pplicable  Expiration Date Not Applicable  Date 11/1/2007  PECTION  al Board of Boiler and Pressure and employed by History have inspected the composite of the ASME Code, Section XI.  It makes any warranty, express	e Vessel SB CT Donents described , and state that rective measures 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  Not Applicable  Signed  Geary L. Armentrout, Senior Engineer  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 North Carolina  In this Owner's Report during the period  in this Owner's Report during the period  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	pplicable  Expiration Date Not Applicable  Date 11/1/2007  PECTION  al Board of Boiler and Pressure and employed by History have inspected the composite of the ASME Code, Section XI.  Ir makes any warranty, expression of the Owner's Report. Furthern	e Vessel SB CT Donents 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  Signed  Geary L. Armentrout, Senior Engineer  Owner or Owner's Designee. Title  CERTIFICATE OF INSERVICE INS	pplicable  Expiration Date Not Applicable  Date 11/1/2007  PECTION  all Board of Boiler and Pressure and employed by History have inspected the composite of the ASME Code, Section XI.  If makes any warranty, expressional injury or property damage	e Vessel SB CT Donents 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  Signed  Geary L. Armentrout, Senior Engineer  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 North Carolina  In this Owner's Report during the period  in this Owner's Report during the period  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	pplicable  Expiration Date Not Applicable  Date 11/1/2007  PECTION  all Board of Boiler and Pressure and employed by History have inspected the composite of the ASME Code, Section XI.  If makes any warranty, expressional injury or property damage	e Vessel SB CT onents described , and state that rective measures essed or implied, more, neither the

				Work Order Nu	nber	Sheet	
				0176	5544	1	of 3
1. Owner		2. PI	lant			Unit	
	ver Company			clear Station		O	NS - 3
	Church Street	. [	7800 Roche	•		Date	· · · · · · · · · · · · · · · · · · ·
	NC 28201-1006		Seneca, SC		,	11/	1/2007
3. Work Performed	d by			Type Code Sym		plicable	
Duke Pov	ver Company			Authorization N			
	n Church Street	•			Not A <sub>1</sub>	oplicable	
Charlotte	, NC 28201-1006	)		Expiration Date		plicable	
4. Identification of	System, ASME CI	ass			110171	phicable	
			Injection (HPI), A	SME Class 1			٠.
5.	Amushing Ossi	HOLODALE	10 (0	Taliala 37	١. ١	. N.	2-4-0
(a) Applicable Cons (b) Applicable Edition		USAS B31.7 ed For R/R Activity		Edition, No 2000	Addend Addend		Code Case
(c) Applicable Secti		<u>-</u>			_		,
6. Identification of	Components						·
Name of	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected,	ASME Code
Component	Manufacturer	Serial Number	Board No.	identification	Built	Removed, or installed	Stamped
							(Yes / No)
Addt'l weld							
material to all welds on 3HP-489							
equalizer line and	NA	NA	NA	NA	NA	Corrected	NO
test connection							
(latter at the valve junction only)	į						 
	· ·						
				·			
				•	/		
·					<u> </u>		
				•		·	
		-					
			·				
					1		

	7. Description of Work
i	WORK ORDER NUMBER 01765544 SHEET 2 of 3
	Add 2-to-1 taper welds on all the welds on the subject check valve's equalizer line and the test connection (latter at the valve junction only) prior to performing the HPI full flow test at the startup from the next refueling outage. Issue:  Potential high cycle fatigue (i.e., vibration) - extend of condition item due to the 2HP-489 leak (ref. PIP O-07-02844)
	8. Test Conducted    Hydrostatic   Pneumatic   Nominal Operating Pressure   Exempt   Other Nome
	Pressure PSI Test Temperature °F

required by the provisions of the ASME Code Section XI  Work Order Number Sheet					
	•	176554 0176554	STRIB For F		
9. Remarks (Applicable Manufacturer's Data Re	,		· · · · · · · · · · · · · · · · · · ·		
0					
			<b>.</b>		
<b>6</b>					
•					
6					
6		· · · · · · · · · · · · · · · · · · ·	•		
0		· · · · · · · · · · · · · · · · · · ·			
8	<del></del>				
9					
<b>0</b>					
<u> </u>			<del></del>		
·	CERTIFICATE OF COM	IPLIANCE			
I certify that the statements made in the			requirements of the		
ASME Code, Section XI.  Type Code Symbol Stamp	1	Not Appliaghla			
· · · · · · · · · · · · · · · · · · ·		Not Applicable	NI-A A II a-bi-		
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable		
Signed Geary L. Af Owner or Owner's Designee,	mentrout, Senior Engine	er Date	11/1/2007		
CER	TIFICATE OF INSERVIC	E INSPECTION	,		
I, the undersigned, holding a valid comminspectors and the State or Province of	nission issued by the N	lational Board of Boiler a and employed by	nd Pressure Vessel HSB CT		
		hous inspects	d the components descri		
of Hartford, Conn	ecticut	nave inspecte	u ine componenta descri		
in this Owner's Report during the period	9-26-07	to 12-12-07	, and state		
in this Owner's Report during the period to the best of my knowledge and belief,	9-2<-07 the Owner has perfo	to /2-/2-07 ormed examinations and	, and state to taken corrective meas		
in this Owner's Report during the period to the best of my knowledge and belief, described in this Owner's Report in accordan	9-26-07 the Owner has perfonce with the requirement	to /2-/2-07  rmed examinations and ents of the ASME Code,	, and state to taken corrective meas Section XI.		
in this Owner's Report during the period to the best of my knowledge and belief, described in this Owner's Report in accordance By signing this certificate neither the	9-2<-07 the Owner has perfonce with the requiremental inspector nor his em	to	, and state to taken corrective meas Section XI. ranty, expressed or imp		
in this Owner's Report during the period to the best of my knowledge and belief, described in this Owner's Report in accordar By signing this certificate neither the concerning the examinations and correctiv Inspector nor his employer shall be liable in	9-2<-07 the Owner has performed with the requirement inspector nor his emitted measures described any manner for any	to VZ-12-07  firmed examinations and ents of the ASME Code, apployer makes any ward in this Owner's Repo	, and state to taken corrective meas Section XI. ranty, expressed or import. Furthermore, neither		
in this Owner's Report during the period to the best of my knowledge and belief, described in this Owner's Report in accordar By signing this certificate neither the concerning the examinations and correctiv Inspector nor his employer shall be liable in	9-2<-07 the Owner has performed with the requirement of the masures described any manner for any ection.	to /2-/2-07  formed examinations and ents of the ASME Code, apployer makes any ward in this Owner's Report personal injury or property.	, and state of taken corrective meas Section XI. ranty, expressed or import. Furthermore, neither erty damage or a loss of		
in this Owner's Report during the period to the best of my knowledge and belief, described in this Owner's Report in accordance.	9-2<-07 the Owner has performed with the requirement of the masures described any manner for any ection.	to 12-12-07  formed examinations and ents of the ASME Code, apployer makes any ward in this Owner's Report personal injury or property.	, and state I taken corrective mea Section XI. ranty, expressed or in rt. Furthermore, neith erty damage or a loss		

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01765545 1 of 3 2. Plant Unit 1. Owner ONS - 3 Oconee Nuclear Station **Duke Power Company** 526 South Church Street 7800 Rochester Hwy Date Seneca, SC 29672 Charlotte, NC 28201-1006 11/1/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class High Pressure Injection (HPI), ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** 69 No 19 Edition, Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 2000 Addenda. 19 Edition, (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Manufacturer ASME Name of National Other Year Corrected. Manufacturer Serial Number Component Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) Addt'l weld material to all welds on 3HP-488 equalizer line and NA NA Corrected NO NA NA NA test connection (latter at the valve junction only)

I	7. Description of Work
ı	WORK ORDER NUMBER 01765545 SHEET 2 of 3
	Add 2-to-1 taper welds on all the welds on the subject check valve's equalizer line and the test connection (latter at the valve junction only) prior to performing the HPI full flow test at the startup from the next refueling outage. Issue:
1	Potential high cycle fatigue (i.e., vibration) - extend of condition item due to the 2HP-488 leak (ref. PIP O-07-02844)
ſ	8. Test Conducted
ı	Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Name
	Pressure PSI Test Temperature °F

### Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet -3 of 3 01765545 9. Remarks (Applicable Manufacturer's Data Reports to be attached) 0 0 0 0 **CERTIFICATE OF COMPLIANCE** I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization Number Not Applicable Expiration Date Not Applicable Geary L. Annemrout, Senior Engineer Signed: Owner or Owner's Designee, Title

CERTIF	FICATE OF INSERVI	CE INSPECT	LION	
I, the undersigned, holding a valid commis		National Bo	ard of Boiler and Pre	ssure Vessel
Inspectors and the State or Province of North	TH CAROLINA	and e	employed by	HSB CT
of Hartford, Connec	ticut .	<del></del>	have inspected the c	omponents described
in this Owner's Report during the period	9-26-07	to	12-12-07	, and state that
described in this Owner's Report in accordance By signing this certificate neither the Inconcerning the examinations and corrective Inspector nor his employer shall be liable in a kind arising from or connected with this inspec	spector nor his er measures describe any manner for any	nployer ma ed in this C	akes any warranty, Dwner's Report. Fu	expressed or implied rthermore, neither the
South	Commissions	NCIUS	MAIRBL	
Inspector's Signature	•		onal Board, State, Provinc	ce, and Endorsements
Data 12-12-07				

			· · · · · · · · · · · · · · · · · · ·	ſ	Work Order Nun	nber	Sheet	<del></del> -
			24	ı	0176	5546	1	of 3
1. Owner		2. PI	ant		χ		Unit	
Duke Pow	er Company		Oconee Nu	ıclea	ar Station		O:	NS - 3
	Church Street		7800 Roch		-		Date	
Charlotte,	NC 28201-1006		Seneca, SC	29	6/2		11/	1/2007
3. Work Performed	d by				Type Code Symi		oplicable	
Duke Pov	ver Company		l	ŀ	Authorization No		ppiicaoic	
526 South	Church Street						pplicable	
Charlotte,	, NC 28201-1006	5		ſ	Expiration Date	NT-4 A-	1:k1-	•
4. Identification of	System ASME CI	288				Not A	oplicable	····
4. Identification of	Oystom, Aome of		njection (HPI), A	ASM	IE Class 1			
5.								
(a) Applicable Cons		USAS B31.7		Editi		_ Addend		Code Case
<ul><li>(b) Applicable Edition</li><li>(c) Applicable Section</li></ul>		=	19 98	Editi	ion, <u>2000</u>	_ Addeno	ıa.	
6. Identification of		,					<del></del>	
Name of	Name of	Manufacturer	National		Other	Year	Corrected,	ASME
Component	Manufacturer	Serial Number	Board No.	lo	dentification	Built	Removed, or Installed	Code Stamped
								(Yes / No)
Addt'l weld								
material to all								
welds on 3HP-487		NA	D.T.A.		NIA	NT A	Campatal	NO
equalizer line and test connection	NA	NA.	NA		NA	NA	Corrected	NO
(latter at the valve								į.
junction only)							,	
						,		
						·		
						<u>-</u>		
			1					
						,		
					· · · · · · · · · · · · · · · · · · ·			
-								
	_			<del>.</del>	<del></del>		<u> </u>	
·			•					1

	escription of Worl	k				•				
ĺ				•		We	ORK ORDEI	R NUMBER	0176554	6 SHEET 2 of 3
									. '	
	2-to-1 taper weld									
	junction only) p									
	ntial high cycle fa	itigue (i.e.,	, vibratio	n) - exte	nd of con	dition item	due to the 2F	IP-487 leak	(ref. PIP (	D-07-02844)
8. Te	est Conducted		-	<b>_</b>				K-71	Fundin	al all
	Hydrostatic	Pneu	matic [	Nomir	nal Operati	ng Pressure	Exempt	⊠ Other	None	TRE
1	ı	Pressure		PSI		Test Tempe	rature	٥F		//
				_ 131		rest rempe				12/03/07
	,		,	151		- Test rempe				12/03/07
	, , <del>-</del> .					rest rempe				32/0 <b>3/</b> 07
	· · · · · · · · · · · · · · · · · · ·	·		101		rest rempe				32/03/07
	. <del>-</del> .	Tessure		101		rest rempe				12/03/07
	· · · · · · · · · · · · · · · · · · ·			131		rest rempe				32/03/07
	· ·	·	,			rest rempe				12/0 <b>3/</b> 07

	Work Order Number	Sheet
	01765546	3 of 3
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
0		
2		
3		
<b>•</b>		
•		
6		
8		
<b>9</b> .		
<b>(b)</b>		
	·	
CERTIFICATE OF COMPLI	ANCE	
I certify that the statements made in the report are correct and tha ASME Code, Section XI.	t this conforms to the re	equirements of the
Type Code Symbol Stamp Not	Applicable	
Certificate of Authorization Number Not Applicable	Expiration Date	Not Applicable
Signed Geary L. Armentrout, Senior Engineer  Owner or Owner's Designee Title	Date	11/1/2007
Owner or Owner's Designee, Title		·
CERTIFICATE OF INSERVICE IN	· ·	
I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of Naeth Carolina	onal Board of Boiler and and employed by	Pressure Vessel HSB CT
of Hartford, Connecticut		the components described
in this Owner's Report during the period //-8-07	to 12-5-07	, 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	ed examinations and ta	aken corrective measures
described in this Owner's Report in accordance with the requirements By signing this certificate neither the Inspector nor his employe		
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 per kind arising from or connected with this inspection.		
Commissions No	- 1444 SIRBC	
Inspector's Signature		ovince, and Endorsements
This pector 3 orginature		# · · · · · · · · ·

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01765547 1 of 3 2. Plant 1. Owner Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 11/1/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class High Pressure Injection (HPI), ASME Class 1 **USAS B31.7** (a) Applicable Construction Code: 19 69 Edition, No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity Edition, 2000 Addenda.

