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T. PRESTON GILLESPIE, JR. Vice President Oconee Nuclear Station

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September 7, 2011

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

Subject: Duke Energy Carolinas, LLC. Oconee Nuclear Station, Unit 1 Docket No. 50-269 Unit 1 End of Cycle (EOC) 26 Refueling Outage Inservice Inspection (ISI) Report Fourth Ten-Year Inservice Inspection Interval

Duke Energy Carolinas, LLC (Duke Energy) is providing a copy of the Inservice Inspection Report for the Oconee Nuclear Station (ONS), Unit 1 EOC-26 Refueling Outage. This report is submitted pursuant to Section XI of the ASME Boiler and Pressure Vessel Code, 1998 Edition, with 2000 addenda, Subsubarticles IWA-6230 and IWA-6240.

This report does not include activities specific to the Steam Generator Tube Inservice Inspection. Duke Energy will transmit separately, a summary report that documents the Steam Generator Tube Inservice Inspection of the ONS, Unit 1 EOC-26 Refueling Outage. If there are any questions you may contact Corey Gray ONS Regulatory Compliance group, at (864)-873-6325.

Sincerely,

T. Preston Gillespie, Jr. Vice President Oconee Nuclear Station

Attachment



U. S. Nuclear Regulatory Commission September 7, 2011 Page 2

Xc w/ attachment:

Victor McCree Region II Administrator U. S. Nuclear Regulatory Commission Marquis One Tower 245 Peachtree Center Ave., NE, Suite 1200 Atlanta, Ga 30303-1257

John Stang Project Manger U. S. Nuclear Regulatory Commission Office of Nuclear Reactor Regulation Washington, D.C. 20555

Xc w/o attachment

Andy Sabisch NRC Senior Resident Inspector Oconee Nuclear Station

Susan Jenkins Section Manager Division of Waste Management Bureau of Land and Waste Management SC Dept. of Health & Environment Control 2600 Bull St. Columbia SC 29201

. Owner: Duke	Energy Carolina	s. 526 S. Church St.,	Charlotte, NC 2820	1-1008
		(Name and Address	of Owner)	
2. Plant: <u>Oco</u>	nee <u>Nuclear Stati</u>	on. 7800 Rochester I (Name and Address	Highway, Seneca, Si s of Plant)	<u>C 29672</u>
). Plant Unit:	1 4. Owner	Certificate of Authori	·	NA
	Service Date: Ju		ational Board Numb	
. Components				_
-	·		.	NF 100 - N
omponent or ppurtenance	Manufacturer Installer	Manufacturer Installer Serial No.	State or Province No.	National Board No.
	······································		· · · · · · · · · · · · · · · · · · ·	······································
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Total number of pages contained in this report <u>187</u>.

3.	W NIS-1 (Back)	0			2014
	Examination Dates	December 4,	2009	to June 9, 5	2011
).	Inspection Period Ide	ntification:	Third Period		
0.	Inspection Interval Ide	entification:	Fourth Interval		
1.	Applicable Edition of	Section XI	1998	Addenda	2000
2.	Date/Revision of Insp	ection Plan:	January 26, 200	8/Revision 1	· · · · · · · · · · · · · · · · · · ·
	bstract of Examination oncerning status of wo				s and a statement 2.0, 3.0 and 6.0
	bstract of Results of E	•	•	See Sections	
15. A	Abstract of Corrective N	Measures.		See Subsection	<u>on 4.3</u>
nspe he n	iction Plan as required ules of the ASME Code	by the ASME Co , Section XI.	de, Section XI, and	I c) corrective m Expiration	inations and tests meet the easures taken conform to on Date NA
			/	·	
Date	8/17/2011	Signed	Duke Energy Carolinas	By III	with the
	<u> </u>		Owner	<u>µ</u>	
	ectors and the State or acted the components 3/17/201/ Inned examinations ar rdance with the Inspect y signing this certificat ed concerning the exit	Province of described in this and state that d tests and take tion Plan and as a nether the Inst aminations, test	Owner's Report du to the best of my k n corrective measu required by the AS bector nor his emplo and corrective mea	employed by ning the period _ nowledge and b res described in ME Code, Section byer makes any sures described	elief, the Owner has the Owner's Report in on XI. warranty, expressed or in this Owner's Report. er for any personal injury or
B impli Furti prop	nermore, naither the in env damage or a loss Inspectore Signature 8/19/2011	of any kind arisir Corr	ng from or connecte	d with this inspe	Province, and Endorsements

Owner's Report For INSERVICE INSPECTIONS

OCONEE UNIT 1 2011 REFUELING OUTAGE EOC26 (OUTAGE 5)

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

NRC Docket No. 50-269

Commercial Service Date: July 15, 1973

Document Completion Date 8-19-2011

Owner: Duke Energy Carolinas 526 South Church St. Charlotte, N. C. 28201-1006

Revision 0

ed By:	Drug D Acubow	Date	8-10.2011
d By:	Jony J. Underwood	Date	8-10-2011
ed By:	Menleg	Date	8-16-2011

Originated By:

Checked By:

Approved By:

DISTRIBUTION LIST

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- 2. NRC Document Control Desk
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HSB Global Standards (AIA) ^C/o ANII at Oconee

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1.0 General Information

This report describes the Inservice Inspection of Duke's Oconee Nuclear Station, Unit 1 EOC 26 (Outage 5 of the fourth interval). This is the first outage in the third 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.

This report includes 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 which contains completed NIS-2 forms.

ltem	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	ŇA	NA	NA
Auxiliary Steam System	Duke Power	NA	NA	NA
Feedwater System	Duke Power	NA	NA	NA
Emergency Feedwater System	Duke Power	NA	NA	NA
Steam Generator Flush System	Duke Power	NA	NA	NA
Condensate System	Duke Power	NA	NA	NA
Vents and Exhaust System	Duke Power	NA	NA	NA

1.1 Identification Numbers

EOC 26 Refueling Outage Report Oconee Unit 1 Section 1 Page 1 of 4 Revision 0 August 4, 2011

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

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1.2 <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 / Alternative Examination Coverage for Class 1 and Class 2 Welds, Section XI, Division I. Applicable to items in this report where less than 100% coverage of the required weld examination volume was achieved.

Code Case N-504-2 / Alternative Rules for Repair of Class 1, 2, and 3 Austenitic Stainless Steel Piping. (Applicable to welds that received weld overlay.)

Code Case N-609 / Alternate Requirements to Stress-Based Selection Criteria for Category B-J Welds, Section XI, Division 1

Code Case N-624 / Alternative to the requirements of IWB-2420(a), IWC-2420(a), IWD-2420(a), and IWF-2420(a). This will allow the sequence of component examinations that were established during the first inspection interval to be modified, provided that the percentage requirements are still met.

Code Case N-663 / Alternative Requirements for Classes 1 and 2 Surface Examinations, Section XI, Division I

Code Case N-665 / Alternative Requirements for Beam Angle Measurements using Refracted Longitudinal Wave Search Units

Code Case N-683 (Method for Determining Maximum Allowable False Calls when Performing Single Sided Access Performance Demonstration in Accordance With Appendix VIII, Supplements 4 and 6.)

Code Case N-685 / Lighting Requirements for Surface Examinations

Code Case N-695 / Qualification Requirements for Dissimilar Metal Piping Welds, Section XI, Division I

Code Case N-700 / Alternative Rules for Selection of Classes 1, 2 and 3 Vessel Welded Attachments for Examination Section XI, Division 1. (Categories B-K, C-C, and D-A)

Code Case N-706 / Alternative Examination Requirements of Table IWB-2500-1 and Table IWC-2500-1 for PWR Stainless Steel Residual and Regenerative Heat Exchangers.. For Oconee it affects Category C-A. This code case will be used only on C1.10 items on the Decay Heat Coolers for all 3 Oconee Units. Code Case N-722 / Additional Examinations for PWR Pressure retaining Welds in Class 1 Components Fabricated with Alloy 600/82/182 Materials Section XI, Division 1) 10CFR Part 50, Federal Register, Final Rule that was issued September 10, 2008 mandates the use of this code case. (Effective Date is October 10, 2008)

Duke Power Company Problem Investigation Process (PIP) Report O-11-06923. This PIP was written to track the evaluation process and resolution for limited coverage on UT examinations of welds that were inspected during EOC-26 for Unit 1. This will include processing relief request if it is determined that greater than ninety percent of coverage cannot be achieved. The welds with limited coverage are listed in Section 4.4 of this report.

