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March 14, 2007

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

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

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

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

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

Attachment

AD47

Owner's Report For INSERVICE INSPECTIONS

OCONEE UNIT 1 2006 REFUELING OUTAGE EOC23 (OUTAGE 2)

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

NRC Docket No. 50-269

Commercial Service Date: July 15, 1973

Document Completion Date 2-23-07

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

Revision 0

Prepared By:

Reviewed By:

Approved By:

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

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

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

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

DISTRIBUTION LIST

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

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Revision</u>
1.0	General Information	0
2.0	Third Ten Year 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

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TAB 1

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1.0 General Information

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

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

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

1.1 Identification Numbers

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

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

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

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1.2 Personnel, Equipment and Material Certifications

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

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

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

1.3 <u>Reference Documents</u>

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

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

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

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

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

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

EOC 23 Refueling Outage Report Oconee Unit 1 Section 1

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

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

1.4 Augmented and Elective Examinations

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

1.5 Responsible Inspection Agency

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

Authorized Nuclear Inservice Inspector(s)

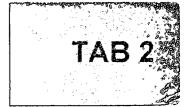
Name: Gary Brouette, Nancy Slaughter, and Tom Wyatt

Employer: The HSB Global Standards

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

EOC 23.Refueling Outage Report Oconee Unit 1 Section 1

Page 4 of 4 Revision 0 February 14, 2007



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2.0 Fourth Ten Year Interval Inspection Status

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

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

Class 1 Inspections

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

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

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

Class 1 Inspections (Continued)

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

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

EOC 23 Refueling Outage Report Oconee Unit 1 Section 2

Page 2 of 4 Revision 0 February 14, 2007

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Class 2 Inspections

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

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

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

EOC 23 Refueling Outage Report Oconee Unit 1 Section 2

Page 3 of 4 Revision 0 February 14, 2007

Augmented/Elective Inspections

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

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

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

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TAB 3

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3.0 Final Inservice Inspection Plan

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

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

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

EOC 23 Refueling Outage Report Oconee Unit 1 Section 3

Page 1 of 1 Revision 0 February 14, 2007

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

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EOC 23

CATEGORY B-D, Full Penetration Welded

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

Total B03.110 Items: 5



DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Nozzels In Vessels - Inspection Program B Pressurizer

CATEGORY B-D, Full Penetration Welded

Inservice Inspection Database Management System Oconee 1

Plan Report Page 3 02/14/2007

Inservice Inspection Plan for Interval 4 Outage 2

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

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

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

EOC	23	

ITEM NUMBER

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

Nozzels In Vessels - Inspection Program B Oconee 1

Plan Report Page 4 02/14/2007

Heat Exchangers (Primary Side)

CATEGORY B-D, Full Penetration Welded

2

Inservice Inspection Plan for Interval 4 Outage 2

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

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

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

Total B03.150 Items:

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EOC	23	-

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Nozzels In Vessels - Inspection Program B

Inservice Inspection Database Management System Oconee 1

Plan Report Page 5 02/14/2007

Section 9 for Request for Relief.

Heat Exchangers (Primary Side)

CATEGORY B-D, Full Penetration Welded

Inservice Inspection Plan for Interval 4 Outage 2

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

Class A

Channel Body

Total B03.160 Items: 2 14

Total B03 Items:

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

,

		1
EOC	23	1

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

in. And Less In Diameter

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

Total B07.020 Items:

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

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

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

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

Elbow

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DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

Pipe

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DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

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

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

Total B09.021 Items: 12

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

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

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Total B09 Items: 52

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

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

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

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

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

Shell to

Flange

OM 201-128

Total C01.010 Items:

1

Class B

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

Total C01.020 Items: 4

5

Total C01 Items:

ITEM NUMBER

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

Welds In Vessels

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

2

CATEGORY C-B, Pressure Retaining Nozzle

Oconee 1 Inservice Inspection Plan for Interval 4 Outage 2

INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS

Plan Report Page 24 02/14/2007

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

SYS ISO/DWG NUMBERS

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

PROC

Total C02.021 Items: 2

Total C02 Items:

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

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Total C03.010 Items:

3

1

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

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Total C03 Items:

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

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Total C04.030 Items:

1

Total C04 Items:

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

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

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

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

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

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

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

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

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

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

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

Total C05.021 Items: 24

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DUKE ENERGY CORPORATION

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

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

CATEGORY C-F-2, Pressure Retaining Welds In

DUKE ENERGY CORPORATION

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

Total C05.051 Items: 14

Total C05 Items: 86

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

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

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

EOC	23	۲

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

Total F01.012 Items: 3

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

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

CATEGORY F-A, Supports

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

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

Total F01.022 Items:

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

DUKE ENERGY CORPORATION **INSERVICE INSPECTION PLAN MANAGEMENT**

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

Total F01.032 Items:

(_____ EOC 23

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

Class C

C EOC 23

CATEGORY F-A, Supports

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

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

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

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Oconee 1

Plan Report Page 52 02/14/2007

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

Total G01.001 Items: 5 5

Total G01 Items:



CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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Inservice Inspection Database Management System

Plan Report Page 53

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

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Plan Report

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



CATEGORY AUG, Augmented Inspections

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

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

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

CATEGORY AUG, Augmented Inspections

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

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

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

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

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

Oconee 1

Inservice Inspection Plan for Interval 4 Outage 2

ITEM NUMBER

ID NUMBER SYS ISO/DWG NUMBERS

PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS

Plan Report Page 59 02/14/2007

COMMENTS

General Requirements.

meets the requirements for the G04 inspection.

Reference Section 7 of the ISI Plan, General

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

Valve 1HP-127

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

INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Oconee 1

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

ITEM NUMBER	ID NUMBER

SYS ISO/DWG NUMBERS

Requirements.

COMMENTS

Plan Report

Page 60 02/14/2007

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

Total G04 Items: 12



CATEGORY AUG, Augmented Inspections

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

Oconee 1

Plan Report Page 61

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

Total G12.001 Items: 4

4

Total G12 Items:

CATEGORY AUG, Augmented Inspections

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

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

CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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

CATEGORY AUG, Augmented Inspections

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

			Inserv	vice Inspect	ion Database Manageme	nt System	Plan Report
					Oconee 1		Page 64
			ins	ervice Insp	bection Plan for Interva	al 4 Outage 2	02/14/2007
ITEM NUMBI	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH D	A/THK CAL BLOCKS	COMMENTS
G13.001.009 Class A	1-PHA-17 Circumferential Dissimilar	50	ISI-OCN1-005 O-ISIN4-100A-1.1	NDE-68	VT-2 SS-Inconel Nozzle to Buttering	10.750 1.000	Steam Generator 1A Hot Leg Surge Nozzle Pc. 25 to Inconel Buttering. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.010.
G13.001.010 Class A	1-PSL-10 Circumferential Stress weld Dissimilar	50	ISI-OCN1-015 O-ISIN4-100A-1.1 OM-201-594	NDE-68	VT-2 SS-CS 140 Nozzle to Pipe	10.750 1.000	Pressurizer Surge Piping. Surge Nozzle Pc. 25 to Pipe 10" NPS Pc. 85. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G13.001.011 Class A	1-PZR-WP63-1 Circumferential Dissimilar	50	ISI-OCN1-002	NDE-68	VT-2 CS-Inconel Nozzle to Safe End	1.000 1.187	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. W-X Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.012.
G13.001.012 Class A	1-50-6-7 Circumferential Dissimilar	50	1-50-6	NDE-68	VT-2 SS-Inconel Pipe to Safe End	1.000 1.187	Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water

CATEGORY AUG, Augmented Inspections

ID NUMBER

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

Oconee 1

Inservice Inspection Plan for Interval 4 Outage 2

ITEM NUMBER

SYS ISO/DWG NUMBERS

PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS

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

Plan Report Page 65 02/14/2007

COMMENTS

leakage."

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CATEGORY AUG, Augmented Inspections

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

Oconee 1

Plan Report Page 66 02/14/2007

			Ins	ervice Insp	Page 66 02/14/2007		
	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH D	•	COMMENTS
G13.001.016 Class A	1-50-6-9A Circumferential Dissimilar	50	1-50-6	NDE-68	VT-2 SS-Inconel Pipe to Safe End	1.000 1.187	Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G13.001.017 Class A	1-PZR-WP63-4 Circumferential Dissimilar	50	ISI-OCN1-002	NDE-68	VT-2 CS-Inconel Nozzle to Safe End	1.000 1.187	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. W-X Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.018.
G13.001.018 Class A	1-50-6-1A Circumferential Dissimilar	50	1-50-6	NDE-68	VT-2 SS-Inconel Pipe to Safe End	1.000 1.187	Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G13.001.019 Class A	1-PZR-WP63-5 Circumferential Dissimilar	50	ISI-OCN1-002	NDE-68	VT-2 CS-Inconel Nozzle to Safe End	1.000 1.187	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Y-Z Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G13.001.020.