(c) Applicable Section XI Code Case(s) None None									
6. Identification of	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)		
Addt'l weld material to all welds on 3HP-486 equalizer line and test connection (latter at the valve junction only)	NA	NA	NA	NA	NA	Corrected	NO		
		·	_						
						·	,		
						·			

1	7. Description of Work
	WORK ORDER NUMBER 01765547 SHEET 2 of 3
	Add 2-to-1 taper welds on all the welds on the subject check valve's equalizer line and the test connection (latter at the valve junction only) prior to performing the HPI full flow test at the startup from the next refueling outage. Issue: Potential high cycle fatigue (i.e., vibration) - extend of condition item due to the 2HP-486 leak (ref. PIP O-07-02844)
	8. Test Conducted  Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Funtional  Pressure PSI Test Temperature °F

•

9. Remarks (Applicable Manufacturer's Data Reports to be attached)  10. Certificate of Compliance  1 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  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Owner of Owner's Designer. Title  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Expiration Date  Not Applicable  I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State or Province of Ascert Carectura  Owner of Owner's Commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State or Province of Ascert Carectura  In this Owner's Report of Unity the pendod  Part of Hartford, Connecticut  In this Owner's Report of Commission is used by the National Board of Boller and Pressure Vessel Inspectors and the State or Province of Ascert Carectura  National Board, State, Province, and Endorsements  Date  Commissions  Not Applicable  Expiration Date  Not Applicable  The Pressure Vessel  Inspector's Inspection in this Owner's Report. Furthermore, neither the new province of the ASME Code, Section XI.  By signing this certificate neither the Inspector on his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the inspector in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  National Board, State, Province, and Endorsements  Date 12/12/6/7	•	Work Order Number	Sheet
CERTIFICATE OF COMPLIANCE  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  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Note of		01765547	3 of 3
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Matrice  Owner or Owner's Designee. Title  Certificate of Matrice  Assignee The Careacust  Inspectors and the State or Province of Assignee The National Board of Boiler and Pressure Vessel and employed by HSB CT  Inspectors and the State or Province of Assignee The National Board of Boiler and Pressure Vessel and employed by HSB CT  Inspectors and the State or Province of Assignee The National Board of Boiler and Pressure Vessel and employed by HSB CT  Inspectors and the State or Province of Assignee The National Board of Boiler and Pressure Vessel and employed by HSB CT  Inspector so my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report furner and 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 furner neither the Inspector nor bis 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.  National Board, State, Province, and Endorsements  National Board, State, Province, and Endorsements  National Board, State, Province, and Endorsements	9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Matrice  Owner or Owner's Designee. Title  Certificate of Matrice  Assignee The Careacust  Inspectors and the State or Province of Assignee The National Board of Boiler and Pressure Vessel and employed by HSB CT  Inspectors and the State or Province of Assignee The National Board of Boiler and Pressure Vessel and employed by HSB CT  Inspectors and the State or Province of Assignee The National Board of Boiler and Pressure Vessel and employed by HSB CT  Inspectors and the State or Province of Assignee The National Board of Boiler and Pressure Vessel and employed by HSB CT  Inspector so my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report furner and 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 furner neither the Inspector nor bis 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.  National Board, State, Province, and Endorsements  National Board, State, Province, and Endorsements  National Board, State, Province, and Endorsements			
CERTIFICATE OF COMPLIANCE  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  Certificate of Authorization Number  Not Applicable  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Number's Designee, Title  Certificate of Number's Designee, Title  Certificate of Number's Report of Number Not Applicable  Inspectors and the State or Province of New York Connecticut  Inspectors and the State or Province of Number	0		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Case: Armentation, Senior Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MACTIF CARCULIN  of Hartford, Connecticut  in this Owner's Report during the period  of MACTIFICATE OF INSERVICE INSPECTION  1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MACTIF CARCULIN  and employed by HSB CT  have inspected the components described in this Owner's Report during the period  of 12-2-07, 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.  Commissions  Commissions  National Board of Boiler and Pressure Vessel  The Population of the ASME Code, Section XI.  National Board of Boiler and Pressure Vessel  Inspector's signature  National Board of Boiler and Pressure Vessel  National Board of Boiler and Pressure Vessel  Inspector's signature  National Board of Boiler and Pressure Vessel  National Board of Boiler and Pressure Vessel  Inspector's signature  National	0		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Authorization Number  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel and employed by  HSB CT  of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9-29-07 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.  National Board, State, Province, and Endorscments  National Board, State, Province, and Endorscments	8		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NORTH CARCULAL and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period \$1.2.2.0.7 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.  Commissions  Commissions  Not Applicable  Expiration Date Not Applicable  Not Applicable  Expiration Date Not Applicable  Not Applicable  Expiration Date Not Applicable  Not Applicable  Not Applicable  Expiration Date Not Applicable  Inspector on Authorization Date Not Applicable  Inspector on Owner's Report Inspector on Province on Applicable  Not Applicable  Expiration Date Septiments of the ASME Code, Section XI.  By signing this certificate neither the Inspector on Province on Inspector on Province	•		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Not Applicable  Signed  Certificate of Noterial Pressure Vessel Inspectors and the State or Province of Aberta Certificate  In this Owner's Report during the period  Formal Pressure  Applicable  Certificate of Inservice inspection  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Aberta Certificate  In this Owner's Report during the period  Formal Pressure  And employed by  HSB CT  And employed by  HSB CT  Hartford, Connecticut  have inspected the components described  in this Owner's Report during the period  Formal Pressure  And employed by  HSB CT  And employed by  HS	<b>⑤</b>		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Expiration Date  Not Applicable  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ADETA CARECINA and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period P-2Y-07 to 12-22-07, 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.  Commissions  National Board, State, Province, and Endorsements	<b>6</b>		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Authorization Number  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carectust and employed by HSB CT have inspected the components described in this Owner's Report during the period P-2Y-07 to 12-20-07, 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.  Commissions  National Board, State, Province, and Endorsements  National Board, State, Province, and Endorsements	0_		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Signed  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of  Hartford, Connecticut  In this Owner's Report during the period  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.  Commissions  Commissions  Not Applicable  Expiration Date  Not Applicable  Not Applicable  Expiration Date  Not Applicable  1(71/200)  1	8		
CERTIFICATE OF COMPLIANCE  I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Expiration Date  Not Applicable  Signed  Ocar, Armentrout, Senior Engineer  Owner of Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NORTH CARCINA and employed by HSB CT  of Hartford, Connecticut have inspected the components described in this Owner's Report during the period  1 2-12-07 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.  Commissions	<b>9</b>		
Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Expiration Date  Not Applicable  Expiration Date  Not Applicable  Expiration Date  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Expiration Date  Not Applicable  Expiration Date  Not Applicable  Interpetation  Owner of Owner's Designee, Title  Certificate OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina  of Hartford, Connecticut  Interpetation State of Province of North Carolina  Owner's Report during the period  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.  Commissions  Not Applicable  Expiration Date  Not Applicable  Not Applicabl	<b>©</b>		
Certificate of Authorization Number Not Applicable Expiration Date Not Applicable  Signed Orar 1. Armentrout, Senior Engineer Date 17/1/2007  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carectual and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9-29-07 to 12-12-07, 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.  Commissions NC 1444 Nacc National Board, State, Province, and Endorsements	ASME Code, Section XI.		nents of the
Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NORTH CAROLINA and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9-29-07 to 12-12-07, 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.  Commissions NC IHHANIABC  National Board, State, Province, and Endorsements			
CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NORTH CAROLINA and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9-29-07 to 12-12-07, 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.  Commissions Netherlands  National Board, State, Province, and Endorsements	0 101		
CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NORTH CAROLINA and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 9-29-07 to 12-12-07, 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.  Commissions Networks Inspector and Endorsements  National Board, State, Province, and Endorsements		Date 11/1/20	<u>107-</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, Connecticut have inspected the components described in this Owner's Report during the period 9-24-07 to 12-12-07, 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.  Commissions National Board, State, Province, and Endorsements			
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 9-24-07 to 12-12-07, 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.  Commissions National Board, State, Province, and Endorsements			<del>-</del>
	of Hartford, Connecticut in this Owner's Report during the period 9-29-07 to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements. By signing this certificate neither the Inspector nor his employence concerning the examinations and corrective measures described in Inspector nor his employer shall be liable in any manner for any perkind arising from or connected with this inspection.	and employed by have inspected the conto  to  /2-/2-07 ed examinations and taken of the ASME Code, Section X yer makes any warranty, exothis Owner's Report. Furthersonal injury or property damage.	nponents described , and state that corrective measures (I. pressed or implied, ermore, neither the
		1C,1444NIARC	•

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01737881 1 of 2 2. Plant 1. Owner Unit **Duke Power Company** Oconee Nuclear Station ONS - 3526 South Church Street 7800 Rochester Hwy Date Seneca, SC 29672 Charlotte, NC 28201-1006 11/27/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Low Pressure Injection, ASME Class 1 (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition, No Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 Edition, 2000 Addenda. 19 (c) Applicable Section XI Code Case(s) None 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)
Valve 3LP-180	Flowserve	57AXW	1205	UNK	2003	Removed	YES
Valve 3LP-180	Flowserve	96BHR	1858	UTC1892805	2007	Installed	YES
Valve 3LP-181	Flowserve	56AXW	1204	UNK	2003	Removed	YES
Valve 3LP-181	Flowserve	04BHS	1793	UTC1894638	2007	Installed	YES
	,						
						,	
7. Description of	Work					<u> </u>	

OE300672 replaced valves 3LP-180, 3LP-181, 3LP-182, 3LP-187, 3LP-188, and 3LP-189 with valve item # 09J-2005.

Exempt

**Test Temperature** 

Other

Nominal Operating Pressure

Note: Valves 3LP-180 and 3LP-181 are ISI Class A all others are ISI Class B.

**PSI** 

Pneumatic

Pressure

8. Test Conducted

Hydrostatic

### Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 2 of 2 01737881 Remarks (Applicable Manufacturer's Data Reports to be attached) 0 0 € 0 Ð 0 0 CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization Number Not Applicable Expiration Date Not Applicable Rich Burger Sa. Technical Specialist Date 11/28/07 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Noeth Carelina and employed by HSB CT have inspected the components described Hartford, Connecticut to 12-5-07 , and state that in this Owner's Report during the period 3-28-07 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

Commissions NC/444NIASC

National Board, State, Province, and Endorsements

ate 12-5-07

kind arising from or connected with this inspection.

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

As required by the provisions of the ASME Code Section XI Sheet Work Order Number 1728069 1 of 2 0E 301409 2. Plant 1. Owner Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Seneca, SC 29672 Charlotte, NC 28201-1006 11/27/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class High Pressure Injection, ASME Class 1 5. **USAS B31.7** (a) Applicable Construction Code: 19 69 Edition, No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition. 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Corrected. **ASME** Year Component Manufacturer Serial Number Board No. Identification **Built** Removed, Code or Installed Stamped (Yes / No) 1 HP VA 0433 Flowserve 08AXE 1146 UTC 1060297 2003 Installed YES 1" Piping DPCo. UTC 938148 none none unk Installed YES 1 HP VA 0433 1581-2-1 NO unk unk unk unk Removed 7. Description of Work The 1" Valve 3HP-433 and a short section of 1" pipe were installed to replace a leak injected valve 8. Test Conducted X Other Leak fest \_\_ Hydrostatic Pneumatic Nominal Operating Pressure **Exempt Test Temperature** 

		Work Order Number	Sheet
		1728069	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)			
• Replaced 1" leak injected valve and a short section of pipe (1HP-	433) with r	ew valve and pipe.	
0			
<u> </u>			
0			
$oldsymbol{\Theta}$			
6			
			organización de la composição de la comp
· · · · · · · · · · · · · · · · · · ·		· .	
	···		
0			
0			
	·		
CERTIFICATE OF	COMPLIAN	ICE	
I certify that the statements made in the report are correct ASME Code, Section XI.	and that th	nis conforms to the requiren	nents of the
Type Code Symbol Stamp	Not A	oplicable	
Certificate of Authorization NumberNot Applicable		Expiration Date Not	Applicable
Signed John Braddow TECHNICAL SPECIALIST	耳	Date 11-27-07	
Owner or Owner's Designee, Title			
CERTIFICATE OF INSE	RVICE INSI	PECTION	
I, the undersigned, holding a valid commission issued by t		the state of the s	ure Vessel
Inspectors and the State or Province of NORTH CAROLIN		and employed by	HSB CT
of Hartford, Connecticut		have inspected the con	
in this Owner's Report during the period 2-/9-67 to the best of my knowledge and belief, the Owner has p		evaminations and taken	, and state that
described in this Owner's Report in accordance with the requir			
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 perso	mai injury or property dallis	age of a loss of ally
Commission	ons NC	1444 NIBBC	
Inspector's Signature		National Board, State, Province,	and Endorsements
Date			

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

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 1736703 017 301399 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/8/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company Authorization Number 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Steam Generator, ASME Class 1 5. (a) Applicable Construction Code: ASME Section III 19 89 No Addenda, No Code Case Edition. (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Corrected. ASME Year Component Manufacturer Serial Number Board No. Identification Built Removed, Code Stamped or Installed (Yes / No) edwater Transducer B&W Canada 2006 160K-11 224 P/N5232848 Removed YES-Assembly (Y-1 Axis) Plug, Riser Pipe B&W Canada Unk. N/A P/N 5204966-2 2003 Installed NO Inspection Port 7. Description of Work QD301399 removed a leaking Feedwater Transducer Assembly (installed by OD300577) form Unit 3 "A" Steam enerator Feedwater Riser at the Y-1 Axis and installed Riser Inspection Port Plug. 8. Test Conducted Pneumatic Nominal Operating Pressure Exempt Other ٥F PSI **Test Temperature** Pressure

_	Work Order Number	Sheet
	1736703	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		•
0		
<b>2</b>		
8		
<b>0</b>		
<b>6</b>		
<b>6</b>	·	
and the state of the second	The first transfer to the first transfer transfer to the first transfer transfer to the first transfer	eg de Marinania
	-	
0	·	
•		
•		
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 requirem	ents of the
Type Code Symbol StampNot A	Applicable	•
Certificate of Authorization Number Not Applicable	Expiration Date Not A	Applicable
Signed Kukannon Engineer	Date 12/8/20	07
Owner or Owner's Designee, Title		
CERTIFICATE OF INSERVICE INS	SPECTION	
I, the undersigned, holding a valid commission issued by the Nation		
Inspectors and the State or Province of North Carolina of Hartford, Connecticut	and employed by have inspected the com	HSB CT ponents described
in this Owner's Report during the period 3-/3-07	to 12-10-07	, 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 employ		
concerning the examinations and corrective measures described in		
Inspector nor his employer shall be liable in any manner for any perskind arising from or connected with this inspection.	sonai injury or property dama	ge or a loss of any
	1 11/11/1 1 222	
Commissions VC	National Board, State, Province, a	nd Endorsements
Date 12-10-07	,	

#### Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01670194 OD 300 452 2. Plant Unit 1. Owner ONS - 3 Oconee Nuclear Station Duke Power Company 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 7/28/07 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class RC, ASME Class 1 5. (a) Applicable Construction Code: Addenda No Code Case USAS B31.7 19 Edition, No 2000 (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, Addenda. (c) Applicable Section XI Code Case(s)\_ None 6. Identification of Components Manufacturer Name of Name of **National** Other Year Corrected, **ASME** Manufacturer Serial Number Board No. Identification Built Removed, Code Component or Installed Stamped (Yes / No) 4" X 3" X 1/4" DPCo. None None UTC #1075716 2007 Installed ( NO Angle 3/8" Dia. X 1 3/4" DPCo. None None UTC #1043512 2007 Installed NO Long Bolt 3/8" Heavy Hex DPCo. UTC #1848604 2007 Installed NO None None Nut 3/8" Washer DPCo. . UTC #1073083 2007 None None Installed NO 53-O-2478A-H3 DPCo. None None None 2007 Installed NO 7. Description of Work Attached the above to existing support 53-O-2478A-H3, by bolting, per OD300452; VN -OD300452F, VN-OD300452H, and VN-OD300452I.