PIP O-09-0848 was written to incorporate Code Case N-609 into the Fourth Interval ISI Plan.

PIP G-08-0185 was written to incorporate Code Case N-663 into the Fourth Interval ISI Plan.

PIP O-10-1242 was written to remove C2.32 items as a result of an SER received for RFR 10-ON-001.

PIP O-11-09131 was written to document the work orders that had work completed during the 1EOC-26 report period but the documentation was not completed in time for the NIS-2 forms to be incorporated into 1EOC-26 report.

Request for Relief 03-006 / Allows Duke an Alternative for the Snubber Examinations required in IWF-5000 for the 4th interval.

Request for Relief 07-ON-001 / Allows Duke an Alternative for Section XI inspection requirements to support the application of Structural Weld Overlays on Nozzle to SE Welds (Summary Numbers O1.Q1.1).

Request for Relief 10-ON-001 / Allows Duke an Alternative to the required ultrasonic (UT) inspection of the LPI Cooler nozzle welds.

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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	(1) Deferral Allowed
B-A	Pressure Retaining Welds in Reactor Vessel	13	0.5	4%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessel	10	6	60%	No
B-D	Full Penetration Welds of Nozzles in Vessels Inspection Program B	54	38	70%	Partial
B-F	Pressure Retaining Dissimilar Metal Welds	2	0	0%	Yes
B-G-1	Pressure Retaining Bolting Greater than 2 Inches in Diameter	125	125	100%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	22	22	100%	No
B-J	Pressure Retaining Welds in Piping	151	139	92%	No
B-K	Welded Attachments for Vessels, Piping, Pumps and Valves	9	8	89%	No

Class 1 Inspections

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Class 1 Inspections (Continued)

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	(1) Deferral Allowed
B-L-1	Pressure Retaining Welds in Pump Casings	1	1	100%	Yes
B-L-2	Pump Casings	1	0	0%	Yes
B-M-1	Pressure Retaining Welds in Valve Bodies	1	1	100%	Yes
B-M-2	Valve Bodies	. 3	3	100%	Yes
B-N-1	Interior of Reactor Vessel	3	2	67%	No
B-N-2	Welded Core Support Structures and Interior Attachments to Reactor Vessels	3	0	0%	Yes
B-N-3	Removable Core Support Structures	1	0	0%	Yes
B-0	Pressure Retaining Welds in Control Rod Housings	12	8	67%	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	34 Supports	92%	No
F-A F1.050 items	Class 1 Component Supports, Snubbers				(2)

Weld Overlay per Section XI Appendix Q

Examination	Description	Inspections	Inspections	Percentage
Category		Required	Completed	Completed
Q-A	Q1.1 items Weld Overlay	3	2	(3) 67%

EOC 26 Refueling Outage Report Oconee Unit 1 Section 2

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Class 2 Inspections

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed
C-A	Pressure Retaining Welds in Pressure Vessels	11	9	82%
C-B	Pressure Retaining Nozzle Welds in Vessels	4	4	100%
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	37	35	95%
C-D	Pressure Retaining Bolting Greater Than 2 Inches in Diameter	2	1	50%
C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	175	144	82%
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	72	61	85%
C-G	Pressure Retaining Welds in Pumps and Valves	N/A	N/A	N/A
C-H	All Pressure Retaining Components	REFERENCE	SECTION 6.0 C	F THIS REPOR
F-A F1.020 & F1.040 items	Class 2 Component Supports (Except Snubbers)	138	115	83%
F-A F1.050 items	Class 2 Component Supports, Snubbers	1		(2)

EOC 26 Refueling Outage Report Oconee Unit 1 Section 2

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Augmented/Elective Inspections

ltem Number	Description	Percentage Completed		
O1.B4.30	Head with Nozzles and Partial Penetration Welds, Bare Metal Visual per Code Case N-729-1	No items scheduled for EOC 26		
O1.B4.40 Head with nozzles and Partial Penetration Welds, Volumetric/Surface exam per Code Case N-729-1		No items scheduled for EOC 26		
O1.B15.80	Reactor Vessel Bottom Head Bare Metal Visual per Code Case N-722	100% of EOC 26 Requirements		
O1.B15.140	Pressurizer, Bare Metal Visual per Code Case N-722	100% of EOC 26 Requirements		
O1.B15.210	Hot Leg Full Penetration Weld, Bare Metal Visual per Code Case N-722	100% of EOC 26 Requirements		
O1.B15.215	Cold Leg Full Penetration Weld, Bare Metal Visual per Code Case N-722	100% of EOC 26 Requirements		
01.G1.1	Reactor Coolant Pump Flywheel	No items scheduled for EOC 26		
01.G2.1	HPI Nozzle Safe End Examinations	100% of EOC 26 Requirements		
01.G3.1	Pressurizer Surge Line Examinations	No items scheduled for EOC 26		
01.G4.1	Thermal Stress Piping (NRC Bulletin 88-08)	100% of EOC 26 Requirements		
O1.G12.1	UT Examination per MRP-139	No items scheduled for EOC 26		
01.G12.2	UT Examination per MRP-139	No items scheduled for EOC 26		
O1.G16.1	UT Examination per MRP-146	100% of EOC 26 Requirements		
O1.H2.1	Class 1 RTE Mounting Bosses	100% of EOC 26 Requirements		
O1.H3.1	Main Feedwater Piping in the East and West Penetration Rooms per QA-513J (ER-ONS-04-03)	No items scheduled for EOC 26		
O1.H4.1	Main Feedwater and Main Steam Piping Supports and Attachment Welds per QA-513J (ER-ONS-04-05)	100% of EOC 26 Requirements		
O1.H5.1	East Penetration Main Feedwater piping welds and attachments	100% of EOC 26 Requirements		
O1.H6.1	Main Feedwater rupture restraint attachment welds	100% of EOC 26 Requirements		

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

(2) Inspected under Selected License Commitment 16.9.18 per Relief Request 03-006.

(3) All weld overlays are scheduled and examined per Appendix Q.

EOC 26 Refueling Outage Report Oconee Unit 1 Section 2

3.0 Final Inservice Inspection Plan

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

EOC 26 Refueling Outage Report Oconee Unit 1 Section 3 Page 1 of 1 Revision 0 August 4, 2011 ScheduleWorks

DUKE ENERGY NUCLEAR TECHNICAL SERVICES Inservice Inspection Database Management System <u>Plan Report</u>

Oconee 1, 4th Interval, Outage 5 (EOC-26)

This report includes all changes through addendum ONS1-137

Summary Num	Component ID ISO/DWG Numbers Class / System	Procedure Description Comments	insp Rec	; Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG								
O1.B15.140.0001	1-PZR-HTR PLATES							
	Class 1 50	NDE-68	VT-2	CS-Inconel		0.000 / 0.000	•	
Dissimilar	OM 201-288							
Dissilinar		Nozzle to Sa	fo End					
							surizer. (3 welds total)	`
		Bare Metal \ Number B15 B15.140 Iter Personnel pr four hours of acid corrosic Procedure N	(isual Inspe- .140). Ins are to be arforming th additional I in of adjace DE 68, Acc	ction by VT-2 q examined ever e visual examin raining in detec nt ferritic steel o eptance Criteria	ualified insp ry refueling o nation shall I tion of bora components a is "no evid	ector of the PZR butage from the s be qualified as VT ted water leakage ence of borated v	tart date. [-2 visual examiners and e from alloy 600/82/182 c vater leakage."	nts of Code Case N-722. (Item shall have completed a minimum of components and the resulting boric <u>Nuclear Technical Services Division</u> .
O1.B15.140.0002	1-PZR-HTR-SLEEVES							
	Class 1 50	NDE-68	VT-2	CS-Inconel		0.000 / 0.000	-	
	OM 201-288							
Dissimilar	OM 201-152							
		Nozzle to Sa	fe End					
		Per the requ ASME Code Bare Metal N Number B15 B15.140 iten Personnel pr four hours of acid corrosic Procedure N	irements of Case N-72 (Isual Inspe .140). Ins are to be enforming th additional 1 additional 1 of adjace DE 68, Acc	10 CFR 50.55a 2 subject to the ction by VT-2 q examined ever e visual examin raining in detec nt ferritic steel eptance Criteria	(g) (6) (ii) (conditions : ualified insp y refueling o hation shall l ction of bora components a is "no evid	E), all licensees of specified in parag ector of the PZR butage from the s be qualified as VT ted water leakage ence of borated w	of PWRs shall augment t (raphs (g) (6) (ii) (E) 2 thi welds per the requireme tart date. 7-2 visual examiners and 6 from alloy 600/82/182 c vater leakage."	rizer. (total of 117 welds) heir ISI program implementing rough 4. nts of Code Case N-722. (Item shall have completed a minimum of components and the resulting boric Nuclear Technical Services Division.