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

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

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

Oconee 1

Inservice Inspection Plan for Interval 4 Outage 2

Plan Report Page 69 02/14/2007

ITEM NUMBER

SYS ISO/DWG NUMBERS

ID NUMBER

PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS

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

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

Inservice Inspection Plan for Interval 4 Outage 2

Plan Report 02/14/2007

Page 70

ITEM NUMBER

SYS ISO/DWG NUMBERS

ID NUMBER

PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS

COMMENTS

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

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

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

borated water leakage."



CATEGORY AUG, Augmented Inspections

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

		Plan Report						
					Page 72 02/14/2007			
							I 4 Outage 2	
ITEM NUMBI		SYS	ISO/DWG NUMBERS	PROC			IA/THK CAL BLOCKS	COMMENTS
G13.002.003	1-PIB1-11		ISI-OCN1-009	NDE-68	VT-2	CS-Inconel	3.500	Reactor Coolant Pump 1B1 Suction Piping. Drain
	Circumferential	50	O-ISIN4-100A-1.1		Norrio to		0.672	Nozzle Pc. 87 to Safe End Pc. 88. Augmented Inspection Per MRP-139. Contact Jody
Class A	Stress weld		OM-201-595		Nozzle to Safe End)		Shuping for additional information on this
	Dissimilar				Sale Linu			examination.
						x		Bare Metal Visual Examinations are to be performed
								once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of
								borated water leakage."
								Solutou mator loulago.
G13.002.004	1-51A-07-7E		1-51A-07(1)	NDE-68		SS-Inconel	2.500	Reactor Coolant Pump 1B1
G13.002.004	Circumferential	510	O-ISIN4-100A-1.1	NDE-00	V 1-2	33-Inconer	0.375	Suction Piping. Safe End Pc. 88 to Elbow.
Class A	Stress weld	JIA	ISI-OCN1-009		Safe End	to	0.070	Augmented Inspection Per MRP-139. Contact Jody
Old33 A	Dissimilar				Elbow			Shuping for additional information on this
	Biobinniq							examination.
								Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified
								inspector. Acceptance criteria is "no evidence of
					,			borated water leakage."
G13.002.005	1-PIA1-7	-	ISI-OCN1-007	NDE-68	VT-2	SS-CS	33.500	Reactor Coolant Pump 1A1 Suction Piping.
	Circumferential	50	O-ISIN4-100A-1.1				2.330	Transition Pc. 210 to Salvaged Pipe Pc. 215.
Class A	Stress weld		OM-201-1845		Transition	Piece to		Augmented Inspection Per MRP-139. Contact Jody
	Dissimilar				Pipe			Shuping for additional information on this
								examination. Bare Metal Visual Examinations are to be performed
								once every third refueling outage by a VT-2 qualified
								inspector. Acceptance criteria is "no evidence of
								borated water leakage."
G13.002.006	1-PIA2-7		ISI-OCN1-008	NDE-68	VT-2	SS-CS	33.500	Reactor Coolant Pump 1A2 Suction Piping.
	Circumferential	50	O-ISIN4-100A-1.1				2.330	Transition Pc. 210 to Salvaged Pipe Pc. 215.
Class A	Stress weld		OM-201-1845		Transition	Piece to		Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this
	Dissimilar				Pipe			examination.
								Bare Metal Visual Examinations are to be performed
								once every third refueling outage by a VT-2 qualified
								inspector. Acceptance criteria is "no evidence of
								borated water leakage."



CATEGORY AUG, Augmented Inspections

ID NUMBER

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

ć.

Oconee 1

Plan Report Page 73 02/14/2007

Inservice Inspection Plan for Interval 4 Outage 2

SYS ISO/DWG NUMBERS

PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS

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

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

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CATEGORY AUG, Augmented Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

-			Inserv	vice Inspect	ion Database Managemer	nt System	Plan Report
					Oconee 1		Page 75
			Ins	ervice Insp	pection Plan for Interval	l 4 Outage 2	02/14/2007
	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH D	IA/THK CAL BLOCKS	COMMENTS
G13.002.018 Class A	1-50-4-111 Circumferential Dissimilar	50	1-50-4(3)	NDE-68	VT-2 SS-Inconel Pipe to Safe End	1.000 0.250	 1 inch LCL SB-166 Pressure Tap SE to CS Nozzle and SS pipe weld. (Examine the nozzle to Safe-End Weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G13.002.019 Class A	1-PIA1-11 Circumferential Stress weld Dissimilar	50	ISI-OCN1-007 O-ISIN4-100A-1.1 OM-201-1870	NDE-68	VT-2 CS-Inconel Nozzle to Safe End	3.500 0.816	Reactor Coolant Pump 1A1 Suction Piping. Drain Nozzle Pc. 64 to Safe End Pc. 65. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G13.002.020 Class A	1-50-01-34 Circumferential Stress weld Dissimilar	50	1-50-01(1) O-ISIN4-100A-1.1 ISI-OCN1-007	NDE-68	VT-2 SS-Inconel Safe End to Elbow	1.500 0.281	Reactor Coolant Pump 1A1 Suction Piping. Safe End Pc. 65 to Elbow. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector.Acceptance criteria is "no evidence of borated water leakage."
G13.002.021 Class A	1-PIA2-11 Circumferential Stress weld Dissimilar	50	ISI-OCN1-008 O-ISIN4-100A-1.1 OM-201-1870	NDE-68	VT-2 CS-Inconel Nozzle to Safe End	3.500 0.816	Reactor Coolant Pump 1A2 Suction Piping. Drain Nozzle Pc. 64 to Safe End Pc. 65. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed

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

CATEGORY AUG, Augmented Inspections

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

Plan Report

		I 4 Outage 2	Page 77 02/14/2007					
ITEM NUMB	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REC	MAT/SCH D	IA/THK CAL BLOCKS	COMMENTS
G13.002.025 Class A	1-50-4-173 Circumferential Dissimilar	50	1-50-4(3)	NDE-68	VT-2 Pipe to Safe Enc	SS-Inconel	1.000 0.250	1 inch UCL SB-166 Pressure Tap SE to CS Nozzle and SS pipe weld. (Examine the Nozzle to Safe-End weld and the Safe-End to Pipe weld.) Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G13.002.026 Class A	1RC-261-266 Circumferential Stress weld Dissimilar	50	1RC-261 O-ISIN4-100A-1.1 ISI-OCN1-007	NDE-68	VT-2 Safe Enc Elbow	SS-Inconel	1.500 0.281	Reactor Coolant Pump 1B2 Suction Piping. Safe End Pc. 65 to Elbow. Augmented Inspection Per MRP-139. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed once every third refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."

Total G13.002 Items: 22 55

Total G13 Items:



CATEGORY AUG, Augmented Inspections

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

Plan Report

			line		Oconee 1		Page 78 02/14/2007
		·		-	pection Plan for Interva	-	
ITEM NUMB	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH D	IA/THK CAL BLOCKS	COMMENTS
G14.001.001 Class A	1-PZR-THERM Circumferential Dissimilar	50	OM 100-1189	NDE-68	VT-2 CS-Inconel Nozzle to Safe End	1.500 0.000	 1.5 inch Thermowell located on the Pressurizer. Augmented Inspection Per Oconee Response to BL-2004-01. Contact Jody Shuping and Dave Peltola for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G14.001.002 Class A	1-PZR-HTR PLATES Circumferential Dissimilar	50	OM 201-288	NDE-68	VT-2 CS-Inconel Nozzle to Safe End	0.000 0.000	Heater Diaphragm Plates located on the Pressurizer. Augmented Inspection Per Oconee Response to BL-2004-01. Contact Jody Shuping and Dave Peltola for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G14.001.003 Class A	1-PZR-HTR SLEEVES Circumferential Dissimilar	50	OM 201-288 OM 201-152	NDE-68	VT-2 CS-Inconel Nozzie to Safe End	0.000 0.000	Heater sleeves to diaphragm weld and heater sleeves to sheath weld located on the Pressurizer. Augmented Inspection Per Oconee Response to BL-2004-01. Contact Jody Shuping and Dave Peltola for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G14.001.004 Class A	1-PZR-WP45 Circumferential Term end Dissimilar	50	ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026	NDE-68	VT-2 SS-CS Nozzle to Safe End	4.000 0.438	Pressurizer Spray Nozzle Pc. 9 to Spray Nozzle Safe End Pc. 45. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional

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

Bare Metal Visual Examinations are to be performed

EOC 23	С		DUKE		RPORATION			
	RY AUG, Augmente			INSERVICE IN nservice Inspect Inservice Insp Inservice Insp Inservice Insp	tion Database Oconee 1 pection Plan	e Manageme for Interva	nt System	each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water
								leakage." Examine with item number G14.001.005
G14.001.005 Class A	1-PSP-1 Circumferential Term end Dissimilar	50	ISI-OCN1-016 O-ISIN4-100A-1.1 1-50-03(1)	NDE-68	VT-2 Nozzle to Pipe	SS-Inconel 120	4.000 0.438	Pressurizer Spray Piping. Spray Nozzle Pc. 45 to Pipe 4" NPS Pc. 90. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G14.001.006 Class A	1-PZR-WP23 Circumferential Term end Dissimilar	50	ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-287	NDE-68	VT-2 Nozzle to Safe End	SS-CS	11.375 1.930	Pressurizer Surge Nozzle Pc. 8 to Surge Nozzle Safe End Pc. 37. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G14.001.007 Class A	1-PZR-WP91-1 Circumferential Term end Dissimilar	50	ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026	NDE-68	VT-2 Nozzle to Safe End	SS-CS	2.500 0.000	Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Safe End Pc. 32. W-X Quadrant. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G14.001.008 Class A	1-PZR-WP91-2 Circumferential Term end Dissimilar	50	ISI-OCN1-002 O-ISIN4-100A-1.2 OM-201-1026	NDE-68	VT-2 Nozzle to Safe End	SS-CS	2.500 0.000	Pressurizer Relief Nozzle Pc. 31 to Relief Nozzle Safe End Pc. 32. X-Y Quadrant. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional

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

INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

Plan Report Dage 80

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

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

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

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CATEGORY AUG, Augmented Inspections

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

		Plan Report						
		Page 83						
			Ins	ervice Insp	ection Plar	n for Interva	l 4 Outage 2	02/14/2007
	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC			A/THK CAL BLOCKS	COMMENTS
G14.001.020 Class A	1-PZR-WP63-6 Circumferential Dissimilar	50	ISI-OCN1-002	NDE-68	VT-2 Nozzle to Safe End	CS-Inconel	1.000 1.187	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Z-W Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G14.001.021.
G14.001.021 Class A	1-50-6-3A Circumferential Dissimilar	50	1-50-6	NDE-68	VT-2 Pipe to Safe End	SS-Inconel	1.000 1.187	Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage."
G14.001.022 Class Ą	1-PZR-WP63-7 Circumferential Dissimilar	50	ISI-OCN1-002	NDE-68	VT-2 Nozzle to Safe End	CS-Inconel	1.000 1.187	The surface of the Pressurizer Sensing and Sampling Nozzle-to-Safe End Welds shall be examined. Z-W Quadrant. Reference Section 7 of the ISI Plan, General Requirements. Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water leakage." Inspect with Item G14.001.023.
G14.001.023 Class A	1-50-6-16 Circumferential Dissimilar	50	1-50-6	NDE-68	VT-2 Pipe to Safe End	SS-Inconel	1.000 1.187	Augmented Inspection Per Oconee response to BL-2004-01. Contact Jody Shuping for additional information on this examination. Bare Metal Visual Examinations are to be performed each refueling outage by a VT-2 qualified inspector. Acceptance criteria is "no evidence of borated water



CATEGORY AUG, Augmented Inspections

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

Oconee 1 Inservice Inspection Plan for Interval 4 Outage 2

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

leakage."

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

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

Plan Report Page 84 02/14/2007

CATEGORY ELC, Elective Inspections

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

service	Inspection	Database	Management	System
		Oconee 1		

Plan Report Page 85 02/14/2007

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

CATEGORY ELC, Elective Inspections

EOC 23

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

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

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

Total H03.001 Items:	4				
Total H03 Items:	4				

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EOC 23 **CATEGORY ELC, Elective Inspections**

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Plan Report Page 88

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

Class C

CATEGORY ELC, Elective Inspections

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Plan Report Page 89 02/14/2007

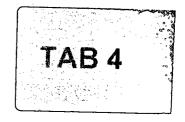
			Inser	Pla						
			Inservice Inspection Plan for Interval 4 Outage 2							
	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS		
H04.001.007	1-03-0-551-H50		1-03-01/sht.1	NDE-66	VT-3	NA	24.000	Calculation No. OSC-336, page 45a.1		
	Spring Hgr	03	O-ISIN4-121B-1.3				0.187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

Total H04.001 Items:	11			
Total H04 Items:	11			

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

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

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

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

EOC 23 Refueling Outage Report Oconee Unit 1 Section 4

1

Page 1 of 3 Revision 0 February 14, 2007

4.1 <u>Reportable Indications</u>

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

4.2 Corrective Action

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

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

4.3 <u>Corrective Measures</u>

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

4.4 Limited Examinations

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

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

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

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

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

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

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

EOC 23 Plant: Oconee 1

Run D
Page 1
02/14/2007

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

EOC 23

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

Oconee 1 Inservice Inspection Listing

Run D Page 2 02/14/2007

Plant: Oconee 1

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

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

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

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C05.021.005A

1HP-192-8

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In-Service Inspection Database Management System