Nominal Operating Pressure

PSI

**Exempt** 

Test Temperature

8. Test Conducted

Hydrostatic

Pneumatic

Pressure

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

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 2 of 2 01670194 9. Remarks (Applicable Manufacturer's Data Reports to be attached) • All components attached to existing support 53-O-2478A-H3. 0 CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Not Applicable Certificate of Authorization Number **Expiration Date** Not Applicable CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NORTH CAROLINA and employed by of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 1/2 - 4/-07 to 1/2 - 4/-07, and state that have inspected the components described. 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. Commissions NC1444NIABC Inspector's Signature National Board, State, Province, and Endorsements 12-4-07

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

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1785351 1 of 2 2. Plant Unit 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/8/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class 03-HPI, ASME Class 1 (a) Applicable Construction Code: USAS B31.7 19 69 Edition, No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 2000 Edition, Addenda. (c) Applicable Section XI Code Case(s) \_\_\_ None 6. Identification of Components Manufacturer Name of Name of **National** Other Year Corrected. ASME Manufacturer **Serial Number** Board No. Identification Removed, Component Built Code or Installed Stamped (Yes / No) 51A-0-2479A-N/A N/A N/A N/A Corrected NO H3A, Hanger 51A-0-2479E-N/A N/A N/A N/A Corrected NO H3E, Hanger 7. Description of Work 8. Test Conducted Exempt Pneumatic **Nominal Operating Pressure** Hydrostatic Other ٥F **Pressure Test Temperature** 

		Work Order Numb	er S	Sheet
		178535	1	2 of 2
9. Remarks (Applicable Manufacturer's Data	Reports to be attached)		•	
<b>1</b> 1" Dia. Fig. 137 U-Bolt. UTC# 1084206	PN# 137N			
2.5" Dia. Fig. 137 U-Bolt. UTC# 1008188	3 , PN# 137N			· · · · · · · · · · · · · · · · · · ·
Two (2) 1/2" Dia. Hilti KB3 Expansion W	edge Anchors. UTC# 1897962	for 3-51A-0-2479E-I	H3E	
Two (2) 1/2" Dia. Hilti KB3 Expansion W	edge Anchors. UTC# 1894599	for 3-51A-0-2479A-I	-13A	
<b>5</b> Two (2) 3"x3"x3/8" Angle (A36). UTC#	830519.			
<b>6</b>				
and the state of t		····single of the second of the second		<u> </u>
0	· · · · · · · · · · · · · · · · · · ·			,
<b>6</b>				
•		·		
$\mathbf{\Phi}$				
	CERTIFICATE OF COMPLIA	NCE		
I certify that the statements made in the ASME Code, Section XI.			requirement	s of the
Type Code Symbol Stamp	Not A	pplicable		
Certificate of Authorization Number	Not Applicable	Expiration Date	Not App	olicable
Signed godsaly	ENGINEEL	Date	12/8/2007	
Owner or Owner's Designe	ee. Title			
	ERTIFICATE OF INSERVICE INS			
I, the undersigned, holding a valid cor Inspectors and the State or Province of		al Board of Boiler a and employed by		Vessel B CT
of Hartford, Co				ents described
in this Owner's Report during the period		0 /2-//-0	7	, and state that
to the best of my knowledge and belie				ctive measures
described in this Owner's Report in according this certificate neither the				sed or implied
concerning the examinations and correct				
Inspector nor his employer shall be liable kind arising from or connected with this in		onal injury or prope	erty damage	or a loss of any
12 Sant	•	WILK! Nin-		,
inspector's Signature	Commissions UC	National Board, State,	Province, and E	Endorsements
Date 12/11/07				

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01744933 0 E 301722 1. Owner 2. Plant Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/7/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class RC, ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** Edition, No No Code Case Addenda, 2000 (b) Applicable Edition Section XI Utilized For R/R Activity Edition, Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer **National** Other **ASME** Year Corrected, Component Manufacturer Serial Number Board No. Identification **Built** Removed, Code or Installed Stamped (Yes / No) 1.) 3-50-1066A-**DPCo** None None None UNK Corrected NO RCPM-3A2-SS1 2.) 3-50-1066A-DPCo None None UNK Corrected NO None RCPM-3A2-SS2 3.) 3-50-1066A-**DPCo** None None None UNK Corrected NO RCPM-3A2-SS3 7. Description of Work OE301728; Modify snubber extension pieces for S/Rs 3-50-1066A-RCPM-3A2-SS1, SS2 and SS3 to extend pin to pin. length to provide greater flexibility in their reinstallation due to RCPM 3A2 replacement. Test Conducted Hydrostatic Pneumatic Nominal Operating Pressure **Exempt** Other Pressure **PSI Test Temperature** ٥F

	 	Work Order Number		Sheet	
Company of the Compan	,	01744933		· 2 of :	2
9. Remarks (Applicable Manufacturer's Data Ro	eports to be attached)			<u></u>	
<b>1</b> 3-50-1066A-RCPM-3A2-SS1; 1 1/2" plates,	5" bar, 6" pipe, 2 Anvil snubbe	er rear brackets and snu	bber exter	nsion assembl	y.
<b>2</b> 3-50-1066A-RCPM-3A2-SS2; 1 1/2" plates,					
<b>3</b> 3-50-1066A-RCPM-3A2-SS3; 1 1/2" plates,					
•					
6		:			
6					
0					
8					
0					
0					
<b>w</b>		<del></del>	<del></del>		-
	CERTIFICATE OF COMPLIAN	ICE		·	
I certify that the statements made in the ASME Code, Section XI.	report are correct and that the	nis conforms to the re	equiremer	nts of the	
Type Code Symbol Stamp	Not A <sub>j</sub>	pplicable			
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Ap	plicable	<del></del>
Signed Owner of Owner's Designee,	Tide / C //	Date 12/9/07			
owner sycospher,	Title pould >. Petro				
CER	TIFICATE OF INSERVICE INSE	PECTION			
I, the undersigned, holding a valid communication of the State or Province of the Notice of the Noti		il Board of Boiler and ind employed by		e Vessel SB CT	
of Hartford, Conn	***************************************	have inspected t	he compo	•	
in this Owner's Report during the period to the best of my knowledge and belief,	the Owner has performed		aken cor	, and state	
described in this Owner's Report in accorda				ective illea	Suics
By signing this certificate neither the					
concerning the examinations and corrective inspector nor his employer shall be liable in kind arising from or connected with this inspector.	n any manner for any perso				
South	Commissions VC	1444 NUABC			
Inspector's Signature		National Board, State, Pr	ovince, and	Endorsements	
Date 12-10-07				•	

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01740839-06 1 of 2 2. Plant Unit 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/10/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant, ASME Class 1 (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition, No Addenda. No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Other Name of Name of Manufacturer National **ASME** Year Corrected. Component Manufacturer Serial Number Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) 3RC-68 Consolidated BL-08895 None 1971 Removed YES None 3RC-68 Consolidated BL-08889 None None 1971 Installed YES 7. Description of Work Installed valve, serial number BL-08895, was removed for ASME OM Code testing. Replaced with tested spare valve, serial number BL-08889 from Stock. 8. Test Conducted Nominal Operating Pressure Hydrostatic Pneumatic -Exempt Other Visual leak check Pressure **Test Temperature** 

	Work Order Number	Sneet
	01740839-06	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
• Replaced existing valve with tested spare from stock. Serial number BL-0	)8889	
Replaced existing valve with tested spare from stock. Serial number D2 o	70007.	
<b>9</b>		
- -	•	
8		
0		
·		•
6		,
<b>6</b> .		:
	· · · · · · · · · · · · · · · · · · ·	
0		
<b>③</b>		
<b>0</b>		
•	·	
·		
CERTIFICATE OF COMPLIA	ANOS	
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 requiremer  Applicable	nts of the
Certificate of Authorization Number Not Applicable		plicable
5-01/-		
Signed , Sr. Engineer Owner or Owner's Designee. Title	Date 12/9/2007	
5 Other of Other 5 Designed. Title		····
	· · · · · · · · · · · · · · · · · · ·	
CERTIFICATE OF INSERVICE IN	SPECTION	•
I, the undersigned, holding a valid commission issued by the Nation Inspectors and the State or Province of North Chrocker  of Hartford, Connecticut in this Owner's Report during the period 12-10-07 to the best of my knowledge and belief, the Owner has performed	and employed by HS have inspected the composito /-//-08	SB CT nents described , and state that
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 personal kind arising from or connected with this inspection.	of the ASME Code, Section XI.  er makes any warranty, expre this Owner's Report. Furtherr sonal injury or property damage	ssed or implied, nore, neither the or a loss of any
Commissions No	National Board. State. Province, and	
Inspector's Signature	National Board. State. Province, and	Endorsements
Date 1- 14-08		

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01742556-02 1 of 2 1. Owner 2. Plant Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/5/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant (Pressurizer), ASME Class 1 (a) Applicable Construction Code: ASME Section III 67 19 65 Edition, Addenda. No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 2000 98 Addenda. Edition. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Manufacturer National Name of Other Year Corrected, **ASME** Manufacturer Serial Number Board No. Identification Removed. Component Built Code or Installed Stamped (Yes / No) Pzr Water Level B&W N/A N/A N/A UNK Removed NO Safe End Pzr Water Level WSI 104212-SE-03 N/A N/A 2007 Installed NO Safe End 7. Description of Work Existing Pzr safe end and the nozzle-to-safe end weld was Alloy 600 material, susceptible to Primary Water Stress Corrosion Cracking (PWSCC). Replaced Pzr water space sample tap safe end and nozzle-to safe end weld with stainless steel materials to eliminate PWSCC concerns. 8. Test Conducted Hydrostatic Pneumatic **Nominal Operating Pressure** Exempt Other Leak Check PSI Pressure **Test Temperature** 

Date

	Work Order Number	Sheet
	01742556-02	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		L
Pzr Water Space Level Nozzle Safe End, Alloy 600, ASME SB-166.		
2 Pzr Water Space Level Nozzle Safe End, ASME SA479, TP316, Heat No. 2	241112, Vendor Serial (Part) No.	104212-SE-03.
€	· 	:
•		
6	·	
<u> </u>		
0		
8		
<b>9</b>		,
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
Type Code Symbol Stamp Not A	pplicable	·
Certificate of Authorization Number Not Applicable	Expiration Date Not A	pplicable
Signed Welfold Mar Civil Princ Erzy Owner or Owner or Designee, Title	Date 12 66/67	
CERTIFICATE OF INSERVICE INS	PECTION	
I, the undersigned, holding a valid commission issued by the Nation Inspectors and the State or Province of Norw Concolina		e Vessel ISB CT
of Hartford, Connecticut	have inspected the comp	
	1-23-08	_ , 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 employed 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 NC	MAMANIABC	
Inspector's Signature	National Board, State, Province, and	1 Endorsements

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01742556-14 2. Plant Unit 1. Owner **Duke Power Company** ONS - 3Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/5/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable Duke Power Company **Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant (RC), ASME Class 1 5. **USAS B31.7** (a) Applicable Construction Code: 69 No 19 Edition, Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 2000 Addenda. 19 Edition, (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Corrected, ASME Year Identification Component Manufacturer Serial Number Board No. Removed, Code Built or installed Stamped (Yes / No) Compression Swagelok N/A N/A N/A UNK Removed NO **Fitting** Compression UNK Swagelok N/A N/A N/A Installed NO **Fitting** Reducing Insert N/A N/A UNK NO UNK N/A Removed UNK Reducing Insert UNK N/A N/A N/A Installed NO 7. Description of Work Fittings for 3RC-IV-163 were replaced as part of valve reinstallation after the ONS3 Pzr water space level tap safe end was replaced. 8. Test Conducted Hydrostatic Pneumatic **Nominal Operating Pressure** Exempt Other **Test Temperature Pressure** 

		Work Order Number	r	Sheet
		01742556-	14	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be att	ached)	<u> </u>		
• Pipe to tube compression fitting, Swagelok, 0.5" stainless s	teel.			
2 Pipe to tube compression fitting, Swagelok, 0.5" stainless s	teel, ASME SA4	79, TP316, CAT ID:	276906-1, U	TC No. 1032029.
Socket Weld, 6000# Reducing Insert, 1" x 0.5", stainless st	eel.			
Socket Weld, 6000# Reducing Insert, 1" x 0.5", stainless st	eel ASME SA18	2, F304, CAT ID: 113	3688-1, UTC	C Number 1084676.
6				
6				
	ertenni (f. 1800) teanni (f. 1800)	ing di saman ngangga <u>tangga ma</u> an ngangga ta		gerieren beginnen betallen bei den bestellt der bestellt der bestellt der bestellt der bestellt der bestellt d
8				
0	· · · · · · · · · · · · · · · · · · ·			
			<u> </u>	
	E OF COMPLIA			
I certify that the statements made in the report are co ASME Code, Section XI.	orrect and that t	this conforms to the	requiremer	nts of the
Type Code Symbol Stamp	Not A	pplicable	4	
Certificate of Authorization Number Not Application	able	Expiration Date	Not A <sub>J</sub>	oplicable
Signed Willeda Madain Munipa &	igj-	Date [2/06/0	7	The second secon
Owner or Owner's Designee, Title		· /		
			· 	
CERTIFICATE OF				
I, the undersigned, holding a valid commission issued Inspectors and the State or Province of North Care	d by the Nation	al Board of Boiler ar and employed by		e Vessel SB CT
of Hartford, Connecticut	<i>32370</i>			onents described
in this Owner's Report during the period $9-26$	07. t	0 12-10-07	•	, and state that
to the best of my knowledge and belief, the Owner				rective 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				
Inspector nor his employer shall be liable in any manner	er for any pers	onal injury or prope	rty damage	or a loss of any
kind arising from or connected with this inspection.	, , , , , , , ,	, , F. 2bc	· ·	
	-ii 4 <i>1</i> /	1444 NIABC		
Inspector's Signature	HISSIONS /UZ	National Board, State,	Province, and	Endorsements
Date				

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01742556-20 1 of 2 2. Plant 1. Owner Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/5/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant (Pressurizer), ASME Class 1 (a) Applicable Construction Code: ASME Section III 19 65 Edition, 67 Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Year Corrected. **ASME** Component Manufacturer Serial Number Board No. Identification **Built** Removed, Code or Installed Stamped (Yes / No) Pzr Water Level B&W. N/A UNK N/A N/A Removed NO Safe End Pzr Water Level WSI 104212-SE-01 . N/A N/A 2007 Installed NO Safe End 7. Description of Work Existing Pzr safe end and the nozzle-to-safe end weld was Alloy 600 material, susceptible to Primary Water Stress Corrosion Cracking (PWSCC). Replaced Pzr water space sample tap safe end and nozzle-to safe end weld with stainless steel materials to eliminate PWSCC concerns. 8. Test Conducted Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Leak Check **Test Temperature** ٥F Pressure