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Category AUG	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
01.B15.210.0001	1RC-269-125V	an shin si sa sa sa an	Notice and the state of the sta					·	
Dissimilar	Class 1 50	1RC-269 OM 201-0738 OM 201-0181	NDE-68	VT-2	SS-Inconel		0.250 / 1.000		-
Disaining			Pipe to Safe I	nd					
			Hot Leg. (Examine the Per the requir ASME Code (Bare Metal Vi Code Case N Personnel per four hours of a acid corrosion Procedure NE This B15.210	Nozzle to S ements of 1 Case N-722 sual Inspec -722. forming the additional tri of adjacen DE 68, Acce item is to b	afe-End weld a 0 CFR 50.55a subject to the tion by VT-2 qu visual examina aining in detect t ferritic steel c ptance Criteria e examined ea	and the Safe (g) (6) (ii) (I conditions s alified inspo- ation shall b ion of borat omponents. Is "no evide ch refueling	P-End to Pipe well E), all licensees of pecified in paragnation actor per the requiration e qualified as VT ed water leakage ance of borated woutage.	d.) f PWRs shall augment i raphs (g) (6) (ii) (E) 2 th irements of applicable i -2 visual examiners and from alloy 600/82/182 o rater leakage."	ed on piping that branches off of "A" their ISI program implementing rough 4. tem numbers listed in Table 1 of shall have completed a minimum of components and the resulting boric Nuclear Technical Services Division.
O1.B15.210.0002	1-50-4-125		0 10 00000 <u></u>						
Dissimilar	Class 1 50	1-50-4(3) OM 201-0181 OM 201-0738	NDE-68	VT-2	SS-Inconel		1.187 / 1.000		-
			Pipe to Safe E	Ind					
			1 inch HL SB- Hot Leg.	166 Pressu	re Tap SE to C	S Nozzle w	eld and SS pipe v	weld. This weld is locate	ed on piping that branches off of "A"

0-4	Component II Class / Syster		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID
Category AUG									
O1.B15.210.0003	1RC-273-143V Class 1 50	/ 1RC-273	NDE-68	VT-2	SS-Inconel		4 497 / 4 000		
		OM 201-0181	NDE-00	V1-2	55-Inconei		1.187 / 1.000		
Dissimilar		OM 201-0738							
			Pipe to Safe I	End					
O1.B15.210.0004	1-50-4-143	<u> </u>	Hot Leg. (Examine the Per the requir ASME Code (Bare Metal Vi Code Case N Personnel per four hours of a acid corrosion Procedure NE This B15.210	Nozzle to S ements of 1 Case N-722 sual Inspec -722. forming the additional tri of adjacen DE 68, Acce item is to b	afe-End weld a 0 CFR 50.55a subject to the tion by VT-2 qu visual examin aining in detec t ferritic steel ptance Criteria e examined ea	and the Safe (g) (6) (ii) (f conditions s alified inspe- ation of borat omponents. is "no evide ch refueling	End to Pipe well b), all licensees of pecified in paragri- sector per the requi- re qualified as VT- ed water leakage ence of borated wo outage.	d.) f PWRs shall augment aphs (g) (6) (ii) (E) 2 th irements of applicable i -2 visual examiners and from alloy 600/82/182 i ater leakage."	ed on piping that branches off of "B" their ISI program implementing rough 4. item numbers listed in Table 1 of d shall have completed a minimum of components and the resulting boric
	Class 1 50	1-50-4(1) OM 201-0181	NDE-68	VT-2	SS-Inconel		0.250 / 1.000		
Dissimilar		OM 201-0738							
			Pipe to Safe E	End					

	(1-50-4(1) OM 201-0181 OM 201-0738	(Examine the This weld is to Per the requir	SB-166 Fl Nozzle to S ocated on pi	afe-End weld a		0.250 / 1.000		
Clas	iss 1 50 °	OM 201-0181	Pipe to Safe f 3/4 inch ID HI (Examine the This weld is ik Per the requir	End L SB-166 Fl Nozzle to S pocated on pi	owmeter Noz S afe-End weld a				
Dissimilar			3/4 inch ID HI (Examine the This weld is to Per the requir	SB-166 Fl Nozzle to S ocated on pi	afe-End weld a				
			3/4 inch ID HI (Examine the This weld is to Per the requir	SB-166 Fl Nozzle to S ocated on pi	afe-End weld a				
		1	Code Case N Personnel per four hours of a acid corrosion Procedure NE This B15.210	Case N-722 sual Inspect -722. forming the additional tra- of adjacent DE 68, Acce item is to be	0 CFR 50.55a subject to the tion by VT-2 qu visual examin- aining in detect t ferritic steel c ptance Criteria e examined ea	hes off of "/ (g) (6) (ii) (f conditions s alified Inspe- ation shall b tion of borat components. is "no evide ch refueling	E), all licensees of specified in paragr actor per the required as VT- red water leakage ance of borated wa outage.	1.) PWRs shall augment (aphs (g) (6) (ii) (E) 2 th rements of applicable i 2 visual examiners and from alloy 600/82/182 o ater leakage."	their ISI program implementing rough 4. tem numbers listed in Table 1 of I shall have completed a minimum of components and the resulting boric Nuclear Technical Services Division.
		1-50-4(3) OM 201-0181	NDE-68	VT-2	SS-Inconel		0.250 / 1.000		
Dissimilar		OM 201-0738							
			Pipe to Safe I	End					
			(Examine the This weld is lo Per the requir ASME Code (Bare Metal Vi Code Case N Personnel per four hours of a acid corroslor Procedure NE This B15.210	Nozzle to S pocated on pi ements of 1 Case N-722 sual Inspect -722. forming the additional tra of adjacem DE 68, Acce item is to b	afe-End weld a ping that branc 0 CFR 50.55a subject to the tion by VT-2 qu visual examin aining in detect t ferritic steel c ptance Criteria e examined ea	nd the Safe hes off of "/ (g) (6) (ii) (i conditions s alified inspo- ation shall b ion of borat is "no evide ch refueling	E), all licensees of specified in paragr actor per the requi be qualified as VT- red water leakage ence of borated wa outage.	i.) PWRs shall augment if aphs (g) (6) (ii) (E) 2 th rements of applicable i 2 visual examiners and from alloy 600/82/182 o ater leakage."	their ISI program implementing rough 4. tem numbers listed in Table 1 of I shall have completed a minimum of components and the resulting boric Nuclear Technical Services Division.