Oconee 1 Inservice Inspection Listing

Plant: Oconee 1

EOC 23

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> Run D Page 5 02/14/2007

Plant: Oconee	1			Int	erval 4 Outag	e 2		02/14/200
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
C05.021.019	1-51A-124-12	51A	11/16/2006	CLR		N	N	
C05.021.019A	1-51A-124-12	51A	11/16/2006	CLR		Ν	Ν	
C05.021.025	1HP-178-15	51A	08/01/2006	CLR		Ν	Ν	
C05.021.025A	1HP-178-15	51A	07/31/2006	CLR		Ν	Ν	
C05.021.031	1HP-200-20	51A	11/05/2006	CLR		Ν	Ν	
C05.021.031A	1HP-200-20	51A	07/31/2006	CLR		Ν	Ν	
C05.021.039	1-51A-01-13A	51A	11/15/2006	CLR		Ν	Ν	
C05.021.039A	1-51A-01-13A	51A	11/15/2006	CLR		Ν	Ν	
C05.021.046	1-51A-01-98A	51A	08/03/2006	CLR		Ν	Ν	
C05.021.046A	1-51A-01-98A	51A	08/03/2006	CLR		Ν	Ν	
C05.021.052	1-51A-02-17B	51A	10/23/2006	CLR		Ν	Ν	
C05.021.052A	1-51A-02-17B	51A	10/22/2006	CLR		Ν	Ν	
C05.021.075	1-51A-01-93A	51A	08/03/2006	CLR		Ν	Ν	·
C05.021.075A	1-51A-01-93A	51A	08/03/2006	CLR		Ν	Ν	
C05.021.091	1-51A-02-51B	51A	10/24/2006	CLR		N	N	
C05.021.091A	1-51A-02-51B	51A	10/22/2006	CLR		Ν	Ν	
C05.021.097	1HP-179-118	51A	11/06/2006	CLR		Ν	Ν	
C05.021.097A	1HP-179-118	51A	11/06/2006	CLR		Ν	Ν	
C05.021.103	1-RCP-FTR1A-SH-1	51A	10/24/2006	CLŖ		Ν	Ν	
C05.021.104	1-RCP-FTR1A-SH-2	51A	10/24/2006	CLR		Ν	Ν	
C05.021.107	1-51A-01-100A	51A	08/03/2006	CLR		N	Ν	
C05.021.107A	1-51A-01-100A	51A	08/03/2006	CLR		Ν	Ν	
C05.030.008	1HP-472-1	51B	08/07/2006	CLR		Ν	Ν	
C05.030.009	1HP-472-2	51B	08/07/2006	CLR		Ν	Ν	
C05.051.001	1MS-070-1B	01A	11/10/2006	CLR		Y	Ν	Indications # 1 & # 2 were determined to be geometric reflectors
								due to the backing ring.
C05.051.001A	1MS-070-1B	01A	11/10/2006	CLR		Ν	Ν	×
C05.051.013	1MS-069-35V	01A	10/19/2006	CLR		Ν	Ν	
C05.051.013A	1MS-069-35V	01A	10/17/2006	CLR		Ν	Ν	
C05.051.018	1MS-064-16	01A	11/01/2006	CLR	·	Ν	Ν	
C05.051.018A	1MS-064-16	01A	10/29/2006	CLR		Ν	Ν	
C05.051.028	1-FWD83-A	03	11/03/2006	CLR		Ν	Ν	
C05.051.028A	1-FWD83-A	03	11/03/2006	CLR		Ν	Ν	
C05.051.035	1FDW-250-30B	03	10/31/2006	CLR		Ν	Ν	
C05.051.035A	1FDW-250-30B	03	10/31/2006	CLR		N	Ν	
C05.051.042	1LPSW-345-21	14B	08/02/2006	CLR		N	Ν	
C05.051.042A	1LPSW-345-21	14B	08/01/2006	CLR		Ν	Ν	
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4 J.	North Contraction			DUKE EN QUALITY ASSUF Service Inspectio	RANCE TECH			n Run I	2
nee	1		11-5	Oconee 1 In				Page	
					erval 4 Outag	•		02/14/200	7.
ER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITE		RFR	COMMENTS	
	1-LPSW-346-17	14B	08/02/2006	CLR		N	N		
Ą	1-LPSW-346-17	14B	07/31/2006	CLR		N	Ν		
	1-DHRC-A	53B	10/29/2006	CLR		N	ĨN	ι,	
	1-JWHX-A		06/21/2006	CLR		N	Ν		
	1-LO-COOLER-A		06/21/2006	CLR		Ν	Ν		
	1-LPSW-STR-A	14B	06/14/2006	CLR		Ν	Ν		
	1-MCD-C	13	09/26/2006	CLR	·	N	Ν		
	1-UST-D0ME	07A	09/26/2006	CLR		N	Ν		
	1-UST-A	07A	06/14/2006	CLR		N	Ν		
	1-01A-4-2-0-400A-R11	01A	06/07/2006	CLR	·	N	Ν		
	1-03A-1-0-400B-SR86	03A	06/07/2006	CLR		N	Ν		
	1-03A-1-0-439A-H72	03A	11/09/2006	CLR		N	Ν		
	1-07A-400B-SR17	07A	06/08/2006	CLR		N	Ν		
	1-13-0-345A-PS1-A	13	11/07/2006	REC		Ν	Ν	The discrepancies that were found were reviewed by civil	
								engineering and the support was found to be acceptable for service. Work Request # 910733 was written to correct problems	i.
	1-CCWP-A	13	11/07/2006	REC		Ν	Ν	The discrepancies that were found were reviewed by civil	
								engineering and the support was found to be acceptable for	
								service.	
	1-51A-0-479A-H9B	51A	10/26/2006	REC		N	Ν	The discrepancies that were found were reviewed by civil	
								engineering and the support was found to be acceptable for	
								service.	
	1-50-0-480A-H11	50	10/26/2006	CLR		N	Ν		
	1-50-0-481A-H6	50	11/27/2006	CLR		N	Ν		
	1-53A-0-479A-H8B	53A	10/26/2006	REC		N	Ν	The discrepancies that were found were reviewed by civil	
								engineering and the support was found to be acceptable for	
								service.	
	1-51-0-436H-H57	51	10/29/2006	REC		Ν	Ν	The discrepancies that were found were reviewed by civil	
								engineering and the support was found to be acceptable for	
								service.	
	1-51A-0-435C-H138	51A	06/29/2006	CLR		N	N		
	1-51A-0-478A-H18C	51A	10/26/2006	REC		N	Ν	The discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.	
	1-51A-0-439C-H81	51A	07/06/2006	CLR		N	Ν	· ·	
	1-51B-436H-DE010	51B	10/29/2006	CLR		Ν	Ν		

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Plant: Ocone ITEM NUMBER

EOC 23

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

D01.030.010

F01.010.006

F01.012.001 F01.012.003 F01.012.010

F01.020.044

F01.020.062 F01.020.068

F01.020.069 F01.020.073

F01.020.081

1-53-438C-TWE-2879

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Ν The discrepancies that were found were reviewed by civil (

DUKE ENERG ORPORATION QUALITY ASSURANCE TECHNICAL SERVICES

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

EOC 23 Plant: Oconee 1

Run D Page 7 2/14/2007

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

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EOC 23

F01.040.033

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

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

Run D Page 8 70

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

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### DUKE ENERG DRPORATION QUALITY ASSURANCE TECHNICAL SERVICES

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

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Run D Page 9 02/14/2007

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#### EOC 23 Plant: Oconee 1

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

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

### Oconee 1 Inservice Inspection Listing

Run D Page 10 02/14/2007

#### Plant: Oconee 1

EOC 23

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

EOC 23

#### DUKE ENERG ORPORATION QUALITY ASSURANCE TECHNICAL SERVICES

### In-Service Inspection Database Management System

Oconee 1 Inservice Inspection Listing

#### Plant: Oconee 1

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#### Run D Page 11 02/14/2007

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

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### QUALITY ASSURANCE TECHNICAL SERVICES

#### EOC Plant:

G14.001.014

G14.001.015

G14.001.016

G14.001.017

G14.001.018

G14.001.019

1-PZR-WP63-3

1-PZR-WP63-4

1-PZR-WP63-5

1-50-6-9A

1-50-6-1A

1-50-6-5A

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> Run D Page 12 02/14/2007

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

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

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TAB 5

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

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

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

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

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

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

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

#### 5.1 Class 1 and 2 Preservice Examinations

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

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

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

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

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

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

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

all Inspector's Signature

Date 11-30-06

Commissions NC1444NIABC

National Board, State, Province, and Endorsements

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

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

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

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

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

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

4/1 Inspector's Signature

1-16-07

Commissions NC1444NIABL

National Board, State, Province, and Endorsements

Date

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

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|                                                                                                                                                      | Work Order Number                | Sheet             |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------|
|                                                                                                                                                      | 1659471-38                       | 2 of 2            |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                   |                                  |                   |
| • 1/2 inch pipe to tube adaptor, compression fitting; ASME SA479 Grade 3 (NOTE this part is not part of the ASME Section XI boundary, this is in the |                                  | PN # SS-810-1-8W. |
| (NOTE this part is not part of the Asive Section At boundary, this is in the                                                                         | instantent portion of the mic.   |                   |
| 0                                                                                                                                                    |                                  |                   |
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| <b>6</b>                                                                                                                                             |                                  |                   |
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| ©                                                                                                                                                    |                                  |                   |
| ·                                                                                                                                                    |                                  |                   |
| CERTIFICATE OF COMPL                                                                                                                                 | IANCE                            |                   |
| I certify that the statements made in the report are correct and tha ASME Code, Section XI.                                                          | at this conforms to the requirer | nents of the      |

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

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

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

| As required by the provisions of the Asian Code Section At                                                                                             | Work Order Number                     | Sheet              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------|
| Х                                                                                                                                                      |                                       |                    |
| )                                                                                                                                                      | 1659471-49                            | 2 of 2             |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                     |                                       |                    |
|                                                                                                                                                        |                                       |                    |
| • Pressurizer Vent Line Nozzle, UNS S31600; S/C 581281, UTC 1083784, HT                                                                                |                                       |                    |
| <b>9</b> 1 inch full pipe coupling, ASME SA182 Grade F316; S/C 593428, UTC 182<br>Linch Sch. 160 pipe. ASME SA376 Grade TP316; S/C 439066, UTC 1822069 |                                       |                    |
| 1 inch Sch. 160 pipe, ASME SA376 Grade TP316; S/C 439066, UTC 1822069,                                                                                 | , НІ # АПІ217                         |                    |
| 8                                                                                                                                                      |                                       |                    |
|                                                                                                                                                        |                                       |                    |
| <b>9</b>                                                                                                                                               |                                       |                    |
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| <i>w</i>                                                                                                                                               | · · · · · · · · · · · · · · · · · · · |                    |
| )                                                                                                                                                      |                                       |                    |
|                                                                                                                                                        |                                       |                    |
| I certify that the statements made in the report are correct and that the ASME Code, Section XI.                                                       | his conforms to the requirement       | nts of the         |
|                                                                                                                                                        |                                       |                    |
| Type Code Symbol Stamp Not Ap                                                                                                                          | pplicable                             |                    |
| Certificate of Authorization NumberNot Applicable                                                                                                      | Expiration Date Not A                 | pplicable          |
|                                                                                                                                                        | Date 12/5/2000                        | 5                  |
| Owner or Owner's Designee/Title                                                                                                                        |                                       |                    |
| /                                                                                                                                                      |                                       |                    |
| CERTIFICATE OF INSERVICE INSE                                                                                                                          | PECTION                               |                    |
| I, the undersigned, holding a valid commission issued by the Nationa                                                                                   |                                       | e Vessel           |
| Inspectors and the State or Province of NORTH CAROLINA a                                                                                               | and employed byH                      | SB CT              |
| of Hartford, Connecticut                                                                                                                               | have inspected the compo              |                    |
| in this Owner's Report during the period 7-27-04 to                                                                                                    |                                       | _ , and state that |
| to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of                |                                       | rective measures   |
| By signing this certificate neither the Inspector nor his employer                                                                                     | r makes any warranty, expre           |                    |
| concerning the examinations and corrective measures described in the                                                                                   | his Owner's Report. Further           | more, neither the  |
| Inspector nor his employer shall be liable in any manner for any perso kind arising from or connected with this inspection.                            | nal injury or property damage         | er a loss of any   |
|                                                                                                                                                        |                                       |                    |

Inspector's Signature Date 1-16-07

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

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

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

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

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

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

auth Inspector's Signature

Date

67

1444 NIABC Commissions /

National Board, State, Province, and Endorsements

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

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

Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

1/

Date 1-16-07

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

Inspector's Signature

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

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

As required by the provisions of the ASME Code Section XI

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il.