•	Work Order Number	Sheet
	01742556-20	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	•	
Pzr Water Space Level Nozzle Sale End, Alloy 600, ASME SB-166.	·	
Pzr Water Space Level Nozzle Safe End, ASME SA479, TP316, Heat No. 24	41112, Vendor Serial (Part) No.	104212-SE-01.
<u> </u>		
0		
6		
	·	***************************************
6	• "	
	and with the Control of the Control	
8		
<b>9</b> ·		
(D)		
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 requiremen	nts of the
Type Code Symbol Stamp Not Ap	pplicable	
•		pplicable
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date 12/06/2007	
Signed William Prince Prince Designee, Title	14/00/00/	
CERTIFICATE OF INSERVICE INSE	PECTION	
I, the undersigned, holding a valid commission issued by the Nationa	I Board of Boiler and Pressure	
of Hartford, Connecticut	nd employed by H. have inspected the compo	SB CT onents described
in this Owner's Report during the period 10-29-07 to	1-23-08	, 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	makes any warranty ever	seed or implied
by signing this certificate neither the inspector nor his employer		/00EU UI IIIIIIHU #
By signing this certificate neither the Inspector nor his employer concerning the examinations and corrective measures described in the	nis Owner's Report. Furtherr	more, neither the
concerning the examinations and corrective measures described in the Inspector nor his employer shall be liable in any manner for any person	nis Owner's Report. Furtherr	more, neither the
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.	nis Owner's Report. Furthern nal injury or property damage	more, neither the
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.  Commissions	nis Owner's Report. Furthern nal injury or property damage	more, neither the

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01742556-22 1 of 2 Unit 1. Owner 2. Plant ONS - 3 **Duke Power Company** Oconee Nuclear Station 7800 Rochester Hwy 526 South Church Street Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/5/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant (RC), ASME Class 1 (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition, No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 Edition. 2000 Addenda. 19 (c) Applicable Section XI Code Case(s)\_ None 6. Identification of Components Name of Name of Manufacturer **National** Other Year Corrected. ASME Board No. Component Manufacturer **Serial Number** Identification Built Removed, Code or Installed Stamped (Yes / No) Compression UNK Swagelok N/A N/A N/A Removed NO Fitting Compression Swagelok N/A N/A N/A UNK Installed NO Fitting 7. Description of Work Fittings for 3RC-IV-164 were replaced as part of valve reinstallation after the ONS3 Pzr water space level tap safe end was replaced. 8. Test Conducted Nominal Operating Pressure Hydrostatic Pneumatic Exempt Other **Test Temperature** 

	Work Order Number	Sheet
	01742556-22	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
Pipe to tube compression fitting, Swagelok, 0.5" stainless steel.		
2 Pipe to tube compression fitting, Swagelok, 0.5" stainless steel, ASME SA4	79, TP316, CAT ID: 276906-1.	
8	·	
<b>a</b>		
<b>6</b>		
<b>6</b>	w. No.	
	ili kanada mada fili da da da filika kala da	
<u> </u>		
9		
	V.	
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 requirement	nts of the
Type Code Symbol Stamp Not Ap	pplicable	
Certificate of Authorization Number Not Applicable	Expiration Date Not A	oplicable
Signed O. Sulphi Peltola MCE/Civic Pauxims Exp Conner or Owner's Designee, Title	Date 12 10 2007	
CERTIFICATE OF INSERVICE INSE	•	
of Hartford, Connecticut in this Owner's Report during the period 10-25-07 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	nd employed by  have inspected the composition  '''' - 08  examinations and taken corthe ASME Code, Section XI.	SB CT pnents described , and state that rective measures
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 perso kind arising from or connected with this inspection.	is Owner's Report. Further	more, neither the
Inspector's Signature Commissions	1444 NIABC National Board, State, Province, and	Endorsements
Date _ /-/6-08		

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01742556-28 2. Plant Unit 1. Owner **Duke Power Company** Oconee Nuclear Station ONS - 3 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/5/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant (Pressurizer), ASME Class 1 5. ASME Section III (a) Applicable Construction Code: 19 65 Edition, 67 Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Manufacturer Name of Name of National Other Year Corrected. ASME Manufacturer Serial Number Board No. Identification **Built** Removed. Component Code or installed Stamped (Yes / No) Pzr Water Level B&W N/A N/A N/A UNK Removed NO Safe End Pzr Water Level WSI 104212-SE-02 N/A 2007 Installed N/A NO Safe End 7. Description of Work Existing Pzr safe end and the nozzle-to-safe end weld was Alloy 600 material, susceptible to Primary Water Stress Corrosion Cracking (PWSCC). Replaced Pzr water space sample tap safe end and nozzle-to safe end weld with stainless steel materials to eliminate PWSCC concerns. 8. Test Conducted Hydrostatic Nominal Operating Pressure Exempt Pneumatic Other Leak Check **Pressure PSI Test Temperature** 

As required by the provisions of the ASME Code Section A			
	Work Order Number	Sheet	
·	01742556-28	2 of	2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)			
Pzr Water Space Level Nozzle Safe End. Alloy 600, ASME SR-166			
Pzr Water Space Level Nozzle Safe End, Alloy 600, ASME SB-166.		····	
2 Pzr Water Space Level Nozzle Safe End, ASME SA479, TP316, Heat No. 2	241112, Vendor Serial (Part) No.	104212-SE-0	02.
<b>8</b>	<u> </u>		<del> </del>
0			
<b>6</b>			
<b>6</b>		2	
9			-
			<del></del>
8			
•		<del></del>	
<b>0</b>			
OCCUPATE OF COMPLIAN	···-		
I certify that the statements made in the report are correct and that the ASME Code, Section XI.		nts of the	
Type Code Symbol Stamp Not A	pplicable		<del></del>
Certificate of Authorization Number Not Applicable	Expiration Date Not A	pplicable	
Signed Ou lettola Mcejcini princ Erza 1	Date 12/06/2007		
Owner or Owner's Designee, Title		·	:
OFFICIATE OF INCEDVICE INC		·	
CERTIFICATE OF INSERVICE INS		- Vocaci	
I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of North Carolina a		e vessei SB CT	
of Hartford, Connecticut	have inspected the compo	onents desc	
in this Owner's Report during the period 10-21-07 to		, and stat	
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 me	asures
By signing this certificate neither the Inspector nor his employe	r makes any warranty, expre		
concerning the examinations and corrective measures described in the line performer for any person			
Inspector nor his employer shall be liable in any manner for any persokind arising from or connected with this inspection.	onal injury or property damage	Ora iuss	Of any
Commissions NC	: 1444 NIASC		
Inspector's Signature	National Board, State, Province, and	l Endorsement	ts

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 01742556-30 1 of 2 1. Owner 2. Plant Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/5/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant (RC), ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** Edition. No Addenda. Code Case (b) Applicable Edition Section XI Utilized For R/R Activity Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Manufacturer **National** Name of Other Year Corrected, ASME Component Manufacturer Serial Number Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) Compression Swagelok N/A N/A UNK N/A Removed NO **Fitting** Compression Swagelok N/A N/A N/A UNK Installed NO Fitting 7. Description of Work Fittings for 3RC-IV-162 were replaced as part of valve reinstallation after the ONS3 Pzr water space level tap safe end was replaced.

Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Pressure..... PSI ..... Test Temperature

Other

٥F

8. Test Conducted

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 2 of 2 01742556-30 9. Remarks (Applicable Manufacturer's Data Reports to be attached) • Pipe to tube compression fitting, Swagelok, 0.5" stainless steel. 2 Pipe to tube compression fitting, Swagelok, 0.5" stainless steel, ASME SA479, TP316, CAT ID: 276906-1. 0 CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization Number Not Applicable **Expiration Date** Not Applicable Date 12/06/07 MCELCIVIL PRINCIPAL EXCL Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NORTH CREALINA and employed by have inspected the components described Hartford, Connecticut in this Owner's Report during the period 1-16-08 , and state that 10-25-07 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. Commissions NC1444 NIABC Inspector's Signature National Board, State, Province, and Endorsements Date /-/6-08

				Work Order Nur	nber	Sheet	
••			,	01742	556-34	1	of 2
1. Owner		2. PI	lant			Unit	
Duke Pov	wer Company		Oconee Nuc	clear Station		0	NS - 3
	n Church Street		7800 Roche	ster Hwy	•	Date	
Charlotte	, NC 28201-1006		Seneca, SC	29672		12/	5/2007
3. Work Performe	d by		-	Type Code Sym	bol Stamp		
	· · · · · · · · · · · · · · · · · · ·				Not A	pplicable	
	wer Company h Church Street			Authorization N		mulicable	
<b>1</b>	, NC 28201-1006	· ·		Expiration Date	Not A	pplicable	
	,110 20201 1000			Expiration Date	Not A	pplicable	•
4. Identification of	f System, ASME C						
		Reactor Coolan	it (Pressurizer), A	SME Class 1			
5.		· · · · · · · · · · · · · · · · · · ·					
(a) Applicable Cons (b) Applicable Editi		ASME Section III		Edition, 67 Edition, 2000	_ Addend	· <del></del>	Code Case
(c) Applicable Sect		•		-	_ /		•
6. Identification of	f Components						
Name of	Name of	Manufacturer	National	Other	Year	Corrected,	ASME
Component	Manufacturer	Serial Number	Board No.	Identification	Built	Removed, or installed	Code Stamped
· ·							(Yes / No)
Pzr Water Sample	B&W	<b>DT/A</b>	DT/A	. NT/A	TINIZ	D 1	NO
Safe End	B&W	N/A	N/A	N/A	UNK	Removed	NO
Pzr Water Sample	WSI	104212-SE-04	N/A	N/A	2007	Installed	NO
Safe End				,		,	
			·			,	
					,	<del> </del> -	
				·			
		,					
			4				4
1						,	
	,	• :					
		· \_					
7. Description of	Work	, ,		. •			
Existing Pzr safe							
Corosion Crackin steel materials to			pace sample tap sa	ate end and nozzi	e-to sate	end weld with	stainless
8. Test Conducte		, voiivoiii3.			t .		
Hydrost	atic Pneumat	ic Nominal O	perating Pressure	Exempt 🔀	Other	Leak Check	
	Pressure	PSI	Test Tempe	rature	°F -		
L							

As required by the provisions of the ASME Code Section XI	Work Order Number	Sheet
9-	01742556-34	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached		
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
• Pzr Water Sample Nozzle Safe End, Alloy 600, ASME SB-166.		
2 Pzr Water Sample Nozzle Safe End, ASME SA479, TP316, Hea	at No. 241112. Vendor Serial (Part) No. 1	04212-SE-04.
<b>§</b>		······································
<b>●</b>		
6		
<b>6</b>		
<u> </u>	, i	
<u> </u>		· · · · · · · · · · · · · · · · · · ·
9		
_		:
<u> </u>		
ASME Code, Section XI.  Type Code Symbol Stamp	Not Applicable	
Certificate of Authorization Number Not Applicable		ot Applicable
Signed Duffeltole McElciún Murc Ersn		
Owner or Owner's Designee, Title		
		·
CERTIFICATE OF INSE	RVICE INSPECTION	
I, the undersigned, holding a valid commission issued by inspectors and the State or Province of North Carolin		sure Vessel HSB CT
of Hartford, Connecticut	have inspected the co	
in this Owner's Report during the period /0-29-0		, and state tha
to the best of my knowledge and belief, the Owner has described in this Owner's Report in accordance with the requi		
By signing this certificate neither the Inspector nor his	s employer makes any warranty, e	xpressed or implied
concerning the examinations and corrective measures des		
Inspector nor his employer shall be liable in any manner for kind arising from or connected with this inspection.	r any personal injury or property dan	nage or a loss of an
Commission Commission	ons NC1444NIABL	
Inspector's Signature	National Board, State, Province	, and Endorsements
Date /-23-08		

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 01742556-36 Unit 1. Owner 2. Plant **Duke Power Company** Oconee Nuclear Station ONS - 3 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/5/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant (RC), ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** 19 Edition, No Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 2000 98 Edition, Addenda. 19 (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer **National** Other Year Corrected, **ASME** Component Manufacturer Serial Number Board No. Identification Built Removed, Code or installed Stamped (Yes / No) 1", 6000# SW UNK N/A N/A N/A UNK Installed NO **Full Coupling** 7. Description of Work Coupling for pipe was added as part of ONS3 Pzr water space level tap safe end replacement. 8. Test Conducted Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other **Test Temperature** 

	Work Order Number	Sheet
	01742556-36	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
1 " 6000# socket worlded full counting stainless steel ASME SA192 F216	CAT ID. 402420 1 HTC Number	1045567
1", 6000# socket welded full coupling, stainless steel, ASME SA182, F316,	CAI ID: 493428-1, OIC Number	次 1845302.
<b>8</b>		
9		
8		
<b>6</b>		
•	•	
8		<del> </del>
		· :
9		
Φ		
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not A	nis conforms to the requirement policable	nts of the
	· . · · · · · · · · · · · · · · · · · ·	pplicable
Signed Owlelfold MCE/Chin primine Eyr [	Date [2 06 07	
Owner or Owner's Designee, Title		
CERTIFICATE OF INSERVICE INSI	PECTION	·
I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of METH CRECINA of Hartford, Connecticut	al Board of Boiler and Pressure and employed by H have inspected the comp	SB CT onents described
in this Owner's Report during the period  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.	examinations and taken cor the ASME Code, Section XI. r makes any warranty, expre- his Owner's Report. Further	essed or implied, more, neither the
Inspector's Signature Commissions	National Board, State, Province, and	1 Endorsements

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 1741250 2. Plant Unit 1. Owner ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/11/2007 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class RCS, ASME Class 1 5. (a) Applicable Construction Code: Edition. ASME Section III 19 No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components National Name of Name of Manufacturer Other Year Corrected, **ASME** Component Manufacturer **Serial Number** Board No. Identification Built Removed, Code or Installed Stamped (Yes / No) CRDM-66 1725 UNK UNK UNK NO Removed Areva Closure Insert CRDM-66 UNK **UNK UNK** Installed NO Areva 1725 Closure Insert 7. Description of Work Removed CRDM closure insert for root cause evaluation for PIP 07-7324. Replaced with spare closure insert to minimize outage delay. 8. Test Conducted Pneumatic Nominal Operating Pressure Exempt Hydrostatic