Oconee 1, 4th interval, outage 5 (EOC-26)

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	Component ID Class / System		Procedure Description Comments	insp Req	Materiai	Sched	Thick/NPS	Cal Blocks	Componenet ID
Category AUG			. <u></u>						
O1.B15.210.0007	1-50-4-44A	- H. A. BIRDING			***********		• · · · · · · · · · · · · · · · · · · ·		
Dissimilar	Class 1 50	1-50-4(1) OM 201-0181 OM 201-0738	NDE-68	VT-2	SS-Inconel		0.250 / 1.000		
			Pipe to Safe	End					
			(Examine the This weld is la Per the requina ASME Code Bare Metal V Code Case N Personnel pe four hours of acid corrosion Procedure NI This B15.210	Nozzle to S pocated on p rements of 7 Case N-722 isual Inspect I-722. rforming the additional tr n of adjacem DE 68, Acce item is to b	Safe-End weld a iping that brand 10 CFR 50.55a subject to the titon by VT-2 qu visual examina aining in detect t ferritic steel optance Criteria e examined ea	nd the Safe hes off of " (g) (6) (ii) (i conditions s alified insp ation shall t ion of borat omponents is "no evide ch refueling	E), all licensees o specified in parag actor per the requ be qualified as VT ad water leakage ence of borated w outage.	d.) f PWRs shall augment raphs (g) (6) (ii) (E) 2 th irements of applicable -2 visual examiners an from alloy 600/82/182 rater leakage."	their ISI program implementing hrough 4. item numbers listed in Table 1 of d shall have completed a minimum of components and the resulting boric n, Nuclear Technical Services Division.
O1.B15.210.0008	1-50-4-150		-						
Dissimilar	Class 1 50	1-50-4(1) OM 201-0181 OM 201-0738	NDE-68	VT-2	SS-Inconel		0.250 / 1.000		
Dissimilar			Pipe to Safe	End					
			3/4 inch ID H (Examine the				zzle weld and SS		

Oconee 1, 4th interval, outage 5 (EOC-26)

Summary Num	Component ID Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG							· *****		
O1.B15.210.0009	1-PHA-13 Class 1 50	ISI-OCN1-005 OM-201-2296	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		
Dissimilar		OM 201-0181	Pipe to Pipe						
			RTE Mounting Hot Leg (Piec Per the requir ASME Code (Bare Metal Vi Code Case N Personnel per four hours of acid corrosion Procedure NE This B15.210	e 7) to RTE ements of 1 Case N-722 sual Inspec -722. forming the additional tr of adjacen DE 68, Acce item is to b	Mounting Bos 0 CFR 50.55a subject to the tion by VT-2 qu visual examin alning in detec t ferritic steel o ptance Criteria e examined ea	s (plece 12) (g) (6) (ii) (conditions s ation shall t tion of boral omponents is "no evid ch refueling	E), all licensees o specified in parag ector per the requ be qualified as VT red water leakage ence of borated w outage.	of PWRs shall augment raphs (g) (6) (ii) (E) 2 th irements of applicable -2 visual examiners and from alloy 600/82/182 vater leakage."	their ISI program implementing hrough 4. item numbers listed in Table 1 of d shall have completed a minimum of components and the resulting boric a, Nuclear Technical Services Division.
O1.B15.210.0010 Dissimilar	1-PHA-14 Class 1 50	ISI-OCN1-005 OM-201-2296 OM 201-0181	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		-
Dissimilar		011201-0101	Pipe to Pipe						
			RTE Mounting Hot Leg (Piec Per the requir ASME Code (Bare Metal Vi Code Case N Personnel per four hours of acid corrosion Procedure NE This B15,210	e 7) to RTE ements of 1 Case N-722 sual Inspec -722. forming the additional tr of adjacen DE 68, Acce item is to b	Mounting Bos 0 CFR 50.55a subject to the tion by VT-2 qu visual examin aining in detec t ferritic steel c ptance Criteria e examined ea	s (piece 12) (g) (6) (ii) (i conditions s alified insp ation shall t tion of borat omponents Is "no evid ch refueling	E), all licensees o specified in parag actor per the requ be qualified as VT ted water leakage ence of borated w outage.	of PWRs shall augment raphs (g) (6) (ii) (E) 2 th irrements of applicable -2 visual examiners and from alloy 600/82/182 vater leakage."	their ISI program implementing hrough 4. item numbers listed in Table 1 of d shall have completed a minimum of components and the resulting boric n, Nuclear Technical Services Division.

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID
Category AUG									
O1.B15.210.0011		ISI-OCN1-005 OM-201-2296	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		
Dissimilar		OM 201-0181	Pipe to Pipe						
			Hot Leg (Piec Per the requir ASME Code (Bare Metal Vi Code Case N Personnel pe four hours of acid corrosion Procedure NI This B15.210	e 7) to RTE rements of 1 Case N-722 sual Inspec -722. rforming the additional tro of adjacen DE 68, Acces item is to b	Mounting Bos 0 CFR 50.55a subject to the tion by VT-2 qu visual examin aining in detec t ferntic steel c plance Criteria e examined ea	s (piece 12) (g) (6) (ii) (i conditions s ialified insp ation shall t tion of borat omponents is "no evide ch refueling	E), all licensees o specified in parag ector per the requ be qualified as VT ted water leakage ence of borated w outage.	f PWRs shall augment t raphs (g) (6) (ii) (E) 2 thr irements of applicable it -2 visual examiners and from alloy 600/82/182 o rater leakage."	their ISI program implementing rough 4. tem numbers listed in Table 1 of shall have completed a minimum of components and the resulting boric Nuclear Technical Services Division.
O1.B15.210.0012	1-PHB-13								
		ISI-OCN1-006 OM-201-2296	NDE-68	VT-2	CS-inconel		2.875 / 9.000		
Dissimilar		OM 201-0181							
			Hot Leg (Piec Per the requir ASME Code Bare Metal Vi Code Case N Personnel pe four hours of acid corroslor	e 7) to RTE rements of 1 Case N-722 sual Inspec -722. forming the additional tr o of adjacen	Mounting Bos 0 CFR 50.55a subject to the tion by VT-2 qu visual examin aining in detect t ferritic steel c	s (plece 12) (g) (6) (ii) (l conditions s ialified insp ation shall t tion of borat omponents	E), all licensees o specified in parag ector per the requ be qualified as VT ted water leakage	f PWRs shall augment t raphs (g) (6) (ii) (E) 2 thr irements of applicable it -2 visual examiners and from alloy 600/82/182 c	their ISI program implementing rough 4. tem numbers listed in Table 1 of I shall have completed a minimum of components and the resulting boric

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Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG									
O1.B15.210.0013		ISI-OCN1-006 OM-201-2296	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		-
Dissimilar		OM 201-0181	Pipe to Pipe						
			Hot Leg (Piec Per the requir ASME Code (Bare Metal Vi Code Case N Personnel pe four hours of acid corrosion Procedure NE This B15.210	e 7) to RTE ements of 1 Case N-722 sual Inspec -722. forming the additional tra of adjacen DE 68, Acce item is to b	Mounting Bos: 0 CFR 50.55a subject to the tion by VT-2 qu visual examina alning in detect t ferritic steel c ptance Criteria e examined ea	(piece 12) (g) (6) (ii) (l conditions s alified inspo- tion shall b tion of borat pomponents. is "no evide ch refueling	 all licensees o specified in parag- actor per the required as VT ed water leakage ence of borated w outage. 	f PWRs shall augment raphs (g) (6) (ii) (E) 2 th irements of applicable i -2 visual examiners and from alloy 600/82/182 rater leakage."	their ISI program implementing rough 4. Item numbers listed in Table 1 of I shall have completed a minimum of components and the resulting boric Nuclear Technical Services Division.
O1.B15.210.0014	1-PHB-15								
		ISI-OCN1-006 OM-201-2296	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		· · · ·
Dissimilar		OM 201-0181							
			Pipe to Pipe						
			Hot Leg (Piec Per the requir	e 7) to RTE ements of 1	Mounting Bos	; (piece 12) (g) (6) (ii) (E	E), all licensees o	f PWRs shall augment	their ISI program implementing

Oconee 1, 4th Interval, outage 5 (EOC-26)