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

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

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

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

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                                                          |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                           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                                                     |
| • 6 7/8" heavy hex nuts; SA194 Grade 2H; S/C 131797, UTC # 107.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3641                                                                                                                                                 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Curry Senior Eng                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | nd that this co<br>Not Applica                                                                                                                                                                                                                                                                                                                            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Guard Senior Eng                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | nd that this co<br>Not Applica<br>Expira<br>ineer_ Date                                                                                                                                                                                                                                                                                                 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| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailed, Curry Senior Eng<br>Owner or Owner Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Morth Cara                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | nd that this co<br>Not Applica<br>Expira<br>ineer Date<br>VICE INSPECT<br>National Boa<br>va and en                                                  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| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer, Carlow Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Moerral Carlow<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has period                                                                                                                                                                                                                                                                                                                              | Not Applica<br>Not Applica<br>Expira<br>ineer Date<br>//ICE INSPECT<br>National Boa<br>A and en<br>A broom boards<br>International Boards<br>A broom boards<br>International Boards<br>A broom boards<br>International Boards<br>A broom boards<br>International Boards<br>Inter | ble<br>ation Date<br>11/8/2.00<br>ON<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>1-12-0.7<br>hinations and                                                                      | Not A<br>26<br>nd Pressur<br>H<br>the comp<br>taken cor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | pplicable<br>e Vessel<br>ISB CT<br>onents describ<br>, and state th                                                                                 |
| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer, Guider Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Morth Caracing<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has period<br>described in this Owner's Report in accordance with the require<br>By signing this certificate neither the Inspector nor his<br>concerning the examinations and corrective measures described                                                                                                                             | Not Applica         Not Applica         Expira         ineer       Date         VICE INSPECT         and end         bed in this O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | tion Date $1/8/2.00$<br>on<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>7-76-0.7<br>ninations and<br>SME Code, S<br>(es any warrawner's Report                                   | Not A<br>Not A<br>No | pplicable<br>e Vessel<br>ISB CT<br>onents describ<br>_ , and state the<br>rrective measures<br>essed or impli-                                      |
| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer Guilder Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Moerrer Correction<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has period<br>described in this Owner's Report in accordance with the required<br>By signing this certificate neither the Inspector nor his<br>concerning the examinations and corrective measures descri<br>Inspector nor his employer shall be liable in any manner for a<br>kind arising from or connected with this inspection. | Not Applica         Not Applica         Expira         ineer       Date         VICE INSPECT         e National Boa         image: and end         image: and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ble<br>ation Date<br>11/8/2.00<br>on<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>2-12-0.7<br>ninations and<br>ASME Code, S<br>kes any warra<br>wner's Report<br>njury or proper | Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>H<br>the composition<br>taken composition<br>t                                                                                                                                                                                                                                                                                                                                                                       | pplicable<br>e Vessel<br>ISB CT<br>onents describ<br>_ , and state the<br>rrective measures<br>essed or impli-<br>more, neither<br>e or a loss of a |
| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer Curry Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Moerrer Curry Curry<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has per<br>described in this Owner's Report in accordance with the require<br>By signing this certificate neither the Inspector nor his<br>concerning the examinations and corrective measures descri<br>Inspector nor his employer shall be liable in any manner for a<br>kind arising from or connected with this inspection.      | Not Applica         Not Applica         Expira         ineer       Date         VICE INSPECT         e National Boa         image: and end         image: and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ble<br>ation Date<br>11/8/2.00<br>on<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>2-12-0.7<br>ninations and<br>ASME Code, S<br>kes any warra<br>wner's Report<br>njury or proper | Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>H<br>the composition<br>taken composition<br>t                                                                                                                                                                                                                                                                                                                                                                       | pplicable<br>e Vessel<br>ISB CT<br>onents describe<br>_ , and state th<br>rrective measu<br>essed or impli<br>more, neither<br>e or a loss of a     |
| I certify that the statements made in the report are correct a<br>ASME Code, Section XI.<br>Type Code Symbol Stamp<br>Certificate of Authorization Number Not Applicable<br>Signed Bailer Curry Senior Eng<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSER<br>I, the undersigned, holding a valid commission issued by the<br>Inspectors and the State or Province of Moerrer Curry Curry<br>of Hartford, Connecticut<br>in this Owner's Report during the period 1-16-07<br>to the best of my knowledge and belief, the Owner has per<br>described in this Owner's Report in accordance with the require<br>By signing this certificate neither the Inspector nor his<br>concerning the examinations and corrective measures descri<br>Inspector nor his employer shall be liable in any manner for a<br>kind arising from or connected with this inspection.      | nd that this co<br>Not Applica<br>Expira<br>ineer Date<br>/ICE INSPECT<br>A National Boa<br>A and en<br>A and en<br>A be<br>rformed exar<br>ments of the A<br>employer ma<br>bed in this O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ble<br>ation Date<br>11/8/2.00<br>on<br>ard of Boiler ar<br>nployed by<br>ave inspected<br>2-12-0.7<br>ninations and<br>ASME Code, S<br>kes any warra<br>wner's Report<br>njury or proper | Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>Not A<br>H<br>the composition<br>taken composition<br>t                                                                                                                                                                                                                                                                                                                                                                       | pplicable<br>e Vessel<br>ISB CT<br>onents describu<br>_ , and state the<br>rrective measu<br>essed or impli<br>more, neither<br>e or a loss of a    |

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

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

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

As required by the provisions of the ASME Code Section XI

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

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

SUN

Date ノ・//-07

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

Inspector's Signature

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

Page 4 of 6

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| As required by the provisions of the ASME Code Section Af                                                       | -                    |                                       |                      |
|-----------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------|----------------------|
|                                                                                                                 |                      | Work Order Number                     | Sheet                |
| )                                                                                                               |                      | 98741777-01                           | 2 of 2               |
| 9. Remarks (Applicable Manufacturer's Data Reports to be att                                                    | ached)               |                                       |                      |
| 2. Nelliario (Applicable manufacturer 5 Data Reports to 50 att                                                  | acheuj               |                                       |                      |
|                                                                                                                 | · · · · · · · ·      |                                       |                      |
| • Pilot disc, stock code: 77535, UTC #: 972817, pilot spindle                                                   | e, stock code: 5901  | 21, UTC #: 1087901                    |                      |
|                                                                                                                 |                      |                                       |                      |
| 0                                                                                                               | ······               |                                       |                      |
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| <b>9</b>                                                                                                        |                      |                                       |                      |
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|                                                                                                                 | · · · · · ·          | · · · · · · · · · · · · · · · · · · · |                      |
| <u>}</u>                                                                                                        |                      |                                       |                      |
| CERTIFICAT                                                                                                      | E OF COMPLIANC       | E                                     |                      |
| I certify that the statements made in the report are co                                                         | prrect and that this | s conforms to the requiren            | nents of the         |
| ASME Code, Section XI.                                                                                          |                      |                                       |                      |
| Type Code Symbol Stamp                                                                                          | Not App              | licable                               |                      |
| · · · · · · · · · · · · · · · · · · ·                                                                           |                      | meable                                | ······               |
| Certificate of Authorization Number Not Application                                                             | able Ex              | piration Date Not                     | Applicable           |
| Signed Signed                                                                                                   | Sr. Engineer Da      | ite 11/15/2                           | ΩΩ <i>ζ</i>          |
| Owner or Owner's Designee, Title                                                                                |                      |                                       | 000                  |
|                                                                                                                 |                      |                                       |                      |
|                                                                                                                 |                      |                                       |                      |
| CERTIFICATE OF                                                                                                  | INSERVICE INSPE      | CTION                                 |                      |
| I, the undersigned, holding a valid commission issue                                                            | d by the National    | Board of Boiler and Press             | ure Vessel           |
| Inspectors and the State or Province of North Car                                                               | eoLina and           |                                       | HSB CT               |
| of Hartford, Connecticut                                                                                        |                      | have inspected the com                |                      |
| in this Owner's Report during the period 4-25                                                                   | 06 to                | 1-11-07                               | , and state that     |
| to the best of my knowledge and belief, the Owner                                                               | has performed e      | examinations and taken of             | orrective measures   |
| described in this Owner's Report in accordance with the                                                         |                      |                                       |                      |
| By signing this certificate neither the Inspector no                                                            |                      |                                       |                      |
| concerning the examinations and corrective measures<br>Inspector nor his employer shall be liable in any manner |                      |                                       |                      |
| kind arising from or connected with this inspection.                                                            |                      | al lightly of property dame           | Ige of a loss of any |