Pressure 2155

PSI

**Test Temperature** 

532

. , ,		Work Order Number	Sheet
		1741250	2 of 2
9. Remarks (Applicable Manufacturer's Data	Reports to be attached)		
			•
CRDM # 66 closure was removed and new	one installed.Stock Code # 1774	5, UTC # 1024461, A	reva Part # 7079271-032
2			-
<b>8</b>			
4	•		
6			
6			
0			
8			
9			
<b>o</b>			
			·
	CERTIFICATE OF COMPLIAN	ICE	
I certify that the statements made in the ASME Code, Section XI.			equirements of the
Type Code Symbol Stamp	Not A	pplicable	
Certificate of Authorization Number		Expiration Date	Not Applicable
211	1 - 0	, <del>,</del>	
Signed Owner or Owner's Designed		Date //3:/200	<u> 8 (1996 - 1997) - 1997 - 1997 - 1997</u>
<i>y</i>			
CE	ERTIFICATE OF INSERVICE INS	PECTION	
I, the undersigned, holding a valid cor			d Pressure Vessel
Inspectors and the State or Province of	NORTH CAROLINSA 8	and employed by 🔩	HSB-CT-
of Hartford, Co. in this Owner's Report during the period		<del></del>	the components described , and state that
to the best of my knowledge and belie			
described in this Owner's Report in accord	dance with the requirements of	the ASME Code, S	ection XI.
By signing this certificate neither the concerning the examinations and correct			
Inspector nor his employer shall be liable			
kind arising from or connected with this in			
Start	Commissions NC/s	WY WIBBC	
Inspector's Signature			Province, and Endorsements
Date /-30-08			

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 1779977-10 2. Plant 1. Owner ONS - 3 Duke Power Company Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 1/28/2008 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class RC System, ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition. No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) 6. Identification of Components Manufacturer Name of National Other Year Corrected, ASME Name of Manufacturer Serial Number Board No. Identification Built Removed. Code Component or Installed Stamped (Yes/No) Drawing Valve 3RC-4 Westinghouse None 1970 Corrected NO 1167E74 7. Description of Work This repair was not required due to a failure of the existing seal weld. This work order required a disassembly of 3RC-4 to perform an internal inspection of the stem. Following reassemble, the seal weld was restored. 8. Test Conducted Hydrostatic Pneumatic Nominal Operating Pressure Other Liquid Penetrant Exempt **Test Temperature** 

1.29.08

Date

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 2 of 2 1779977-10 9. Remarks (Applicable Manufacturer's Data Reports to be attached) O None 8 6 6 0 0 **CERTIFICATE OF COMPLIANCE** I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable **Expiration Date** Certificate of Authorization Number Not Applicable Not Applicable LAGINEER Date Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel inspectors and the State or Province of North Carolina and employed by HSB CT Hartford, Connecticut have inspected the components described in this Owner's Report during the period to 1-29-08 , and state that 1.28-08 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. Commissions NC1444NIABC National Board, State, Province, and Endorsements

•					Work Order Number		Sheet	of 2
					017425	54		01 2
1. Owner	1		2. P				Unit	
	er Company				Nuclear Station		ON	NS - 3
	Church Street		[		ochester Hwy SC 29672		Date	
Charlotte,	NC 28201-100	U	<u> </u>	Selieca,	SC 29072		12	-9-07
3. Work Performed	d by				Type Code Symbol St	amp Not App	licable	
	ver Company				Authorization Numbe	<u></u> r		
	Church Street		•			Not App	licable	
Charlotte,	, NC 28201-100	16			Expiration Date	Not App	licable	
4. Identification of	System, ASME (	Class				Тостірр	,	
			tor Co	oolant System.	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 Utiliz	zed For R/R	Activit	y 19 98	Edition, No Edition, 2000	Addend Addend	ia, i No (	Code Case
6. Identification of		<u> </u>	, , , , , , , , , , , , , , , , , , , ,	1011 000 1			· · · · · · · · · · · · · · · · · · ·	
Name of Component	Name of Manufacturer	Manufacte Serial Nun		National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stampe (Yes / No
Pressurizer 2½" Relief Valve Nozzle butt weld to flange	wsi	None		None	Weld # 3-PZR-WP91-1-WOL	2007	Corrected	No
Pressurizer 2½" Relief Valve Nozzle butt weld to flange	WSI	None		None	Weld # 3-PZR-WP91-2-WOL	2007	Corrected	No
Pressurizer 2½" Relief Valve Nozzle butt weld to flange	WSI	None		None	Weld # 3-PZR-WP91-3-WOL	2007	Corrected	No
1. Piping	DPCo.	None		None	None	2007	Corrected	No
7. Description of	Work	<u> </u>		<del></del>	·	<u> </u>	<u> </u>	
existing pressurize	er safety/relief v WP91-2, and 3-P	alve nozzle ZR-WP91-	s to fl 3). T	anges Alloy 6	0 (weld metal Alloy 52 00 (weld metals Alloy ays were designed and	82/182)	butt welds (3-F	PRZ-
				-	3RC-15 is removed to estoration of the pressu		-	

Nominal Operating Pressure Exempt

**Test Temperature** 

PSI

Other

Hydrostatic Pneumatic

Pressure

	Work Order Number	·	Sheet
	01742554	. [	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)			
	· · · · · · · · · · · · · · · · · · ·		
An additional coupling was added in the 1" pressurizer vent line:			
Full Pipe Coupling: 1", ASME SA182 Gr. F316, 6000# (stock code 5934	428)		
			· · · · · · · · · · · · · · · · · · ·
	· ·	·	
	•		
Cost of the Control o	lygan tig in an a	* j.:	Marine Control
		· · ·	
			,
	· · · · · · · · · · · · · · · · · · ·		\
CERTIFICATE OF COMPLIA  I certify that the statements made in the report are correct and that the		eauiremen	ts of the
I certify that the statements made in the report are correct and that a ASME Code, Section XI.		equiremen	ts of the
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 r		
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  L. S. White, Engineer  Hubbite	this conforms to the re	Not Ap	
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	this conforms to the repplicable  Expiration Date	Not Ap	
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  L. S. White, Engineer  Owner or Owner's Designee, Title	this conforms to the repplicable  Expiration Date  Date	Not Ap	
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  L. S. White, Engineer  Hubite	this conforms to the repplicable Expiration Date Date	Not Ap 12-9-07	plicable
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  L. S. White, Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSE	this conforms to the respectable  Expiration Date  Date  SPECTION  all Board of Boiler and and employed by	Not Ap 12-9-07 d Pressure HS	plicable  Vessel
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed  L. S. White, Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSERVIC	Expiration Date  Date  BPECTION  all Board of Boiler and employed by have inspected	Not Ap 12-9-07 d Pressure HS	vessel SB CT nents described
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed L. S. White, Engineer Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE	Expiration Date  Date  BPECTION  all Board of Boiler and employed by have inspected  1.28-08	Not Ap 12-9-07  d Pressure HS	Vessel SB CT enents described
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed  L. S. White, Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSERVIC	Expiration Date  Date  BPECTION  all Board of Boiler and employed by have inspected to  1.28.08  d examinations and of the ASME Code, See	Not Ap 12-9-07  d Pressure H3 the compo	Vessel BB CT Inents described In 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 Applicable  Signed  L. S. White, Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSERVIC	Expiration Date Date Date Applicable  Expiration Date Date Date Applicable  Expiration Date Date Date Date Date Applicable Date Date Date Date Date Date Date Dat	Not Ap 12-9-07  d Pressure H3 the compo	Vessel SB CT Thents described, and state that ective measured seed or implie
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  Signed  L. S. White, Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE	Expiration Date  Date  BPECTION  The provided and employed by  have inspected to  A 28-08 to examinations and of the ASME Code, Seer makes any warrathis Owner's Report.	Not Ap 12-9-07  Description Pressure Attacher correction XI. Introduction Pressure The composition of the co	Vessel SB CT Inents described , and state that ective measure ssed or implied
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed L. S. White, Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE	Expiration Date  Date  BPECTION  That Board of Boiler and employed by have inspected to 120 and examinations and of the ASME Code, Seer makes any warrathis Owner's Reportmental injury or propertional injury	Not Ap 12-9-07  Description Pressure Attacher correction XI. Introduction Pressure The composition of the co	e Vessel SB CT Inents described , and state that ective measure ssed or implied
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed L. S. White, Engineer  Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE	Expiration Date  Date  BPECTION  The provided and employed by  have inspected to  A 28-08 to examinations and of the ASME Code, Seer makes any warrathis Owner's Report.	Not Ap  12-9-07  d Pressure  HS  the compositation XI.  nty, expre  Furthern  y damage	Vessel SB CT Inents described , and state that rective measure ssed or implied nore, neither the

		E Code Section XI		Work Order Nur	nber	Sheet	<u> </u>
				1785	5315	1	of 2
I. Owner		2. P	lant			Unit	
Duke Pov	wer Company		Oconee N	uclear Station		0	NS - 3
<del>-</del>	h Church Street			ester Hwy		Date	· · · · · · · · · · · · · · · · · · ·
Charlotte	, NC 28201-1006	,	Seneca, So	29672		2/1	3/2008
3. Work Performed by				Type Code Sym		pplicable	
	Duke Power Company			Authorization N			
	h Church Street e, NC 28201-1006	5	• .			pplicable	
Charlotte		,		Expiration Date		pplicable	
4. Identification o	f System, ASME CI		re Injection, AS	ME Class 2			
5.				· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
(a) Applicable Con		USAS B31.7		Edition, No	Addend		Code Case
<ul><li>(b) Applicable Editi</li><li>(c) Applicable Sect</li></ul>			19 98	Edition, 2000	_ Addeno	la.	,
6. Identification of		/			·····		
Name of	Name of	Manufacturer	National	Other	Year	Corrected,	ASME
Component	Manufacturer	Serial Number	Board No.	Identification	Built	Removed, or Installed	Code Stamped
						oi ilistalleu	(Yes / No)
3A HPI Pump	Ingersoll-Rand	UNK	UNK	Model # 2.5VHTB-24	1997	Corrected	NO
				*			
	·	·					
		i					
					,		<u> </u>
7. Description of							
		pport weld on 3A	A HPI pump four	d during ISI exam	ination		
B. Test Conducte	d						

**Test Temperature** 

	Work Order Num	ber	Sheet
	17853	15	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	·		<del></del>
0			
0			
€			
•			· ·
<b>6</b>			
<b>6</b>	· ·		
0			
8		·	
9			<del></del>
<b>o</b>	·		
CERTIFICATE OF COMPLIA  I certify that the statements made in the report are correct and the ASME Code, Section XI.		e requiremen	ts of the
Type Code Symbol Stamp Not	Applicable	<u> </u>	
Certificate of Authorization Number / Not Applicable	Expiration Date	Not Ap	plicable
Signed Aaron Best, Engineer Owner or Owner's Designee, Title	Date	2/13/2008	
	·	<del></del>	

Signed C		Aaron Best, Engine	er Date	2/	/13/2008
	Owner or Owner's Designee,	Title			
					· · · · · · · · · · · · · · · · · · ·
	CER	FIFICATE OF INSERVIC	E INSPECTION	N	
I, the undersig	gned, holding a valid comm	nission issued by the N	lational Boar	d of Boiler and I	Pressure Vessel
Inspectors and the	e State or Province of $\Lambda$	JORTH CAROLINA	and em	ployed by	HSB CT
of	Hartford, Conn	ecticut	ha	ve inspected th	e components describe
in this Owner's Re	eport during the period	11-28.0	7 to 2	-14-08	, and state th
	y knowledge and belief,				
	Owner's Report in accorda				
By signing the	is certificate neither the	inspector nor his em	iployer make	es any warrant	y, expressed or impli-
Inspector nor his	xaminations and corrective employer shall be liable in	e measures describe	u in this Uw	ners Report.	demand or a loss of a
	or connected with this insp		personal in	ury or property	damage of a loss of a
····· g ·· o ··· ·	• • • • • • • • • • • • • • • • • • •	00110111			
	meth	Commissions	NC 144	YNIABC	
Ins	pector's Signature		Nationa	Board, State, Pro	vince, and Endorsements
Date 2-14.6					
Date					

				Work Order Nun	nber	Sheet		
)				1785	5745	1	of 2	
. Owner		2. PI	lant	· <b></b> _		Unit		
Duke Pov	ver Company		Oconee Nu	clear Station		O1	ONS - 3	
	Church Street		7800 Roch	ester Hwy		Date	<u> </u>	
Charlotte	, NC 28201-1006		Seneca, SC	29672		2/12	2/2008	
. Work Performe	d by			Type Code Sym		pplicable		
Duke Pov	wer Company			Authorization N		ррисцою		
	h Church Street					pplicable		
Charlotte	, NC 28201-1006	<b>,</b>		Expiration Date	Not A <sub>l</sub>	pplicable		
. Identification of	System, ASME C		re Injection, ASN	ΔE Class 2				
<u> </u>	·	<u> </u>	, .		<u> </u>	<del></del>	<del></del>	
a) Applicable Cons	struction Code:	USAS B31.7	19 69	Edition, <u>N</u> o	Addend	da, <u>No</u> 0	Code Cas	
	on Section XI Utilize		19	Edition, 2000	_ Addend	da.		
<ul><li>c) Applicable Sect</li><li>b. Identification of</li></ul>	ion XI Code Case(s	) None					-	
•		l	Î Natanal l	Other	l V	l Commonted	l ASME	
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed,	Code	
•					ļ. !	or Installed	Stampe (Yes / N	
Letdown Storage	Chattanooga							
ank	Boiler and Tank Co. for B&W	UNK	UNK	UNK	1968	Corrected	YES	
		·			e.			
· · · · · · · · ·			·	: :	-			
· · · · · · · · · · · · · · · · · · ·				·				
		٠.						
					ļ. : <u></u>			
						1		
				· · · · · · · · · · · · · · · · · · ·				
				<del> </del>		·		
					ļ			
					ļ			
. Description of				<del> </del>				
Repaired weld inc	lications on suppo	ort welds on 2 of	legs on the LDS	ST.				
	·							
. Test Conducte	ed							
Hydrost	atic Pneuma	ic Nominal C	Operating Pressure	Exempt 🔀	Other _	Surface Examin	nation_	
	Pressure	PSI	Test Temp	erature	°F	•		

	Work Order Number	Sheet
	1785745	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
o Due to vessle being in a Locked High radiation	n area, name plate in	formation
O Due to vessle being in a Locked High radiation cannot be verified at this time. Drawing OM to 1965 edition of ASME Seption III	201-63 Slates that ta.	ok is built
<b>3</b>		
•		
6		
6		
•		
<b>3</b>		
9		
<b>(a)</b>		. 1.
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 requireme	nts of the
Certificate of Authorization Number Not Applicable	Expiration Date Not A	pplicable
Signed Aaron Best, Engineer Owner or Owner's Designee, Title	Date 2/12/200	8
Owner of Owner 5 Designee, Thie		· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF INSERVICE INS	SPECTION	
I, the undersigned, holding a valid commission issued by the Nation Inspectors and the State or Province of North Carolina of Hartford, Connecticut in this Owner's Report during the period //-30.07 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 Inspector nor his employer shall be liable in any manner for any perskind arising from or connected with this inspection.	hal Board of Boiler and Pressur and employed by H have inspected the composito 2-14-08 d examinations and taken cor of the ASME Code, Section XI. er makes any warranty, exprethis Owner's Report. Further	onents described , and state that rective measures essed or implied, more, neither the
Inspector's Signature Commissions	National Board, State, Province, and	d Endorsements
Date 2-14-08		