O1.B15.210.0015		27 OM-201-0351.001 O-ISIN4-100A-1,1	NDE-68	<u> </u>					
	Class 1 50	OM-201-0351.001	NDE-68						
		OM-201-0181.001		VT-2	CS-Inconel				-
			RTE Hot Leg	Thermal W	ell		•		
			Abandoned R Per the require ASME Code of Bare Metal VI Code Case N Personnel pe four hours of acid corrosion Procedure NI This B15.210	TE Therma rements of 1 Case N-722 sual Inspec -722. rforming the additional tr of adjacen DE 68, Acce Item is to b	I Well Connec 10 CFR 50.55a 2 subject to the stion by VT-2 q e visual examin alning in detect t ferritic steel of sptance Criteria e examined es	tion (g) (6) (ii) (l conditions s ualified inspo- tation shall b toomponents. a is "no evide cch refueling	E), all licensees of pecified in parag actor per the requ e qualified as VT ed water leakage ance of borated v outage.	of PWRs shall augment is raphs (g) (6) (ii) (E) 2 th irrements of applicable i -2 visual examiners and from alloy 600/82/182 of rater leakage."	on drawing OM-201-0181.001 their ISI program implementing rough 4. item numbers listed in Table 1 of d shall have completed a minimum of components and the resulting boric
O1.B15.210.0016	1SGB-HL-CON-	36							
		OM-201-0351.001	NDE-68	VT-2	CS-Inconel				-
Dissimilar		O-ISIN4-100A-1.1 OM-201-0181.001							
			RTE Hot Leg	Thermal W	ell				
			Abandoned R Per the requir ASME Code (Bare Metal Vi Code Case N Personnel pe four hours of acid corrosior Procedure NE This B15.210	TE Therma rements of 1 Case N-722 sual Inspect- -722. rforming the additional tr of adjacen DE 68, Acce item is to b	I Well Connec CCFR 50.55a subject to the tion by VT-2 q e visual examin aining in detect t ferritic steel of optance Criteria e examined ea	tion (g) (6) (ii) (f conditions s ualified Inspe- tion of borat components. a Is "no evide cch refueling	E), all licensees of pecified in parag actor per the requ e qualified as VT ed water leakage ance of borated w outage.	f PWRs shall augment (raphs (g) (6) (ii) (E) 2 th irements of applicable i -2 visual examiners and from alloy 600/82/182 (vater leakage."	on drawing OM-201-0181.001 their ISI program implementing rough 4. item numbers listed in Table 1 of d shall have completed a minimum of components and the resulting boric , Nuclear Technical Services Division.
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Oconee 1, 4th Interval, outage 5 (EOC-26)

Category AUG O1.B15.215.0010 1-PDA2-2 Class 1 50 ISI-OCN1-012 D-ISINA-100A-1.1 NDE-68 VT-2 SS-CS 2.330 / 33.500 Dissimilar OM-201-1844 Safe End to Ellow Reactor Coolant Pump 1A2 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CFR 80.556 (0) (6) (0) (E), all licensees of PWRs thail augment their ISI program implementing ASME Code Case N-722 aubject to the conditions specified in paragraphs (a) (6) (ii) (E) 2 through 4. Bare Metal Visual inspection by VT-2 qualified anspector per the requirements of splitaceate tem numbers listed in Table 1 of Code Case O1.B15.215.0011 1-PDB1-2 Class 1 50 ISI-OCN1-013 O-ISIN+100A-1.1 NDE-68 VT-2 SS-CS 2.330 / 33.500 O1.B15.215.0011 1-PDB1-2 Class 1 50 ISI-OCN1-013 O-ISIN+100A-1.1 NDE-68 VT-2 SS-CS 2.330 / 33.500 O1.B15.215.0011 1-PDB1-2 Class 1 50 ISI-OCN1-013 O-ISIN+100A-1.1 NDE-68 VT-2 SS-CS 2.330 / 33.500 Dissimilar OM-201-1845 NDE-68 VT-2 SS-CS 2.330 / 33.500 Dissimilar OM-201-1845 NDE-68 VT-2 SS-CS 2.330 / 33.500 Dissimilar OM-201-1845 Safe End to Elbow Reactor Coolant Pump 1B1 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the	Summary Num	Component ID Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	·	Componenet ID 2
Class 1 50 ISI-OCN1-012 O-ISIN4-100A-1.1 OM-201-1844 NDE-68 VT-2 SS-CS 2.330 / 33.500 Dissimilar Stress Weid OM-201-1844 State End to Elbow Reactor Coolant Pump 1A2 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CFR 80.555 (q) (6) (0) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722. Per the requirements of 10 CFR 80.555 (q) (6) (0) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional information, contact Chris Cruz from the Meterials and NDE Services Section, Nuclear Technical Services Division. O1.B15.215.0011 1-PDB1-2 Class 1 50 ISI-OCN1-013 O-ISIN4-100A-1.1 OM-201-1845 Stress Weid Safe End to Elbow Reactor Coolant Pump 181 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per seditional information, contact Chris Cruz from the Meterials and NDE Services Section, Nuclear Technical Services Division. O1.B15.215.0011 1-PDB1-2 Class 1 50 NDE-68 VT-2 SS-CS 2.330 / 33.500 O-ISIN4-1003 O-ISIN4-1004 Safe End to Elbow Reactor Coolant Pump 191 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per requirements of 10 CFR 50.553 (q) (0) ((E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (q) (i) (i) (i) (E) 2 through 4. Bare Metal Visu	Category AUG		14/10.0								
Stress Weid Safe End to Elbow Reactor Coolant Pump 1A2 Discharge Piping. Safe End Pc. 213 to 13 Dagree Elbow Pc. 212. Per the requirements of 10 CFR 60.55a (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subjects to the conditions specified in paragraphs (g) (6) (iii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable ite mumbers listed in Table 1 of Code Case N-722. Per sonnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corresion of additional training in detection of borated water leakage." This tiem is to be examined once per interval. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." This tiem is to be examined once per interval. For additional training on contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B15.215.0011 1-PDB1-2 Class 1 50 ISI-OCN1-013 0-ISIN4-100A-1.1 Dissimilar NDE-68 VT-2 SS-CS 2.330 / 33.500 Safe End to Elbow Reactor Coolant Pump 181 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CFR 50.554 (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 valiated inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722 usubject to the conditions specified in paragraphs (g)	O1.B15.215.0010	· · · - ·		NDE-68	VT-2	SS-CS		2.330 / 33.500			
Reactor Coolant Pump 1A2 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CPR 50.556 (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspector by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borsted water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Chiefta Is "no evidence of borsted water leakage." This item is to be examined once per interval. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B15.215.0011 1-PDB1-2 Class 1 50 ISI-OCN1-013 OH-201-1845 Stress Weid Safe End to Elbow Reactor Coolant Pump 181 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CFR 50.558 (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722. Per the requirements of 10 CFR 50.558 (g) (8) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722. Personnel performing			OM-201-1844								
Per the requirements of 10 CFR 50.55s (g) (ë) (li) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (s) (li) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified in spector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." This item is to be examined once per interval. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.815.215.0011 1-PDB1-2 Class 1 50 ISI-OCN1-013 0-ISIN4-100A-1.1 Dissimilar OM-201-1845 Stress Weid Safe End to Elbow Reactor Coolant Pump 1B1 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CFR 50.55s (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspecton by VT-2 qualified in spacerpane, 10 (j) 21 words 4. Bare Metal Visual Inspecton by VT-2 qualified in spacerpane, 10 (j) (2) 2 through 4. Bare Metal Visual Inspecton by VT-2 qualified in spacerpane, 10 (j) (2) to trough 4. Bare Metal Visual Inspecton by VT-2 qualified in paragraphs (g) (6) (ii) (2) 2 through 4. Bare Metal Visual Inspecton by VT-2 qualified in spacerpane, 10 (j) (2) to trough 4. Bare Metal Visual Inspecton by VT-2 qualified in paragraphs (g) (6) (ii) (2) 2 through 4. Bare Metal Visual Inspecton by VT-2 qualified in spector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visu				Safe End to E	lbow						
Class 1 50 ISI-OCN1-013 O-ISIN4-100A-1.1 OM-201-1845 NDE-68 VT-2 SS-CS 2.330 / 33.500 - Dissimilar OM-201-1845 Stress Weld Safe End to Elbow Safe End to Elbow Safe End to Elbow Stress Weld Safe End to Elbow Reactor Coolant Pump 1B1 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CFR 50.55a (g) (6) (ii) (E), all licenses of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." This item is to be examined once per interval.				Per the requir ASME Code (Bare Metal Vi Code Case Personnel pe four hours of acid corrosion Procedure NI This item is to	ements of 10 Case N-722 s sual Inspecti N-722. forming the additional tra of adjacent DE 68, Accep o be examine	CFR 50.55a subject to the on by VT-2 q visual examin ining in detect ferritic steel of tance Criteria d once per in	55e (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. -2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of imination shall be qualified as VT-2 visual examiners and shall have completed a minimum of etection of borated water leakage from alloy 600/82/182 components and the resulting boric sel components. teria is "no evidence of borated water leakage."				
O-ISIN4-100A-1.1 Dissimilar OM-201-1845 Stress Weld Safe End to Elbow Reactor Coolant Pump 1B1 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CFR 50.55a (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." This item is to be examined once per interval.	O1.B15.215.0011										
Dissimilar OM-201-1845 Stress Weld OM-201-1845 Composition of the test of test of the test of the test of test of the test of test of the test of test		Class 1 50		NDE-68	VT-2	SS-CS		2.330 / 33.500			••••
Reactor Coolant Pump 1B1 Discharge Piping. Safe End Pc. 213 to 13 Degree Elbow Pc. 212. Per the requirements of 10 CFR 50.55a (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." This item is to be examined once per Interval.											
Per the requirements of 10 CFR 50.55a (g) (Ĝ) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage."				Safe End to E	lbow						
				Per the requir ASME Code (Bare Metal Vi Code Case Personnel pe four hours of acid corrosion Procedure NL This item is to	ements of 10 Case N-722 s sual inspecti N-722. forming the additional tra of adjacent DE 68, Accep be examine	CFR 50.55a subject to the on by VT-2 q visual examin ining in detect ferritic steel of tance Criteria d once per in	(g) (6) (ii) (conditions ualified insp ation shall t tion of bora components i is "no evid terval.	E), all licensees o specified in parag ector per the requ pe qualified as VT ted water leakage ence of borated w	f PWRs shall augme raphs (g) (6) (ii) (E) 2 irrements of applicat -2 visual examiners from alloy 600/82/15 vater leakage."	ent their ISI progr 2 through 4. ele item numbers and shall have co 82 components a	listed in Table 1 of ompleted a minimum of and the resulting boric