Trispector's Signature

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

1011-07 Date

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

| ,                                                              |                                    | Work Order Number                     | Sheet                     |
|----------------------------------------------------------------|------------------------------------|---------------------------------------|---------------------------|
| }                                                              |                                    | 1655856-6                             | 1 2 of 2                  |
| 9. Remarks (Applicable Manufacturer's Data                     | Reports to be attached)            |                                       |                           |
| <b>0</b> Based on engineering evaluation, the choi             | ice was given to gither use a 5/16 | anter nin (as original                | v designed) or a 2/8" all |
| threaded, double nuted rod. Hanger was reins                   |                                    |                                       |                           |
| evaluation indicated that thickness for item N                 |                                    |                                       |                           |
|                                                                | , ,                                |                                       |                           |
| 2                                                              |                                    |                                       |                           |
| Ð                                                              |                                    |                                       |                           |
| 0                                                              | ·                                  | an 1718-1777 a. 1 111-1990            |                           |
| 0                                                              | ·                                  |                                       |                           |
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| <b>y</b>                                                       | 、<br>                              |                                       |                           |
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| 9                                                              |                                    | · · · · · · · · · · · · · · · · · · · |                           |
| ₩                                                              |                                    |                                       |                           |
|                                                                |                                    |                                       |                           |
|                                                                |                                    |                                       | ·····                     |
|                                                                | CERTIFICATE OF COMPLIA             | ANCE                                  |                           |
| I certify that the statements made in t ASME Code, Section XI. | he report are correct and that     | this conforms to the r                | equirements of the        |
| Type Code Symbol Stamp                                         | Not                                | Applicable                            |                           |
| Certificate of Authorization Number                            |                                    | Expiration Date                       | Not Applicable            |

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

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

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

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

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

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

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

Date 1-23-07

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

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

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

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

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

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

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

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

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

Date 7-14-04

National Board, State, Province, and Endorsements

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

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

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

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

As required by the provisions of the ASME Code Section XI

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

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

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

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

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|                                                                                                                                                                                                                                            | Work Order Number | Sheet  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|
| )                                                                                                                                                                                                                                          | 1656405           | 2 of 2 |
| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                         |                   |        |
| • 1 inch threaded rod; SA193 Grade B7; S/C 297415, UTC 1079652, Heat # 7<br>1 inch heavy hex nuts; SA194 Grade 2H; S/C 131798, UTC 1079050, Heat # 72<br>NOTE: Orifice is single plate design used to limit flow into the RCS, part of pla | 240626            |        |
| 0                                                                                                                                                                                                                                          |                   |        |
| 0                                                                                                                                                                                                                                          |                   |        |
| •                                                                                                                                                                                                                                          |                   |        |
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| 0                                                                                                                                                                                                                                          | ·                 |        |
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| 0                                                                                                                                                                                                                                          | ·                 |        |
| 9                                                                                                                                                                                                                                          |                   |        |

| )                                                                | CERTIFICATE OF COMPL       | IANCE                                                                                                            |                       |
|------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------|
| I certify that the statements made in the ASME Code, Section XI. | report are correct and tha | it this conforms to the                                                                                          | e requirements of the |
| Type Code Symbol Stamp                                           | Not                        | Applicable                                                                                                       |                       |
| Certificate of Authorization Number                              | Not Applicable             | Expiration Date                                                                                                  | Not Applicable        |
| Signed Bail W. Complexing                                        | Senior Engineer<br>Title   | Date                                                                                                             | 1/25/2007             |
| · · · · · · · · · · · · · · · · · · ·                            |                            | and the second |                       |