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 1763172 2. Plant Unit 1. Owner ONS - 3 Oconee Nuclear Station **Duke Power Company** 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 12/3/2007 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class RCS, ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** 19 Edition, No Addenda, Code Case 2000 (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition. Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Manufacturer **National** Other Year Corrected. **ASME** Name of Name of Component Manufacturer Serial Number Board No. Identification **Built** Removed, Code or Installed Stamped (Yes / No) **DPC** 2007 NO Pipe None None None Installed 7. Description of Work Install 2 1/2 inch and 1 inch pipe that had been removed to repair the HPI/RCS thermal sleeves. Thermal sleeves are internal to the pipe therefore not part of the pressure boundary. 8. Test Conducted ◯ Other Hydrostatic \_\_\_ Pneumatic Nominal Operating Pressure Exempt Functional Test **PSI Test Temperature** Pressure

as required by the provisions of the Monte code Beetlon 21	Work Order Number	Sheet
	1763172	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
Weld filler metal as specified by weld technical support		
2		
<b>③</b>		
<b>4</b>		
-		
6		
6		
•		
8		
<u>•</u>		
<u> </u>		
CERTIFICATE OF COI	MPLIANCE	
I certify that the statements made in the report are correct and ASME Code, Section XI.	I that this conforms to the r	equirements of the
,	Not Applicable	
Certificate of Authorization Number, Not Applicable	Expiration Date	Not Applicable
Signed Basil W. Com J. Senior Engine	•	12/3/2007
Owner or Owner's Designee, Title		1212001
CERTIFICATE OF INSERVIO	CE INSPECTION	
I, the undersigned, holding a valid commission issued by the I		
of Hartford, Connecticut	<del></del>	HSB CT the components described
in this Owner's Report during the period 9-10-07	to 2-/4-08	, and state that
to the best of my knowledge and belief, the Owner has perf		
described in this Owner's Report in accordance with the requirem		
By signing this certificate neither the Inspector nor his er concerning the examinations and corrective measures describe		
Inspector nor his employer shall be liable in any manner for any		
kind arising from or connected with this inspection.	, paratitum injury of proport	.,
	ווענע הא	
Inspector's Signature Commissions	National Roard State P	rovince, and Endorsements
2 111 - 0	ranona board, state, P	TOTTICE, and Endorsements
Date		

	,		•	Work Order Nu	mber	Sheet	
				9873	31109	1 c	of 3
1. Owner		2. F	Plant	<u></u>	<del></del>	Unit	<del></del>
Duke Pow	er Company		Oconee No	uclear Station		O	NS - 3
,	Church Street			nester Hwy		Date	
Charlotte,	NC 28201-1006		Seneca, SC	C 29672		5/.	25/06
3. Work Performed	by			Type Code Sym		pplicable	
	ver Company Church Street	·		Authorization N		pplicable	
	NC 28201-1006	•		Expiration Date	,	pplicable	
4. Identification of	System, ASME CI				NOI A	ррисаоте	
		LP	SW, ASME Clas	s 2			
<ul><li>5.</li><li>(a) Applicable Const</li><li>(b) Applicable Editio</li><li>(c) Applicable Section</li></ul>	on Section XI Utilize	•	19 69 19 98	Edition, No 2000	Addeno	·	Code Case
6. Identification of	Components	<del>-</del>	-				
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) 3A RBCU Coil # 1	. Aerofin	None	None	None	1993	Removed	YES
(2) (4) 3A RBCU Coil # 1	Aerofin	050904	1894	None	2005	Installed	YES
(1) 3A RBCU Coil #2	Aerofin	None	None	None	1993	Corrected	YES
(2) (4) 3A RBCU Coil # 2	Aerofin	050903	1893	None	2005	Installed	YES
(1) 3A RBCU Coil #4	Aerofin	None	None	None	1993	Removed	YES
(2) (4) 3A RBCU Coil # 4	Aerofin	050902	1892	None	2005	Installed	YES
7. Description of WPM on the 3A RBC channel head. This inch dia. LPSW pip - Additionally due - Tubes that showe mechanical tube plants only were replaced.	CU Coils (tube closs involved disassed ping bolting mate to coil tube inlet and signs of significations. In the	embling the Lowerial for the pipin erosion, protecticant degradation	v Pressure Service ng-to-coil flanges ive stiffener sleev in the form of ID to of the four 3A co	e Water (LPSW) p required replacem res were installed i	piping from nent due to in the tube were rem	m the coils. The osurface degrate ends of select noved from ser	ne 5/8- adation. ted tubes.

As required by the provisions of the ASME Code Section XI Work Order Number Sheet 98731109 2 of 3 1. Owner 2. Plant Unit ONS - 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Charlotte, NC 28201-1006 Seneca, SC 29672 5/25/2006 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class LPSW, ASME Class 2 5. (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition, No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 2000 19 Edition. Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Year Corrected, ASME Serial Number Board No. Identification Removed, Code Component Manufacturer Built Stamped or installed (Yes / No) (3) (4) 3A RBCU Coil #2 None Aerofin None None 1993 Corrected YES (3) 3A 050902 1892 Aerofin None 2005 YES Corrected RBCU Coil #4

Work Order Number Sheet

	98731109	3 of 3
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	<u> </u>	· · · · · · · · · · · · · · · · · · ·
3A RBCU Coils # 1, 2, & 4 had the tube bundles replaced (due to extensive coils. The waterboxes to the coils were not replaced, only the tube bundles. The coils were not replaced, only the tube bundles.	he waterboxes from the 3 old coi	
Note the waterbox is the subcomponent of the coil that has the N-stamp namepl 3A RBCU Coils # 1, 2, & 4 - new tube bundles were installed. The tube burdles	late attached to it.	U coil The coils
are N-stamped components, Stock Code 377897, UTC #'s 0001090045, 000108	37088, & 0001090046. (Form N-	I's attached). The
waterboxes to the coils were not replaced, only the tube bundles. The waterbox up to the new bundles. Note the waterbox is the subcomponent of the coil that I	xes from the 3 old coils were reus	sed and were bolted
Installed stiffener sleeves (0.500-inch ID x 0.556-inch OD, SA213 type 3161 Coil # 2 (approximately 100 sleeves). AREVA part number 9009920-002, Stock and Stock are supported by the state of the state		ends of 3A RBCU
Installed mechanical tube plugs, Pop-A-Plugs (26 plugs in the old Coil #3, a Stock Code #s 476892, 591018, 438772.		
Replaced 5/8-inch diameter nuts (SA194 Gr 2H) and studs (SA193 B7 thread #293556, UTC #0001088212, and Stock Code #297412, UTC #'s 0001082122	ded rod) on the 3A RBCU Coil fl 2 and 0001088217).	anges (Stock Code
6		
6		
•		
8		
I certify that the statements made in the report are correct and that the ASME Code, Section XI.	his conforms to the requiremen	nts of the
Type Code Symbol Stamp Not Ap	pplicable	
Certificate of Authorization Number Not Applicable	Expiration Date Not A	pplicable
Signed Owner or Owner's Designee, Title	Date5/25/06	
CERTIFICATE OF INSERVICE INSE	PECTION	
I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of	and employed by H	SB CT
of Hartford, Connecticut	have inspected the compo	
in this Owner's Report during the period 1-33.ac to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of	examinations and taken corf the ASME Code, Section XI.	rective measures
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	his Owner's Report. Further	more, neither the
kind arising from or connected with this inspection.	•	
MB Grand Commissions G/ Inspector's Signature	A 203 AINC National Board, State, Province, and	1 Endorsements
Date 8-15-06 Commissions	adagan ti sa ara misa sa kata ara ara ara ara ara ara ara ara ara	

				Work Order Nu	ımber	Sheet	
	•			987	31110	1 6	of 2
1. Owner		2. PI	lant			Unit	
	wer Company			iclear Station	•	0	NS - 3
	h Church Street		7800 Roche	•		Date	At
	e, NC 28201-1006	,	Seneca, SC				5/2006
3. Work Performe	d by			Type Code Syr		pplicable	
	wer Company			Authorization			
	th Church Street e, NC 28201-1006	6		Funitation Det		pplicable	·
Charter	,110 20201 1010	·	,	Expiration Date		pplicable	
4. Identification of	f System, ASME CI		CUL AGME OL.	^			
		Lrs	SW, ASME Class	3.2			
<ul><li>5.</li><li>(a) Applicable Cons</li></ul>		USAS B31.7	ì9 <u>69</u>	Edition, No	Adden	da, No	Code Case
	ion Section XI Utilize		19 98	Edition, 2000	Adden	da.	
6. Identification of	tion XI Code Case(s)  f Components	s)None					
·Name of	Name of	Manufacturer	National	Other	Year	Corrected,	ASME
Component	Manufacturer	Serial Number	Board No.	Identification	Built	Removed, or Installed	Code Stamped
				· .		Vi motanos	(Yes / No)
(1) (2) 3B RBCU	Aerofin	None	None	None	1993	Corrected	YES
Coils # 1, 2, 3, 4	<u> </u>				<del>                                     </del>	<u> </u>	<del> </del>
						·	
	<b> </b>						<del> </del>
							<del>                                     </del>
	1	1					
7. Description of \	Work	<u></u>	<u> </u>		<u> </u>	1	
	CU Coils (tube cle		•	-	-	•	
	is involved disasse						
inch diameter LPS degradation.	SW piping bolting	material for the p	nping-to-con nar	iges required rep	lacement	due to surface	•
•	to coil tube inlet	erosion, protectiv	e stiffener sleevε	es were installed	in the tube	ends of select	ted tubes.
Tubes that show	-i of significa	dation in	41 f of ID a	- ·ii <b></b>		1 from gomi	1
mechanical tube p	signs of significar lugging.	at degradation in	the form of 1D cc	orrosion pitting w	/ere remov	/ea from servi	ce by
······································	· • • • • • • • • • • • • • • • • • • •					;	
8. Test Conducted			Operating Pressure	Exempt D	Other	pressure test	

	Work Order Number	Sheet
	98731110	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	<u> </u>	
<ul> <li>Replaced 5/8-inch diameter nuts (SA194 Gr 2H) and studs (SA193 B7 thread # 293556, UTC # 0001088212, and Stock Code # 297412, UTC #'s 0001082122</li> </ul>		langes (Stock Code
<ul> <li>Installed stiffener sleeves (0.500-inch ID x 0.556-inch OD, SA213 type 31 (approximately 100 sleeves in each of 4 coils). AREVA part number 9009920-</li> <li>Installed mechanical tube plugs (52 plugs total for all 4 coils) in degraded to</li> </ul>	-002, Stock Code # 593541.	
8		
•		
6		
<b>6</b>		
0	• .:	
8		
9		
CERTIFICATE OF COMPLIAN	1CE	
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 Ap	pplicable	
Certificate of Authorization Number Not Applicable	Expiration Date Not A	pplicable
Signed Agmes H Batton Engineer D	Date 5/25/06	· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF INSERVICE INSE	PECTION	
I, the undersigned, holding a valid commission issued by the Nationa	al Board of Boiler and Pressure	ISB CT
in this Owner's Report during the period 1-23-06 to	8-15-06	, and state that
to the best of my knowledge and belief, the Owner has performed	examinations and taken cor	
described in this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his employer	f the ASME Code, Section XI.	
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.		
MB Changes Commissions	C 4 222 4 1110	
	National Board, State, Province, and	i Endorsements
Data Comment		

As required by the pro					Γ	Work Order Nur	nber	Sheet	
	,				Ì	9873	1111	1 c	of 2
1. Owner			2. Pla	ent				Unit	
Duke Pov	ver Company	, i		Oconee N	uclea	r Station	•	O1	NS - 3
	Church Street	_		7800 Rock		. •		Date	AHE
Charlotte,	, NC 28201-1006	)		Seneca, So	C 29	672 		5/2:	5/2006
3. Work Performed	d by			<del></del>		Type Code Sym		pplicable	
Duke Pov	wer Company			•	ŀ	Authorization N		ppiicaoic	
	h Ghurch Street				L			pplicable	
Charlotte	, NC 28201-1006	5			ſ	Expiration Date	Not A	pplicable	
4. Identification of	System, ASME C	lass	-			<del></del>	HOLA	ppneaoie	
	· ·		LPS	W, ASME Clas	ss 2				
5.		VICAC D	21.7	10 (0	C 4:4:		A 1.2		2.1.0
<ul><li>(a) Applicable Cons</li><li>(b) Applicable Edition</li></ul>	<del></del>	USAS B: ed For R/R A		$\frac{19}{19} \frac{69}{98}$	Editi-	·	Addeno		Code Case
(c) Applicable Secti	on XI Code Case(s	•							
6. Identification of	Components					,			
Name of Component	Name of Manufacturer	Manufacti Serial Nun		National Board No.	ld.	Other entification	Year Built	Corrected, Removed,	ASME Code
Component	Manufacturer	Certai Ivan		Doard No.	"	enancation	Built	or installed	Stamped
		 				<del></del>		<u> </u>	(Yes / No
(1) (2) 3C RBCU Coils # 1, 2, 3, 4	Aerofin	None		None		None	1993	Corrected	YES
		ļ. —		· · · · · · · · · · · · · · · · · · ·					<del></del>
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	÷					
				**************************************	<del>                                     </del>	<del></del>			
							İ		
							,	,	·
			}	<del></del>			<del></del>		
	·	•					,		!
				<del> :</del>					
								V	
7. Description of V				,					
PM on the 3C RB0 channel head. Thi									
inch diameter LPS	W piping bolting	material for	r the pi	ping-to-coil fla	inges	required repla	acement of	due to surface	C 3/ G
degradation.									
Additionally due to Tubes that show si									
mechanical tube pl		. degradatio	ii iii uic	rionin or ID co	110510	on pitting wei	e remove	a nom seivice	Uy
•				, , , , , , , , , , , , , , , , , , ,					
8. Test Conducted		. [7]			_	]_ K7			
Hydrosta			iinal Op	erating Pressure			Other _ °F -	pressure test	
	Pressure	PSI		Test Temp	seratu	16.			