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	Component ID Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG						wa sa tumo tumo	denander "all the sumer and the	and investige of a second statements and a second	
O1.B15.215.0012	1-PDB2-2								
Dissimilar Stress Weld	Class 1 50	ISI-OCN1-014 O-ISIN4-100A-1.1 OM-201-1844	NDE-68	VT-2	SS-CS		2.330 / 33.500		-
			Safe End to E	Elbow					
			Per the require ASME Code Bare Metal Vi Code Case Personnel pe four hours of acid corrosion Procedure NI This item is to	rements of 10 Case N-722 s isual Inspecti N-722. rforming the additional tra of adjacent DE 68, Accept o be examine) CFR 50.55a subject to the ion by VT-2 qu visual examin ining in detec ferritic steel c brance Criteria d once per in	(g) (6) (ii) (conditions ualified insp ation shall t tion of bora omponents is "no evid terval.	E), all licensees of specified in paragi ector per the requine ted water leakage ence of borated w	aphs (g) (6) (ii) (E) 2 th irements of applicable i -2 visual examiners and from alloy 600/82/182 o ater leakage."	their ISI program implementing
O1.B15.215.0015	1-PDA1-11						<u>,</u>	······································	
	Class 1 51A	ISI OCN1-011 OM-201-597	NDE-68	VT-2	SS-Inconel		0.750 / 3.500		-
Dissimilar									
			Nozzle to Saf						
			1A1 Make-Up Per the require	Nozzle Pc. 4 rements of 10	46 to Safe En) CFR 50.55a subject to the	d Pc. 47. (g) (6) (ii) (E), all licensees of	PWRs shall augment	their ISI program implementing

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Oconee 1, 4th Interval, outage 5 (EOC-26)

	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG									
O1.B15.215.0016	1-PDA2-11		1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -						
	Class 1 51A	ISI OCN1-012 OM-201-597	NDE-68	VT-2	CS-SS		0.750 / 3.500		
Dissimilar									
			Nozzle to Sat	e End					
			ASME Code Bare Metal V Code Case Personnel pe four hours of acid corrosion Procedure NI This item is to For additional	Case N-722 : isual Inspect N-722. rforming the additional tra of adjacent DE 68, Accept o be examined i information, as moved from	subject to the on by VT-2 qu visual examin ining in detec ferritic steel c otance Criteria d once per ini contact Chris m EOC27 to E	conditions s alified inspe- ation shall b ion of borat omponents. is "no evide erval. Cruz from t OC-26 per	specified in parag ector per the requ equalified as VT ed water leakage ence of borated w the Materials and request from Max	raphs (g) (6) (ii) (E) 2 th irements of applicable -2 visual examiners and from alloy 600/82/182 ater leakage." NDE Services Section	their ISI program implementing rrough 4. item numbers listed in Table 1 of d shall have completed a minimum of components and the resulting boric . Nuclear Technical Services Division. is Cruz was in agreement with the
O1.B15.215.0017	1-50-4-115								
	Class 1 50	1-50-4(3)	NDE-68	VT-2	SS-Inconel		0.250 / 1.000		
Dissimilar									
			Pipe to Safe I						ng off of Pump 1A1 Suction piping.

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID
Category AUG		n man anna anna a saona a saona a saona a saona anna a saona anna a saona anna an							
O1.B15.215.0019	1-PIA1-11 Class 1 50	ISI-OCN1-007 O-ISIN4-100A-1.1	NDE-68	VT-2	CS-Inconel		0.816 / 3.500		
Dissimilar Stress Weld		OM-201-1870							
			Nozzle to Sat	fe End					
			Per the require ASME Code Bare Metal V Code Case Personnel pe four hours of acid corrosion Procedure NI This item is to	rements of 1 Case N-722 isual Inspec N-722. rforming the additional tr n of adjacen DE 68, Acce o be examin	10 CFR 50.55a subject to the tion by VT-2 qu e visual examin aining in detec t ferritic steel c ptance Criteria ed once per ini	(g) (6) (ii) (conditions alified insp ation shall I ion of bora omponents is "no evid erval.	specified in parag ector per the requ be qualified as VT ted water leakage ence of borated w	of PWRs shall augment raphs (g) (6) (ii) (E) 2 ti uirements of applicable 7-2 visual examiners an 6 from alloy 600/82/182 vater leakage."	item numbers listed in Table 1 of Id shall have completed a minimum of components and the resulting boric
			For additiona	Information	, contact Chris	Cruz from	the Materials and	NDE Services Section	n, Nuclear Technical Services Division.
O1.B15.215.0020 Dissimilar	1-50-01-34 Class 1 50	1-50-01(1) O-ISIN4-100A-1.1 ISI-OCN1-007	NDE-68	VT-2	SS-Inconel		0.281 / 1.500		
Stress Weld			Safe End to E	Ibou					
			Reactor Cool Suction Pipin Per the requir ASME Code Bare Metal Vi Code Case Personnel pe four hours of acid corrosion Procedure NU This item is to	ant Pump 1/ g. Safe Enc rements of 1 Case N-722 isual Inspec N-722. rforming the additional tr of adjacen DE 68, Acce o be examin	d Pc. 65 to Elbo 0 CFR 50.55a subject to the tion by VT-2 qu visual examin aining in detec t ferritic steel c ptance Criteria ed once per init	(g) (6) (ii) (i conditions : alified insp ation shall t ion of bora omponents is "no evid erval.	pecified in parag ector per the requ be qualified as VT red water leakage ence of borated w	raphs (g) (6) (ii) (Ē) 2 ti lirements of applicable 2-2 visual examiners an 6 from alloy 600/82/182 vater leakage."	item numbers listed in Table 1 of d shall have completed a minimum of components and the resulting boric
		,	This item is to	o be examin	ed once per ini	erval.		-	n, Nuclear Technical Services Divi