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

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

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

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

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

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

Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

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

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| 9. Remarks (Applicable Manufacturer's Data Reports to be attached)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                             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                                                                                                                                                                                                                                                         |                                                     |
| • Bolting and nuts for 1RC-4 were replaced. Rod studs for bolting is SA-1 UTC #1073084.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 93, Gr. B7, UTC #108988                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 84 and nuts are SA-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 94, Gr. 7                                           |
| ● 1/8" Shims installed under the anchors for Hanger 50-0-481A-NPS-H13A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ۱.                                     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| CERTIFICATE OF COMPLI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                        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| I certify that the statements made in the report are correct and the ASME Code, Section XI.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | t this conforms to the re              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| I certify that the statements made in the report are correct and the ASME Code, Section XI. 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| I certify that the statements made in the report are correct and the ASME Code, Section XI. 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| I certify that the statements made in the report are correct and that ASME Code, Section XI.         Type Code Symbol Stamp       Not         Certificate of Authorization Number       Not Applicable         Signed       William W. Foster Jr Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | t this conforms to the re<br>Applicable<br>Expiration Date                                                                                                                                                                                                                      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| I certify that the statements made in the report are correct and that ASME Code, Section XI.         Type Code Symbol Stamp       Not         Certificate of Authorization Number       Not Applicable         Signed       William W. Foster Jr Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | t this conforms to the re<br>Applicable<br>Expiration Date<br>Date                                                                                                                                                                                                              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| I certify that the statements made in the report are correct and that<br>ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>William W. Foster Jr Engineer</u><br>Owner or Owner's Designee, Title<br><u>CERTIFICATE OF INSERVICE IN</u><br>I, the undersigned, holding a valid commission issued by the Natio<br>Inspectors and the State or Province of <u>Marry Carol war</u><br>of <u>Hartford, Connecticut</u><br>in this Owner's Report during the period <u>Jo- 4-oc</u><br>to the best of my knowledge and belief, the Owner has performed                                                                                                                                                                                                                                                                                                                                                          | Applicable          Applicable         Expiration Date         Date         Date         Image: second seco | Not Applicable<br>1/29/2006<br>d Pressure Vessel<br>HSB CT<br>the components des<br>, and sta<br>taken corrective m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ate tha                                             |
| I certify that the statements made in the report are correct and that<br>ASME Code, Section XI.<br>Type Code Symbol Stamp Not<br>Certificate of Authorization Number Not Applicable<br>Signed William W. Foster Jr Engineer<br>Owner or Owner's Designee, Title<br>CERTIFICATE OF INSERVICE IN<br>I, the undersigned, holding a valid commission issued by the Nation<br>Inspectors and the State or Province of Norra Carol war<br>of Hartford, Connecticut<br>in this Owner's Report during the period 10-4-04                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Applicable<br>Expiration Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date                                                                                                                            | Not Applicable<br>1/29/2006<br>d Pressure Vessel<br>HSB CT<br>the components des<br>, and sta<br>taken corrective m<br>taken corrective m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ate tha<br>easure<br>implied<br>ther th             |
| I certify that the statements made in the report are correct and the ASME Code, Section XI.<br>Type Code Symbol Stamp <u>Not</u><br>Certificate of Authorization Number <u>Not Applicable</u><br>Signed <u>William W. Foster Jr Engineer</u><br><u>Owner or Owner's Designee, Title</u><br><b>CERTIFICATE OF INSERVICE IN</b><br>I, the undersigned, holding a valid commission issued by the Nation<br>Inspectors and the State or Province of <u>Merry Caroling R</u><br>of <u>Hartford, Connecticut</u><br>in this Owner's Report during the period <u>Jo-4-oc</u><br>to the best of my knowledge and belief, the Owner has performed<br>described in this Owner's Report in accordance with the requirements.<br>By signing this certificate neither the Inspector nor his emplo<br>concerning the examinations and corrective measures described ir<br>Inspector nor his employer shall be liable in any manner for any per-<br>kind arising from or connected with this inspection.     | Applicable<br>Expiration Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date<br>Date                                                                                                    | Not Applicable<br>11/29/2006<br>d Pressure Vessel<br>HSB CT<br>the components des<br>, and sta<br>taken corrective m<br>taken cor | ate that<br>easure<br>implied<br>ther th<br>s of an |
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|        |                                                  | visions of the Abivit |              |                        |                          |                | Work Order Num       | ıber     | Sheet                    |                 |  |  |
|--------|--------------------------------------------------|-----------------------|--------------|------------------------|--------------------------|----------------|----------------------|----------|--------------------------|-----------------|--|--|
| (      | }                                                |                       |              |                        |                          |                | . 1679               | 288      | 1                        | of 2            |  |  |
|        | 1. Owner                                         |                       |              | 2. Pla                 | ant                      |                |                      |          | Unit                     |                 |  |  |
|        | Duke Pow                                         | er Company            |              | Oconee Nuclear Station |                          |                |                      | Ol       | NS - 1                   |                 |  |  |
|        | 526 South                                        | Church Street         |              |                        | 7800 Roche               | este           | er Hwy               |          | Date                     |                 |  |  |
|        | Charlotte, NC 28201-1006<br>3. Work Performed by |                       |              |                        | Seneca, SC 29672         |                |                      |          |                          | 12/1/2006       |  |  |
|        |                                                  |                       |              |                        | Type Code Symbol Stamp   |                |                      |          |                          |                 |  |  |
|        |                                                  |                       |              |                        |                          | Not Applicable |                      |          |                          |                 |  |  |
|        | 526 South Church Street                          |                       |              |                        |                          |                | Authorization Number |          |                          |                 |  |  |
| i      |                                                  |                       |              |                        |                          |                | Not Ap               | plicable |                          |                 |  |  |
|        | Charlotte, NC 28201-1006                         |                       |              |                        |                          |                | Expiration Date      | Not Ar   | plicable                 |                 |  |  |
|        | 4. Identification of                             | System, ASME CI       | ass          |                        |                          | 1              |                      |          | <b>F</b>                 |                 |  |  |
|        |                                                  |                       |              | RC                     | C, ASME Class 1          | l              |                      |          |                          |                 |  |  |
|        | <ol> <li>Applicable Cons</li> </ol>              | struction Code:       | USAS B3      | 317                    | 19 69                    | Edi            | tion, No             | Addend   | la, No (                 | Code Case       |  |  |
|        | (b) Applicable Edition                           | ****                  |              |                        |                          |                | tion, 2000           | - Addend | ·                        |                 |  |  |
|        | (c) Applicable Secti                             | on XI Code Case(s)    | Code (       | Cases N                | N-504-2 & N-638-         | 1              |                      |          |                          |                 |  |  |
|        | 6. Identification of                             | Components            |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | Name of                                          | Name of               | Manufactu    |                        | National                 |                | Other                | Year     | Corrected,               | ASME            |  |  |
|        | Component                                        | Manufacturer          | Serial Nun   | nber                   | Board No.                | I              | Identification       | Built    | Removed,<br>or Installed | Code<br>Stamped |  |  |
|        |                                                  |                       |              |                        |                          |                |                      |          |                          | (Yes / No)      |  |  |
| $\sim$ |                                                  |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | 1-RC-0230-57V                                    | WSI                   | None         |                        | None                     |                | None                 | 2006     | Corrected                | NO              |  |  |
|        |                                                  |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | ,                                                |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
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|        |                                                  |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | 7. Description of                                | Work                  |              |                        | ·                        |                |                      |          | -                        |                 |  |  |
|        | OD100789 - Weld                                  | d overlay of the pr   | essurizer sp | oray no                | ozzle butt welds         | bet            | tween the Class      | 1 nozzle | , the safe end,          | and the         |  |  |
|        | pipe.                                            |                       |              |                        |                          |                |                      |          |                          |                 |  |  |
|        | 8. Test Conducte                                 | ed                    |              |                        |                          |                |                      |          | <u></u>                  |                 |  |  |
|        | 🗌 Hydrost                                        | tatic 🗌 Pneumat       | ic 🛛 Nor     | ninal C                | <b>Derating Pressure</b> | [              | Exempt               | ] Other  |                          |                 |  |  |
|        |                                                  | Pressure              | PSI          | [                      | Test Temp                | oera           | iture                | °F       |                          |                 |  |  |
| 1      |                                                  |                       |              |                        |                          |                |                      |          |                          |                 |  |  |

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

Date \_ 12.11.02

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

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

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

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

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

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

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

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	Work Order Number	Sheet
\bigcirc	1682337-14	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached))	
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9	· · · · · · · · · · · · · · · · · · ·	
0		
CERTIFICATE OF I certify that the statements made in the report are correct		ents of the
ASME Code, Section XI.		
Type Code Symbol Stamp	Not Applicable	
Certificate of Authorization Number Not Applicable	Expiration Date Not A	Applicable
Signed Basil W. Curry H. Senior Er	ngineer Date 1/24/200)7
Owner or Owner's Designee, Title		<u></u>
CERTIFICATE OF INSE		
I, the undersigned, holding a valid commission issued by t Inspectors and the State or Province of <u>North Corocin</u>	he National Board of Boiler and Pressu	re Vessel HSB CT
of Hartford, Connecticut	have inspected the comp	
in this Owner's Report during the period 11-7-06	to 1-26-07	
to the best of my knowledge and belief, the Owner has p		
described in this Owner's Report in accordance with the requi By signing this certificate neither the Inspector nor his		
concerning the examinations and corrective measures desc		
Inspector nor his employer shall be liable in any manner for kind arising from or connected with this inspection.	any personal injury or property damag	je or a loss of any
Inspector's Signature	National Board, State, Province, ar	nd Endorsements
Date 1-26-07	· · · · · · · · · · · · · · · · · · ·	

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

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

Date 10/12/06

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

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

As required by the provisions of the ASME Code Section XI

1

		Work Order Numbe	r	Sheet
)		01674262-	·01	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports	s to be attached)	_1	-	<u></u>
1 Disc Insert, Stock Code #: 113418, UTC #: 988442	2			
8				
6				
			• • •	
0				<u></u>
0				
Ø				
-				
0			<u> </u>	
<u> </u>	·			
0				
*				
				<u> </u>
	RTIFICATE OF COMPLIA			·
I certify that the statements made in the repo ASME Code, Section XI.			requiremen	ts of the
Type Code Symbol Stamp	Not 2	Applicable		
Certificate of Authorization Number Not	ot Applicable	Expiration Date	Not Ap	plicable
Signed Owner or Owner's Designee, Title	/Sr. Engineer	Date	11/20/2006	•
CERTIFIC	CATE OF INSERVICE INS	SPECTION		
I, the undersigned, holding a valid commission		nal Board of Boiler ar and employed by		
of Hartford, Connectic				BB CT nents described
in this Owner's Report during the period	10-23-06	to 1-22-07		, and state that
to the best of my knowledge and belief, the described in this Owner's Report in accordance w				ective measure

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

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

Date 1-22-07

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

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

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

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

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

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

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

 Commissions
 Sci4444 Singer

 Inspector's Signature
 Commissions

 Date
 12=2-26

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

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

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

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

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

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

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

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As required by the provisions of the ASIME Code	Section AI		
		Work Order Number	Sheet
)		1656157	2 of 2
9. Remarks (Applicable Manufacturer's Data	Reports to be attached)	. <u>.</u>	
• "X 5" x 1/2" Flat Bar; Carbon Steel, ASTN	A A36; S/C 21618, UTC 10927.	30.	
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		фа <u>1</u> ,9188, ф. Чаколого, ц	
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)			
	CERTIFICATE OF COMPLIA	NCE	
I certify that the statements made in th ASME Code, Section XI.	e report are correct and that	this conforms to the re-	quirements of the
Type Code Symbol Stamp	Not A	Applicable	
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed <u>Darily Carrow</u> Owner or Owner's Designed	Senior Engineer e, Title	Date1	1/29/2006
/			
CE	RTIFICATE OF INSERVICE IN	SPECTION	
I, the undersigned, holding a valid con		· ·	Pressure Vessel
Inspectors and the State or Province of	UNRTH PAROLINA	and employed by	HSB CT
of Hartford, Con		· · · · · · · · · · · · · · · · · · ·	e components described
in this Owner's Report during the period		to 1-22-07	, and state that
to the best of my knowledge and belie	f, the Owner has performed	d examinations and ta	
described in this Owner's Report in accord			
By signing this certificate neither th	e inspector nor his employ	er makes anv warran	ty expressed or implied