	Work Order Number	Sheet
	98731111	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		<u> </u>
• Replaced 5/8-inch diameter nuts (SA194 Gr 2H) and studs (SA193 B7 thread # 293556, UTC # 0001088212, and Stock Code # 297412, UTC # 0001082122)		anges (Stock Code
② Installed stiffener sleeves (0.500-inch ID x 0.556-inch OD, SA213 type 3161 (approximately 100 sleeves in each of 4 coils). AREVA part number 9009920-		ends of 3C coils
Installed mechanical tube plugs (100 plugs total for all 4 coils) in degraded tube	es. Stock Code #s 476892, 59101	8, 438772.
6		
•		
<b>§</b>		
6		
0		
8		
9		
I certify that the statements made in the report are correct and that ASME Code, Section XI.	this conforms to the requireme	ents of the
	pplicable	
1 10-11	Expiration DateNot A	pplicable
Signed Ames H Satton Engineer  Owner or Owner's Designee, Title	Date5/25/06	
CERTIFICATE OF INSERVICE INS	PECTION	· ·
in this Owner's Report during the period  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.	have inspected the composition  S-15-02  examinations and taken confirm ASME Code, Section XI.  r makes any warranty, expressions of the Composition of the Compositi	onents described , and state that rective measures essed or implied,
	National Board, State, Province, and	Endorsements

				•		=	
	·			98762	2999-25	1	of 2
1. Owner		2.	Plant			Unit 3	
	ver Company			uclear Station			
	n Church Street , NC 28201-1006	6	7800 Rock Seneca, So	hester Hwy C 29672		Date 05/0	1/2006
3. Work Performed			<del> ,</del>	Type Code Syn	nhol Stamp		24/2006
				,,,,,		pplicable	
	wer Company h Church Street			Authorization I		pplicable	
	, NC 28201-1006	5	•	Expiration Date	e		
4. Identification of	Outton ASME C	dana i			Not A	pplicable	
I. Identification of	System, Admic O		re Service Water,	ASME Class 2			
5.							
<ul><li>(a) Applicable Cons</li><li>(b) Applicable Edition</li></ul>		USAS B31.7 ed For R/R Activit		Edition, No Edition, 2000	Addend		Code Case
(c) Applicable Section							
6. Identification of							
Name of Component	Name of Manufacturer	Manufacturer Serial Number		Other Identification	Year Built	Corrected, Removed,	ASME Code
	i I					or Installed	Stamped (Yes / No)
3-14B-2480C- H6549	DPC	NA	NA	NA ·	1975	Removed	No
3-14B-2480C- H6549 (1)	DPC	NA	NA	NA	1975	Installed	No
	,			·			
	1						
					·		
	,						
. Description of W			<del></del>				
The hanger was remo	oved by grinding of ne of the base meta	off existing welds	and reinstalled per t and was reinstalled slightly gouged in so	by welding it per th	ne original	design. During t	the
	1.	J On Hanger was	Slightly gouged in s	everal locations. ivac	Milenance	repaired the oas	e IIIciai

As required by the provisions of the Asivie Code Section At					
	Work Order Number	Sheet			
	98762999-25	2 of 2			
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	•				
Hanger was welded back in its original location.	<del></del>				
•					
<b>3</b>					
·					
<b>3</b>					
6					
<b>6</b>		. ,			
<b>⊙</b>	<del></del>				
8					
0					
<b>10</b>					
	· · · · · · · · · · · · · · · · · · ·	<del></del>			
CERTIFICATE OF COMPLIA	ANCE				
I certify that the statements made in the report are correct and that ASME Code, Section XI.		nts of the			
	Applicable				
		!:Ы-			
1 I A	1	pplicable			
Signed MCE Engineer Owner or Owner's Designee, Title	Date 5/24/06				
		,			
CERTIFICATE OF INSERVICE INS	SPECTION				
I, the undersigned, holding a valid commission issued by the Nation		e Vessel			
Inspectors and the State or Province of North CAROLINA	and employed byH	ISB CT			
of Hartford, Connecticut	have inspected the comp				
	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 makes		aplied concerning			
the examinations and corrective measures described in this Owner's R					
employer shall be liable in any manner for any personal injury or prope					
connected with this inspection.		-			
Commissions VC	1444 DIABC	<del>,</del>			
Inspector's Signature	National Board, State, Province, and	1 Endorsements			

				Work Order Num	iber	Sheet	,
<u>-</u>				987629	199-10	. 1	of 3
1. Owner		2	2. Plant			Unit 3	
Duke Pov	wer Company	· ]	Oconee Nuc	clear Station			
,	h Church Street		7800 Roches	ster Hwy		Date	
	, NC 28201-1006	,	Seneca, SC	29672			25/06
3. Work Performed	•			Type Code Symb		plicable	
	wer Company		•	Authorization Nu			
	h Church Street				Not Ap	plicable	
Charlotte	e, NC 28201-1006	j		Expiration Date			
					Not Ap	plicable	
4. Identification of	System, ASME CI		ctor Coolant, ASME C	Class 1			
5.							
(a) Applicable Cons		USAS B31.		Edition, No	Addenda	a, <u>No</u> (	Code Case
(b) Applicable Edition			vity 19 98 E	Edition, 2000	Addenda	a	
(c) Applicable Secti		) <u>None</u>				·	
6. Identification of	Components						
Name of Component	Name of Manufacturer	Manufacture Serial Number		Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
Fig. 201 Ext. Piece for existing Fig. 200 Snubber	Anvil	N/A	N/A	UTC 1091661	N/A	Installed	No
PL 1 1/2	N/A	N/A	N/A	UTC 1079648	N/A	Installed	No
PL 1."	N/A	N/A	N/A	UTC 1072774	N/A	Installed	No
Rear Brkt. 1	Anvil	N/A	N/A	UTC 1091338	N/A	Installed	No
PL 1 1/2"	N/A	N/A	N/A	UTC 1071258	N/A	Installed	No
Heavy Hex Nuts SA 194 Gr. 2H	N/A	N/A	N/A	UTC 1060162	N/A	Installed	No
1" Sleeve (Micarta)	N/A	N/A	N/A	UTC 1021717	N/A	Installed	No
7. Description of V	Nork			,			
Revised S/R 3-50-	0-1066A-RCPM-	3A1-SS1 per (	OE300562				·
8. Test Conducted	d						
Hydrosta	atic Pneumati	<del></del>	nal Operating Pressure			Visual	
	Pressure	PSI	Test Temper	rature	^°F		

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 98762999-10 2 of 3 1. Owner 2. Plant Unit **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 5/25/06 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant, ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** Edition, No Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 2000 19 98 Edition, Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components **ASME** Name of Name of Manufacturer **National** Other Corrected, Year Code **Serial Number** Identification Component Manufacturer Board No. Removed, Built Stamped or Installed (Yes / No) 1" Washers N/A N/A N/A UTC 1079378 Installed N/A No 1" A-325 N/A N/A N/A UTC 9322578 N/A Installed No **Bolts** 1" SA-194 N/A N/A Installed N/A UTC 1060162 N/A No Gr. 2H Nuts

	Work Order Number	Sheet
	98762999-10	3 of 3
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
V		
0		
0		
€		
<b>4</b>		
6		
<b>6</b>		
<b>0</b>		·
8		~ .
9		
0	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
I certify that the statements made in the report are correct and the ASME Code, Section XI.		irements of the
Type Code Symbol Stamp Nor	t Applicable	
Certificate of Authorization Number Not Applicable	Expiration Date	Not Applicable
Signed July Sr. Eng.	Date 5 · 25 · 06	
Owner or Owner's Designee, Title		
OFFICE ATE OF WORD WAS	NODECTION .	<del></del>
I, the undersigned, holding a valid commission issued by the Nationspectors and the State or Province of Marth Chapter of Hartford, Connecticut in this Owner's Report during the period to the best of my knowledge and belief, the Owner has perform described in this Owner's Report in accordance with the requirements. By signing this certificate neither the Inspector nor his employer shall be liable in any manner for any pekind arising from or connected with this inspection.	onal Board of Boiler and Prand employed by have inspected the to 9-12-06 ed examinations and takes of the ASME Code, Section of the Asmediate	HSB CT components described , and state that en corrective measures on XI. expressed or implied, furthermore, neither the
Inspector's Signature Commissions	National Board, State, Provi	nce and Endorsements
inspector's digitature	Mational Doald, State, Provi	ice, and Endorsements

$\checkmark$		•	•	Work Order Nun	nber	Sheet	
				987629	999-11	1	of 3
1. Owner		2.	Plant			Unit 3	
Duke Pov	wer Company		Oconee Nucle	ear Station		ļ	
	h Church Street		7800 Rochest	er Hwy		Date	
Charlotte	, NC 28201-1006	,	Seneca, SC 2	9672		5/1	19/06
3. Work Performed	d by			Type Code Syml		oplicable	
Duke Power Company  Authorization Number				· · · · · · · · · · · · · · · · · · ·			
	h Church Street	-			Not Ap	oplicable	
Charlotte	e, NC 28201-1006		:	Expiration Date	Not Ap	plicable	
4. Identification of	f System, ASME CI		or Coolant, ASME CI	222 1		· <u>·</u>	10, 111
		Reacit	JI COOIAIR, ASIVIL CI	455 1			
<ol><li>5.</li><li>(a) Applicable Cons</li></ol>	struction Code:	USAS B31.7	7 19 69 Edi	ition, No	Addend	la, No (	Code Case
(b) Applicable Edition		d For R/R Activi	ity 19 98 Edi	ition, 2000	Addend	la.	•
(c) Applicable Secti		) None					
6. Identification of	Components				,		
Name of Component	Name of Manufacturer	Manufacturer Serial Numbe		Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
Fig. 201 Ext. Piece for existing Fig. 200 Snubber	Anvil	N/A	N/A U	UTC 1091661	N/A	Installed	No
6X6X.5 Tube Steel	N/A	N/A	N/A U	JTC 103 4698	N/A	Installed	No
PL 4"	N/A	N/A	N/A (	UTC 1090733	N/A	Installed	No
Rear Brkt for Fig. 201 Snubber	Anvil	N/A	N/A (	JTC 1081978	N/A	Installed	No
Rear Brkt for Fig. 201 Snubber	Anvil	N/A	N/A (	JTC 1091338	N/A	Installed	No
PL 1"	N/A	N/A	N/A (	JTC 1072774	N/A	Installed	No
PL 1 ½"	N/A	N/A	N/A (	JTC 1079648	N/A	Installed	No
7. Description of V	Nork						
Revised S/R 3-50-	0-1066A-RCPM-	3A1-SS2 per O	)E300562	·			
8. Test Conducted	d		·	,			
Hydrosta	atic 🔲 Pneumati	ic Nomina	Operating Pressure	Exempt 🗵	Other	Visual	
	Pressure	PSI	Test Temperat	ture	- °F		

				Work Orde	er Number	Sheet	
				98	3762999-11	. 2	of 3
1. Owner		2.	Plant			Unit	
	Power Company	1	Oconee	Nuclear Station		3	
	outh Church Street			ochester Hwy		Date	
Charle	otte, NC 28201-10	006	Seneca,	SC 29672		5/	/25/05
3. Work Perfor	med by			Type Code	e Symbol Stam		
Duke	Power Company		,	A sheaten		Applicable	<u> </u>
	outh Church Stree	et		Authorizat	tion Number Not	Applicable	
	otte, NC 28201-10			Expiration	Date		<del></del>
		·			Not	Applicable	
4. Identification	n of System, ASME		or Coolant, ASM	AE Class 1			
5. (a) Applicable C	Construction Code:	USAS B31.7	7 19 69	Edition, 1	No Adde	enda, No	Code Case
(b) Applicable E	Edition Section XI Uti	tilized For R/R Activit			000 Adde		,
	Section XI Code Cas	se(s) None				`	
	n of Components			-			• <u></u>
. Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year n Built	Corrected, Removed,	ASME Code
Ounponent	Manufactor	Serial Iva	Dogra 1	luciniio	Du	or installed	Stamped (Yes / No)
1" A-325 Bolts	N/A	N/A	N/A	UTC 957255	N/A	Installed	No
1" A-325 Bolt	N/A	N/A	N/A	UTC 932578	N/A	Installed	No
1" Washers	N/A	N/A	N/A	UTC 1079378	B N/A	Installed	No
1" SA 194 Gr. 2H Nuts	' N/A	N/A	· N/A	UTC 1060162	? N/A	Installed	No ·
		·					·
	,						
			· · · · · · · · · · · · · · · · · · ·				
·		,					

	Work Order Number	Sheet
	98762999-11	3 of 3
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
0	·	
0		
•		
•		·
6	<del> </del>	
•		
0		
<b>©</b>	<del></del>	
<u> </u>		
Φ	1	
1		
I certify that the statements made in the report are correct and that the ASME Code, Section XI.	nis conforms to the requiremen	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 Applications are correct and that the ASME Code, Section XI.	nis 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  Not Applicable  Record of Authorization Number  Not Applicable	nis 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  Not Applicable  Record of Authorization Number  Not Applicable	nis 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  Not Applicable  Not Applicable	nis conforms to the requirement  pplicable  Expiration Date Not Ap	
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Recorded to the report are correct and that the ASME Code, Section XI.	nis conforms to the requirement  pplicable  Expiration Date Not Ap	
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Record of Authorization Number  Not Applicable	nis conforms to the requirement pplicable Expiration Date <u>Not Ap</u> Date <u>5 · 25 · 06</u>	
I certify that the statements made in the report are correct and that the ASME Code, Section XI.  Type Code Symbol Stamp  Not Applicable  Signed  Certificate of Authorization Number  Not Applicable  Signed  CERTIFICATE OF INSERVICE INSE	PECTION  al Board of Boiler and Pressure ind employed by History have inspected the composite ASME Code, Section XI.  r makes any warranty, expression of the ASME Code, Furthern is Owner's Report. Furthern	e Vessel SB CT Deposition of the control of the con

#### Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 3 98762999-12 2. Plant 1. Owner Unit **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 5/25/06 Type Code Symbol Stamp 3. Work Performed by Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant, ASME Class 1 5. **USAS B31.7** (a) Applicable Construction Code: Edition, No Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer **National** Other Corrected, ASME Year Serial Number Identification Removed, Code Component Manufacturer Board No. Built or Installed Stamped (Yes / No) Fig. 201 Ext. Piece for existing UTC 1091661 Installed Anvil N/A N/A N/A No Fig. 200 Snubber Rear BrktS for Anvil N/A N/A UTC 1088859 N/A Installed No. Fig. 201 Snubber Fig. 211 Sway Anvil N/A N/A UTC 938281 N/A Installed No Strut & Rear Brkt Fig. 211 Rear N/A UTC 1073585 Anvil N/A N/A Installed No Brkt. 6" Tube Steel N/A N/A UTC 1034698 N/A Installed N/A No

,						•	·
PL 3" N/A N/A N/A UTC 10090733 N/A Installed No  7. Description of Work  Revised S/R 3-50-0-1066A-RCPM-3A1-SS3 per OE300562  8. Test Conducted  Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Visual  Pressure PSI Test Temperature F							
Revised S/R 3-50	Test Conducted  Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Visual						
PL 3"		N/A	N/A	UTC 10090733	N/A	Installed	No
PL 1 1/2"	N/A	N/A	N/A	UTC 1079648	N/A	Installed	No

#### Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 98762999-12 2 of 3 1. Owner 2. Plant Unit 3 **Duke Power Company** Oconee Nuclear Station 526 South Church Street 7800 Rochester Hwy Date Charlotte, NC 28201-1006 Seneca, SC 29672 5/25/06 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class Reactor Coolant, ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** No 19 Edition, Addenda. No Code Case 19 98 (b) Applicable Edition Section XI Utilized For R/R Activity Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of **ASME** Name of Manufacturer National Other Corrected, Year Code Component Manufacturer **Serial Number** Identification Board No. **Built** Removed, Stamped or Installed (Yes / No) 1 1/4" washers N/A N/A N/A UTC 1058020 N/A Installed No 1 1/4" A-325 N/A N/A N/A UTC 1091604 N/A Installed No **Bolts** 1 1/4" SA 194 N/A N/A UTC 1078281 N/A N/A Installed No Gr. 2H Nuts **Pivot Pin** N/A N/A UTC 1064238 Anvil N/A Installed No

As required by the provisions of the Monte Code Section M	Work Order Number	Sheet
	98762999-12	3 of 3
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
0		
0		
<b>6</b>	<del></del>	<del></del>
0	5	
6	<del></del>	
<b>6</b>	· · · · · · · · · · · · · · · · · · ·	
0		
8		
<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		nts of the
Certificate of Authorization Number Not Applicable	Expiration Date Not A	pplicable
Signed July, Sr. Eng. Owner or Owner's Designee, Title	Date <u>5-25-06</u>	
	,	
CERTIFICATE OF INSERVICE INS	SPECTION	
in this Owner's Report during the period /- 6 - 06 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 Inspector nor his employer shall be liable in any manner for any perskind arising from or connected with this inspection.	have inspected the computo 9-13-06 I examinations and taken coroff the ASME Code, Section XI.  er makes any warranty, expressions Owner's Report. Further onal injury or property damage	ISB CT onents described , and state that rective measures essed or implied, more, neither the
Inspector's Signature Commissions	National Board, State, Province, and	d Endorsements
Note 9-12-2/		

Form NIS-2 Owner's Report for Repair/Replacement Activity As required by the provisions of the ASME Code Section XI Work Order Number Sheet 1 of 2 98771071-36 2. Plant Unit 1. Owner **Duke Power Company** Oconee Nuclear Station ONS - 3 526 South Church Street 7800 Rochester Hwy Date Seneca, SC 29672 Charlotte, NC 28201-1006 7/18/2006 3. Work Performed by Type Code Symbol Stamp Not Applicable **Duke Power Company Authorization Number** 526 South Church Street Not Applicable Charlotte, NC 28201-1006 **Expiration Date** Not Applicable 4. Identification of System, ASME Class High Pressure Injection, ASME Class 1 5. (a) Applicable Construction Code: **USAS B31.7** 19 69 Edition, No Addenda, Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 98 2000 Edition, 19 Addenda. (c) Applicable Section XI Code Case(s) None 6. Identification of Components Name of Name of Manufacturer National Other Year Corrected, **ASME** Manufacturer **Serial Number** Identification Code Component Board No. Built Removed, or Installed Stamped (Yes / No) Hanger 3-51A-DPC None None None 1970 Removed NO 2478A-H6384 Hanger 3-51A-DPC None None None 2006 Installed NO 2478A-H6384(1) 7. Description of Work Hanger was removed to faciliate removal and installation of 3B Letdown Cooler. Hanger was removed and re-installed using new nuts and washers. 8. Test Conducted

Nominal Operating Pressure

PSI

Exempt

Test Temperature

Hydrostatic

Pneumatic

Pressure

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

As required by the provisions of the ASME Code Section XI	de Section XI				
	Work Order Number	Sheet			
	98771071-36	2 of 2			
9. Remarks (Applicable Manufacturer's Data Reports to be attack	hed)				
● 3/8 inch x 16tpi galvanized nut were used, ASTM A563 Grad 368739, UTC 1079655 and 3/8 inch harden washers, ASTM F43 1079879.					
9					
€					
•					
9		,			
6					
•					
8					
•		<u> </u>			
<u> </u>					
CERTIFICATE (	OF COMPLIANCE				
I certify that the statements made in the report are correASME Code, Section XI.		rements of the			
Type Code Symbol Stamp	Not Applicable				
Certificate of Authorization Number Not Applicable	le Expiration Date N	Not Applicable			
Signed BarlW. Complete Senior Owner or Owner's Designee, Title	Engineer Date 7/18	3/2006			
· · · · · · · · · · · · · · · · · · ·					
CERTIFICATE OF INS	SERVICE INSPECTION				
I, the undersigned, holding a valid commission issued b	by the National Board of Boiler and Pre	essure Vessel			
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 7-34		components described			
to the best of my knowledge and belief, the Owner has		, and state that n corrective measures			
described in this Owner's Report in accordance with the req	quirements of the ASME Code, Section	n XI.			
By signing this certificate neither the Inspector nor	his employer makes any warranty,	expressed or implied,			
concerning the examinations and corrective measures de Inspector nor his employer shall be liable in any manner f					
kind arising from or connected with this inspection.	of any personal injury of proporty ac	imaye or a root or arry			
and I					

Commissions National Board, State, Province, and Endorsements

Date 7-26-06

Date: 02/04/08

Sheet: 1 of 1

TO:

ONS ISIM Plan Manager

FROM:

ONS QA Tech. Support

RE:

### PRESERVICE EXAMINATIONS OF CLASS 1 & 2 WELDS

As required by ASME Section XI 1998 Edition with 2000 addenda. Pre-service examinations were performed on ISI Class 1 & 2 welds made during the **U3EOC23** outage timeframe. The following is a list of the welds that received pre-service examinations during this outage timeframe.

WORK ORDER NUMBER	WELD NUMBER	ISI CLASS	INSPECTION TYPE		YPE	
, , , , , , , , , , , , , , , , , , , ,			MT	PT	RT	UT
1754656	3HP-0241-50 &	1		Х		
·	3RC-0211-73	1		Х		
1763172	3HP-0240-38 &	. 1		Х		
·	3RC-0210-46	1 .		Х		
	J					
						Ŭ
		·				
		,				
		<u> </u>				
·						
 		·				
					,	

Prepared By John R. Bayant

2-4-08

#### Pressure Testing 6.0

This summary is a pressure test completion status for the first period of the fourth tenyear interval. Table 6-1 shows the 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				
Examination Category	Test Requirement	Total Examinations Credited For This Outage		
B-P	System Leakage Test (IWB-5220)	1		
C-H	System Leakage Test (IWC-5220)	8		

Table 6-2 shows a completion status of pressure tests conducted during the first period

of the fourth ten-year interval

Table 6-2					
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%	
. C-H	System Leakage Test (IWC-5220)	51	51	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	
OZ3L-1A	O-ISIL4-100A-3.1	Complete	12/15/07	None	
	O-ISIL4-100A-3.2	Complete	12/15/07	None	
	O-ISIL4-100A-3.3	Complete	12/15/07	None	
	O-ISIL4-101A-3.1	Complete	12/15/07	None	
	O-ISIL4-101A-3.4	Complete	12/15/07	None	
	O-ISIL4-102A-3.1	Complete	12/15/07	None	
	O-ISIL4-102A-3.3	Complete	12/15/07	None	
	O-ISIL4-110A-3.1	Complete	12/15/07	None	
	O-ISIL4-110A-3.4	Complete	12/15/07	None	

The Class 2 (Category C-H) leakage tests are required each period. Table 6-4 shows the completion data of the Class 2 (Category C-H) leakage tests conducted during refueling cycle EOC23.

Table 6-4 Detailed Class 2 Listing					
	Zone Number	Boundary Dwg	Period Completion Status	VT-2 Examination Date	Code Case(s) Used
1	IZ3L-10	O-ISIL4-101A-3.3	Complete	04/29/06	None
2	IZ3L-11	O-ISIL4-101A-3.3	Complete	04/29/06	None
3	IZ3L-12	O-ISIL4-101A-3.4	Complete	07/12/06	None
		O-ISIL4-101A-3.3 (	Complete	07/12/06	None
4	IZ3L-13	O-ISIL4-101A-3.3	Complete	04/10/06	None
5	IZ3L-14A	O-ISIL4-101A-3.3	Complete	05/21/06	None
6	IZ3L-20	O-ISIL4-101A-3.3	Complete	04/19/06	None
7	IZ3L-22	O-ISIL4-101A-3.3	Complete	08/08/06	None
		O-ISIL4-102A-3.1	Complete	08/08/06	None
		O-ISIL4-102A-3.2	Complete	08/08/06	None
		O-ISIL4-104A-3.1	Complete	08/08/06	None
		O-ISIL4-106A-3.2	Complete	08/08/06	None
8.	IZ3L-24	O-ISIL4-102A-3.1	Complete	03/29/06	None
		O-ISIL4-103A-3.1	Complete	03/29/06	None
9	IZ3L-25	O-ISIL4-102A-3.1	Complete	03/31/06	None
		O-ISIL4-103A-3.1	Complete	03/31/06	None
10	IZ3L-27	O-ISIL4-102A-3.2	Complete	03/27/06	None
11	IZ3L-4	O-ISIL4-101A-3.1	Complete	04/03/06	None
12	IZ3L-40	O-ISIL4-109A-3.1	Complete	10/19/05	None
13	IZ3L-41	O-ISIL4-109A-3.1	Complete	03/08/06	None

	Zone Number	Boundary Dwg	Period Completion Status	VT-2 Examination Date	Code Case(s) Used
14	IZ3L-48	O-ISIL4-122A-3.4	Complete	02/27/06	None
	:	O-ISIL4-122A-3.1	Complete	02/27/06	None
		O-ISIL4-122A-3.2	Complete	02/27/06	None
		O-ISIL4-122A-3.3	Complete	02/27/06	None
		O-ISIL4-122B-3.1	Complete	02/27/06	None
15	IZ3L-5	O-ISIL4-101A-3.1	Complete	08/23/06	None
		O-ISIL4-101A-3.3	Complete	08/23/06	None
16	IZ3L-60	O-ISIL4-124B-3.2	Complete	03/07/06	None
		O-ISIL4-124B-3.4	Complete	03/07/06	None
17	OZ3L-14B	O-ISIL4-101A-3.3	Complete	05/21/06	None
,		O-ISIL4-101A-3.4	Complete	05/21/06	None
18	OZ3L-15	O-ISIL4-101A-3.4	Complete	05/30/06	None
19	OZ3L-16	O-ISIL4-101A-3.4	Complete	05/29/06	None
20	OZ3L-17	O-ISIL4-101A-3.2	Complete	05/28/06	None
21	OZ3L-17B	O-ISIL4-101A-3.2	Complete	05/19/06	None
22	OZ3L-18	O-ISIL4-101A-3.2	Complete	05/27/06	None
23	OZ3L-19A	O-ISIL4-101A-3.5	Complete	05/21/06	None
	0202 107	O-ISIL4-104A-3.1	Complete	05/21/06	None
24	OZ3L-19B	O-ISIL4-101A-3.5	Complete	05/21/06	None
25	OZ3L-1A	O-ISIL4-101A-3.1	Complete	05/30/06	None
	0202 170	O-ISIL4-101A-3.5	Complete	05/30/06	None
26	OZ3L-2	O-ISIL4-101A-3.1	Complete	05/30/06	None
	02022	O-ISIL4-101A-3.4	Complete	05/30/06	None
	•	O-ISIL4-101A-3.5	Complete	05/30/06	None
27	OZ3L-21	O-ISIL4-102A-3.1	Complete	05/27/06	None
28	OZ3L-23	O-ISIL4-101A-3.2	Complete	05/27/06	None
	0101120	O-ISIL4-102A-3.1	Complete	05/27/06	None
		O-ISIL4-102A-3.2	Complete	05/27/06	None
		O-ISIL4-104A-3.2	Complete	05/27/06	None
29	OZ3L-26	O-ISIL4-102A-3.2	Complete	12/13/07	None
30	OZ3L-28	O-ISIL4-102A-3.2	Complete	05/27/06	None
31	OZ3L-29	O-ISIL4-102A-3.2	Complete	05/27/06	None
32	OZ3L-29A	O-ISIL4-102A-3.2	Complete	05/27/06	None
	0201 201	O-ISIL4-102A-3.3	Complete	05/27/06	None
33	OZ3L-3	O-ISIL4-101A-3.1	Complete	05/30/06	None
34	OZ3L-30	O-ISIL4-102A-3.2	Complete	05/27/06	None
35	OZ3L-30A	O-ISIL4-102A-3.2	Complete	05/27/06	None
	2202 00/1	O-ISIL4-102A-3.3	Complete	05/27/06	None
36	OZ3L-31A	O-ISIL4-102A-3.3	Complete	04/29/06	None
37	OZ3L-31B	O-ISIL4-102A-3.3	Complete	04/29/06	None
38	OZ3L-31C	O-ISIL4-102A-3.3	Complete	04/29/06	None
39	OZ3L-39	O-ISIL4-104A-3.1	Complete	11/04/07	None
40	OZ3L-42A	O-ISIL4-110A-3.1	Complete	05/30/06	None

	Zone	_	Period Completion	VT-2 Examination	Code Case(s)
	Number	Boundary Dwg	Status	Date	Used
41	OZ3L-42B	O-ISIL4-110A-3.1	Complete	05/30/06	None
42	OZ3L-44	O-ISIL4-121B-3.3	Complete	12/15/07	None
		O-ISIL4-121B-3.5	Complete	05/27/06	None
		O-ISIL4-121D-3.1	Complete	05/27/06	None
		O-ISIL4-121D-1.2	Complete	12/15/07	None
		O-ISIL4-110A-3.1	Complete	12/15/07	None
		O-ISIL4-122A-3.1	Complete	12/15/07	None
43	OZ3L-6	O-ISIL4-101A-3.2	Complete	05/27/06	None
		O-ISIL4-101A-3.1	Complete	05/27/06	None
		O-ISIL4-109A-3.1	Complete	05/27/06	None
44	OZ3L-64	O-ISIL4-124B-3.2	Complete	05/30/06	None
45	OZ3L-65	O-ISIL4-124B-3.4	Complete	12/15/07	None
46	OZ3L-6B	O-ISIL4-101A-3.2	Complete	12/06/07	None
47	OZ3L-7	O-ISIL4-101A-3.2	Complete	05/19/06	None
		O-ISIL4-101A-3.3	Complete	05/19/06	None
48	OZ3L-7B	O-ISIL4-101A-3.3	Complete	05/19/06	None
		O-ISIL4-102A-3.2	Complete	05/19/06	None
49	OZ3L-9	O-ISIL4-101A-3.3	Complete	05/27/06	None
		O-ISIL4-102A-3.2	Complete	05/27/06	None
50	OZ3L-90	O-ISIL4-116C-3.1	Complete	05/16/06	None
51	OZ3L-91	O-ISÌL4-116C-3.1	Complete	05/16/06	None

Section 6 Prepared By:	Date:
Jin Boughman	2/18/08

Section 6 Reviewed By:	Date:
Caul W. Waltman	2/19/08