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component II Class / Syster		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG			He make the taken a second to be a Specie Species		<u></u>	· . Journal - bureau - su			
O1.B15.215.0021	1-PIA2-11 Class 1 50	ISI-OCN1-008 O-ISIN4-100A-1.1	NDE-68	VT-2	CS-Inconel		0.816 / 3.500		
Dissimilar Stress Weld		OM-201-1870							
			Nozzle to Sat	e End					
			Per the require ASME Code of Bare Metal Vi Code Case Personnel pe four hours of acid corrosion Procedure NI This item is to	ements of 1 Case N-722 sual Inspec N-722. Informing the additional tr of adjacen DE 68, Acce o be examin	0 CFR 50.55a subject to the tion by VT-2 q visual examin aining in detect t ferritic steel o ptance Criteria ed once per in	(g) (6) (II) (conditions ualified insp ation shall I tion of bora components i is "no evid terval.	specified in parag ector per the required be qualified as V1 ted water leakage ence of borated v	of PWRs shall augmen praphs (g) (6) (ii) (E) 2 t ulrements of applicable F-2 visual examiners an a from alloy 600/82/182 vater leakage."	at their ISI program implementing through 4. a item numbers listed in Table 1 of nd shall have completed a minimum of 2 components and the resulting boric n, Nuclear Technical Services Division,
O1.B15.215.0022	1-50-01-21								
	Class 1 50	1-50-01(1) O-ISIN4-100A-1.1	NDE-68	VT-2	SS-Inconel		0.281 / 1.500		
Dissimilar Stress Weld		ISI-OCN1-008							
			Safe End to E	lbow					
			Per the requir ASME Code (Bare Metal Vi Code Case Personnel pe four hours of acid corroslor Procedure NI This item is te	g. Safe End ements of 1 Case N-722 sual Inspec N-722. rforming the additional tr of adjacen DE 68, Acce o be examin	I Pc. 65 to Elb 0 CFR 50.55a subject to the tion by VT-2 q visual examin aining in detect t ferritic steel c ptance Criteria ed once per in	(g) (6) (ii) (conditions ualified insp ation shall I tion of bora components a is "no evid terval.	specified in parag ector per the required as V1 ted water leakage - ence of borated v	praphs (g) (6) (ii) (E) 2 t uirements of applicable F-2 visual examiners a e from alloy 600/82/182 vater leakage."	t their ISI program implementing through 4. a item numbers listed in Table 1 of nd shall have completed a minimum of 2 components and the resulting boric n, Nuclear Technical Services Division.
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Category AUG O1.B15.215.00.29 I-PIB1-12 Class 1 50 ISI-OCN1-009 0M-201-1845 NDE-68 VT-2 CS-Inconel 2.250 / 8.750 - Dissimilar Salvaged Pipe to Pipe RTE Mounting Pipe (Piecce 59 to Piece 215). This weld is located at the Z-W Quadrant on Pump 181 Suction Piping. Per the requirements of 10 CFR 50.56a (g) (6) (11) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (11) (E) Z through 4. Bare Meal Visual inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case O1.B15.20.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NV NA RPV Bottom Head BMI Nozzles Port anditional practing on decide on the coast of the BMI Nozzles NV NA - RPV Bottom Head BMI Nozzles Port anditional straining on decide or of the equirements of 0 Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (11) (E) 2 through 4. Bare Meal Visual inspection by VT-2 qualified inspector of the requirements of the State Components. Procedure NDE 68, Acceptance Citrate is 15 or orbitad water leakage.* O1.B15.20.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 NU yee Simplement their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (11) (E) 2 through 4. Bare Meal Visual inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N	O1.815.215.0029 1-PIB1-12 Class 1 50 ISI-OCN1-009 OM-201-1845 NDE-68 VT-2 CS-Inconel 2.250 / 8.750 - Dissimilar Salvaged Pipe to Pipe RTE Mounting Pipe (Piecce 58 to Piece 215). This weld is located at the Z-W Quadrant on Pump 1B1 Suction Piping. Per the requirements of 10 CFR 50.568 (g) (6) (iii) (C1) All licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722. Valified Inspector per the requirements of applicable litem numbers listed in Table 1 of Code Case N-722. Bare Metal Visual Inspection by VT-2 qualified Inspector per the requirements of applicable litem numbers listed in Table 1 of Code Case N-722. O1.815.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NJ NA - O1.815.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NJ NA - O1.815.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NJ NA - PEr dot Case N-722 subject to the conditions specified in paragraphs (g) (G) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified Inspector of the BMI Nozzles Per the requirements of Code Case N-722. (item Number B15.80). - O1.815.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NJ NA - OIS Bilfiens as to be eaximi	Summary Num	Component II Class / Systen		Procedure Description Comments	insp Req	Materiai	Sched	Thick/NPS	Cal Blocks	Componenet l	D 2
Class 1 50 ISI-OCN1-009 OM-201-1845 NDE-68 VT-2 CS-Inconel 2.250 / 8.750 - Dissimilar Salvaged Pipe to Pipe RTE Mounting Pipe (Piecce 58 to Piece 215). This weld is located at the Z-W Quadrant on Pump 1B1 Suction Piping. Per the requirements of 10 CFR 50.558 (Q) (6) (ii) (E), all licensees of PWRs shall augment their ISI program Implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (Q) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified Inspector per the requirements of applicable item numbers listed in Table 1 of Code Case O1.B15.80.0001 1-RPV-BMI-NOZZLES Class 1 50 NDE-69 Alloy 600/SS NA/ NA O1.B15.80.0001 1-RPV-BMI-NOZZLES Class 1 50 NDE-69 Alloy 600/SS NA/ NA - Per the requirements of 10 CFR 60.558(Q)(6)(ii)(E), all licensees of PWRs shall sugment their ISI program Implementing ASME Code Case N-722. Subject to the conditions specified in paragraphs (Q) (B) (iii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional Information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B15.80.0001 1-RPV-BMI-NOZZLES Class 1 50 NDE-69 Alloy 600/SS NA/ NA - B16.80 Items, have metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles Per the requirements of 10 CFR 60.563(Q) (0) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified in paragraphs (Q) (B) (Class 1 50 ISI-OCN1-009 OM-201-1845 NDE-68 VT-2 CS-Incorel 2.250 / 8.750 - Dissimilar Salvaged Pipe to Pipe RTE Mounting Pipe (Piecce 58 to Piece 215). This weld is located at the Z-W Quadrant on Pump 1B1 Suction Piping. Per the requirements of 10 CFR 60.556 (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable tiem numbers listed in Table 1 of Code Case O1.815.80.0001 1-RPV-BMI-NOZZLES Class 1 NDE-68 Aloy 600/SS NA NA O1.815.80.0001 1-RPV-BMI-NOZZLES Class 1 NDE-69 Aloy 600/SS NA/ NA - O1.815.80.0001 1-RPV-BMI-NOZZLES Class 1 NDE-69 Aloy 600/SS NA/ NA - Dissimilar RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 60.563(g)(b)(i)(E), all licensees of PWRs shall augment their ISI program Implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (b) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles ber the requirements of Code Case N-722. (Item Number 815.80). - Per the requirements of 10 CFR 60.563(g)(b)(i)(E), all licensees of PWRs shall augment their ISI program Implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (b)((i) (E) 2 through 4. Bare Metal Visual Inspection by VT	<u></u>								anne e stati e santa agente e salan e e e e e e e e e e e e e e e e e e e		
Salvaged Pipe to Pipe RTE Mounting Pipe (Piece 58 to Piece 215). This weld is located at the Z-W Quadrant on Pump 181 Suction Piping. Per the requirements of 10 CFR 50.558 (g) (6) (ii) ((E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 ubject to the conditions specified in paragraphs (g) (6) (iii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable licen numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage." This item is to be examined once per interval. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B15.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NA/ NA RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.556(g)(%)(i)(E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 ubject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.60 Items, bare metal visual examinations are on the reactor vessel bottom head, bottom mounted instrument nozzles and alloy 600 tarantion weld between the alloy 600 tabe and the stainless steel tube. B15.80 Items, bare metal visual examined on stain guide as VT-2 visual examiners on shall have completed a minimum of four hours of additional information; contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services and alloy 600 tarantion weld between the alloy 600 tabe and the stainless steel tube. B15.80 Items, bare metal visual examined onery other refueling outage from the staind fabe. Personnel performing the visual examined o	Salvaged Pipe to Pipe RTE Mounting Pipe (Piecce 58 to Piece 216). This weld is located at the Z-W Quadrant on Pump 181 Suction Piping. Per the requirements of 10 CFR 50.558 (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferrities teel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." This item is to be examined once per interval. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B15.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O I-ISIN4-100A-1.1 NDE-89 Alloy 600/SS NA/ NA - Dissimilar RPV Bottom Heed BMI Nozzles Per the requirements of 10 CFR 50.563(g)(6)(ii)(E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions appecified in paragraphs (g) (6) (ii) (f) (2) through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number 158.00). B15.60 Items, and real visual examinations are on the reactor vessel bottom heed, bottom mounted instrument nozzles and aloy 600 transition weld between the aloy 60	O1.B15.215.0029			NDE-68	VT-2	CS-Inconel		2.250 / 8.750			•••