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

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

Date 1-22-07

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

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

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

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

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

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

CERTIFICATE OF INSERVICE INSPECTION

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

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

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

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

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel						
Inspectors and the State or Province of NORTH CAROLINA and employed by HSB CT						
of Hartford, Connecticut have inspected the components described						
in this Owner's Report during the period 11-7-06 to 1-25-07 , and state that						
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measure						
described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.						
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied						
concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither th						
Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of an						
kind arising from or connected with this inspection.						
The second						
Commissions NC/444 NIABC						
Inspector's Signature National Board, State, Province, and Endorsements						
Date 1-25-07						

					Work Order Nur	nber	Sheet	
)					01670	981-01	1	of 2
Γ	1. Owner		2. PI	ant			Unit	
	Duke Pow	ver Company		Oconee Nu	clear Station		O	NS - 1
		Church Street		7800 Roche	•		Date	
	Charlotte, NC 28201-1006			Seneca, SC	29672		11/	8/2006
ſ	3. Work Performed	d by			Type Code Sym		oplicable	
		ver Company 1 Church Street			Authorization N		oplicable	
	Charlotte	,NC 28201-1006			Expiration Date		oplicable	
ſ	4. Identification of	System, ASME CI		re Injection, ASN	4E Class 2			
	5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section	on Section XI Utilize on XI Code Case(s	,		Edition, <u>No</u> Edition, <u>2000</u>	Addeno	· · · · · · · · · · · · · · · · · · ·	Code Case
ſ	6. Identification of	Components						
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
)[1HP-17	Crane Aloyco	Unknown	N/A	N/A	1968	Corrected	NO
ľ						-		
ŀ								
$\left \right $	<u> </u>			· · · · · · · · · · · · · · · · · · ·				
╞			· · · · · ·		<u>.</u>	ļ		
	.							
ľ								
ł	7. Description of	Work	L	L	· · · · · · · · · · · · · · · · · · ·		L	
	Body to Bonnet b		e slightly coroded	and were replace	ed by Maintennac	e for ALA	ARA reasons	
)	8. Test Conducte	d	<u> </u>		••••••			
	Hydrost	atic Pneuma Pressure		Operating Pressure Test Temp		Other •F	Visual	
L			·····	-				

;

	Work Order Number	Sheet
	01670981-01	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	L	
Bonnet bolts and nuts for 1HP-17, Bolts UTC # 0001086587 and Nuts UTC	# 0001092857	
0		
8	·	
0		
4		
0		· · · · · · · · · · · · · · · · · · ·
	t.	, 11 (11)
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<u> </u>		
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CERTIFICATE OF COMPLIAN		
I certify that the statements made in the report are correct and that the ASME Code, Section XI.	his conforms to the requireme	nts of the
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requiremen	
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration Date <u>Not A</u> J	
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration Date <u>Not A</u> J	· .
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration Date <u>Not A</u> J	· .
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Not Applicable Signed Arm Alutanthe Service Tech Specification Tech	his conforms to the requirement pplicable Expiration Date <u>Not A</u> Date <u>()</u>	· .
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration Date <u>Not Ap</u> Date <u>IISSOUS</u>	pplicable
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration Date Not Applicable Date IISTON PECTION al Board of Boiler and Pressure	pplicable
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Certificate of Authorization Number Not Applicable Signed And Aluxando Service Tech Specification I Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSERVICE INSERVICE INSERVICE INSERVICE INSERVICE INSERVICE INSERVICE OF Province of Not Applicable I Signed And Aluxando Service Aluxando Service III	his conforms to the requirement pplicable Expiration Date <u>Not A</u> Date <u>IISSOC</u> PECTION al Board of Boiler and Pressure and employed by <u>H</u>	pplicable e Vessel SB CT
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration DateNot Aj Date/S/Sock PECTION al Board of Boiler and Pressure and employed byH have inspected the composed	e Vessel SB CT onents described
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Certificate of Authorization Number <u>Not Applicable</u> Signed An Alutanch Service Tech Specialist [Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE OF INSERVICE INSER	his conforms to the requirement pplicable Expiration Date Not Applicable Date $u/s/sock$ PECTION al Board of Boiler and Pressure and employed by H have inspected the component $u - 2 \le 0$	e Vessel SB CT onents described , and state that
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Certificate of Authorization Number <u>Not Applicable</u> Signed And Aluxandan Service Tech Specification I Gowner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSU I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of <u>Marth Chrockner</u> are of <u>Hartford, Connecticut</u> in this Owner's Report during the period <u>11-8-06</u> to to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of	his conforms to the requirement pplicable Expiration Date Not Applicable Date $n/s/3arb$ PECTION al Board of Boiler and Pressure and employed by H have inspected the compo $n - 2 \le 0.2$ examinations and taken cord f the ASME Code, Section XI.	e Vessel SB CT onents described , and state that rective measure
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Not Applicable Signed Authorization Number <u>Not Applicable</u> Signed Authorization Number <u>Server Tech Sfeciolist</u> II Signed Authorization Server Tech Sfeciolist II CERTIFICATE OF INSERVICE INSI I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of <u>Metric Creecture</u> are of <u>Hartford, Connecticut</u> in this Owner's Report during the period <u>11-8-06</u> to to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his employe	his conforms to the requirement pplicable Expiration Date Not Aj Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the compo o examinations and taken cord f the ASME Code, Section XI. r makes any warranty, expression	e Vessel SB CT onents described , and state that rective measure essed or implied
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Certificate of Authorization Number <u>Not Applicable</u> Signed <u>Markanka</u> <u>Service</u> <u>Tech</u> <u>Sfectodis7</u> [I] CERTIFICATE OF INSERVICE INSER	his conforms to the requirement pplicable Expiration Date Not Applicable Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the component o Society Applications and taken corr f the ASME Code, Section XI. r makes any warranty, expre- his Owner's Report. Further	e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp Not Applicable Not Applicable Signed M Mutand Senior Tech Specialist I, the undersigned, holding a valid commission issued by the National Inspectors and the State or Province of Martford, Connecticut in this Owner's Report during the period 1/-8-06 to to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his employer concerning the examinations and corrective measures described in th Inspector nor his employer shall be liable in any manner for any person	his conforms to the requirement pplicable Expiration Date Not Applicable Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the component o Society Applications and taken corr f the ASME Code, Section XI. r makes any warranty, expre- his Owner's Report. Further	e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp <u>Not Applicable</u> Certificate of Authorization Number <u>Not Applicable</u> Signed <u>Markanka</u> <u>Service</u> <u>Tech</u> <u>Sfectodis7</u> [I] CERTIFICATE OF INSERVICE INSER	his conforms to the requirement pplicable Expiration Date Not Applicable Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the component o Society Applications and taken corr f the ASME Code, Section XI. r makes any warranty, expre- his Owner's Report. Further	e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration Date Not Applicable Expiration Date Not Applicable Date $n/s/sacc$ PECTION al Board of Boiler and Pressure and employed by H have inspected the composite $n - 2 \le 0.7$ examinations and taken corr f the ASME Code, Section XI. r makes any warranty, expression his Owner's Report. Further bonal injury or property damage	e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the e or a loss of any
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration Date Not Ap Date USSOC PECTION al Board of Boiler and Pressure and employed by H have inspected the compo Date SME Code, Section XI. r makes any warranty, express his Owner's Report. Further bonal injury or property damage	e Vessel SB CT onents described , and state that rective measures essed or implied, more, neither the e or a loss of any
I certify that the statements made in the report are correct and that the ASME Code, Section XI. Type Code Symbol Stamp	his conforms to the requirement pplicable Expiration Date Not Applicable Expiration Date Not Applicable Date $n/s/sacc$ PECTION al Board of Boiler and Pressure and employed by H have inspected the composite $n - 2 \le 0.7$ examinations and taken corr f the ASME Code, Section XI. r makes any warranty, expression his Owner's Report. Further bonal injury or property damage	e Vessel SB CT onents described , and state that rective measures essed or implied more, neither the e or a loss of any

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

/ :

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

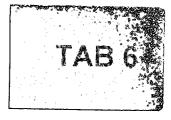
CERTIFICA	TE OF INSERVI		TION	<u> </u>	
I, the undersigned, holding a valid commission					
Inspectors and the State or Province of North	(ARXINA	and	employed by		
of Hartford, Connecticut	:		have inspected the	ne components described	
in this Owner's Report during the period	1.17.05	to	1.10-07	, and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

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6.0 <u>Pressure Testing</u>

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

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

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

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

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

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

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

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

EOC 23 Refueling Outage Report Oconee Unit 1 Section 6

Page 2 of 4 Revision 0 January 11, 2007

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

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

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

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

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

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Page 4 of 4 Revision 0 January 11, 2007