RTE Mounting Pipe (Piece 58 to Piece 215). This well is located at the Z-W Quadrant on Pump 1B1 Suction Piping. Per the requirements of 10 CFR 50.554 (g) (6) (f) ((f) 2), all licensees of PWRs shall augment their IS1 program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (fi) ((f) 2) through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B 15.80.0001 1-RPV-BMI-NOZZLES For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B 15.80.0001 1-RPV-BMI-NOZZLES RPV Bottom Head BMI Nozzles Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alioy 600/SS NA/ NA Dissimilar RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.55a(g)(6)(ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspector by VT-2 qualified inspector of the BMI Nozzles per the requirement nozzles and aloy 600 trans	RTE Mounting Pipe (Piecce 58 to Piece 215). This weld is located at the Z-W Quadrant on Pump 1B1 Suction Piping. Per the requirements of 10 CPR 60.558 (g) (0) (0) (0) (1) (E) all licensees of PVRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (0) (0) (1) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage.* Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage.* This item is to be examined once per interval. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B15.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alioy 600/SS NA NA Dissimilar RPV Botom Head BMI Nozzles Per the requirements of 10 CFR 50.563(g)(9)(i)(E), all licensees of PWRs shall augment their ISI program Implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (g) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number 515.80). B15.80.1000 YL 2000	Dissimilar										
Per the requirements of 10 CFR 50.55a (g) (6) (ii) (C), all licensees of PWRs shall augment their 15l program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (C) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." This item is to be examined once per Interval. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.815.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NA/ NA Dissimilar RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.556a(gX6)(ii)(E), all licensees of PWRs shall augment their ISI program Implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.80 items, hare metal Visual inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.80 items are to be examined every other refueling outage from the start date. Personnel performing the visual examinations are on the reactor vessel bottom head, bottom mounted instrument nozzles and alloy 600 (ransition weld between the alloy 600 (ube and the stainless steel tube. B15.80 items are to be examined every other refueling outage from the start date. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall	Per the requirements of 10 CFR 50.55a (g) (6) (II) (E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (II) (E) through 4. Bare Metal Visual Inspection by VT-2 qualified inspector per the requirements of applicable item numbers listed in Table 1 of Code Case N-722. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." This item is to be examined once per Intervat. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division. O1.B15.80.0001 1-RPV-BMI-NOZZLES Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NA/ NA - Dissimilar RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.55a(g)(\$)(i)(E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (i) (i) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.80 Items, bare metal visual examinations are on the reactor vessel bottom mounted instrument nozzles and a				Salvaged Pip	e to Pipe						
Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NA/ NA	Class 1 50 O-ISIN4-100A-1.1 NDE-69 Alloy 600/SS NA/ NA Dissimilar RPV Bottom Head BMI Nozzles RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.55a(g)(6)(ii)(E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.80 Items, bare metal visual examinations are on the reactor vessel bottom head, bottom mounted instrument nozzles and alloy 600 transition weld between the alloy 600 tube and the stainless steel tube. B15.80 Items are to be examined every other refueling outage from the start date. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68 in conjunction with MP/O/A/1150/030 should be used to perform the Bare Metal Visual Inspection. For additional Information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division.				Per the requi ASME Code Bare Metal V Code Case Personnel pe four hours of acid corrosion Procedure NI This item is to	rements of Case N-722 isual Inspec N-722. Informing the additional tr n of adjacen DE 68, Acce o be examin	10 CFR 50.65a 2 subject to the stion by VT-2 q e visual examin raining in detec th ferritic steel of sptance Criteria ped once per in	(g) (6) (ii) (conditions ualified insp ation shall t tion of bora components i is "no evid terval.	E), all licensees of specified in parag ector per the requine pe qualified as VT ted water leakage ence of borated w	of PWRs shall augmen raphs (g) (6) (ii) (E) 2 urements of applicable -2 visual examiners a ofrom alloy 600/82/18 vater leakage."	nt their ISI program implementing through 4. a item numbers listed in Table 1 of nd shall have completed a minimum o 2 components and the resulting boric	
Dissimilar RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.55a(g)(6)(ii)(E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.80 Items, bare metal visual examinations are on the reactor vessel bottom head, bottom mounted instrument nozzles and alloy 600 transition weld between the alloy 600 tube and the stainless steel tube. B15.80 Items are to be examined every other refueling outage from the start date. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, in conjunction with MP/O/A/1150/030 should be used to perform the Bare Metal Visual Inspection. For additional Information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division.	Dissimilar RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.55a(g)(6)(ii)(E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.80 items, bare metal visual examinations are on the reactor vessel bottom head, bottom mounted instrument nozzles and alloy 600 transition weld between the alloy 600 tube and the stainless steel tube. B15.80 items, bare metal visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage."	O1.B15.80.0001	1-RPV-BMI-NC	ZZLES						**** <u>*********************************</u>		
RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.55a(g)(6)(ii)(E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.80 items, bare metal visual examinations are on the reactor vessel bottom head, bottom mounted instrument nozzles and alloy 600 transition weld between the alloy 600 tube and the stainless steel tube. B15.80 items are to be examined every other refueling outage from the start date. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage." Procedure NDE 68 in conjunction with MP/O/A/1150/030 should be used to perform the Bare Metal Visual Inspection. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division.	RPV Bottom Head BMI Nozzles Per the requirements of 10 CFR 50.55a(g)(6)(ii)(E), all licensees of PWRs shall augment their ISI program implementing ASME Code Case N-722 subject to the conditions specified in paragraphs (g) (6) (ii) (E) 2 through 4. Bare Metal Visual Inspection by VT-2 qualified inspector of the BMI Nozzles per the requirements of Code Case N-722. (Item Number B15.80). B15.80 items, bare metal visual examinations are on the reactor vessel bottom head, bottom mounted instrument nozzles and alloy 600 transition weld between the alloy 600 tube and the stainless steel tube. B15.80 items are to be examined every other refueling outage from the start date. Personnel performing the visual examination shall be qualified as VT-2 visual examiners and shall have completed a minimum of four hours of additional training in detection of borated water leakage from alloy 600/82/182 components and the resulting boric acid corrosion of adjacent ferritic steel components. Procedure NDE 68 in conjunction with MP/O/A/1150/030 should be used to perform the Bare Metal Visual Inspection. For additional information, contact Chris Cruz from the Materials and NDE Services Section, Nuclear Technical Services Division.		Class 1 50	O-ISIN4-100A-1.1	NDE-69		Alloy 600/SS		NA/ NA			
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					Code Case N Bare Metal V Number B15. B15.80 items alloy 600 trans B15.80 items Personnel per four hours of acid corrosion Procedure NI Procedure NI For additiona	I-722 subject isual Inspect 80). by bare metal sition weld a additional transforming the additional transforming transforming the additional transforming tr	t to the conditi tion by VT-2 q I visual examin between the al xamined every e visual examin raining in detec at ferritic steel c eptance Criteria njunction with I n, contact Chris	ons specifie ualified insp ations are o loy 600 tube other refue lation shall t tion of boral components is ino evid MP/O/A/115 s Cruz from	d in paragraphs (ector of the BMI I on the reactor ves a and the stainles ling outage from t be qualified as VT ted water leakage ence of borated w 0/030 should be u the Materials and	g) (6) (ii) (E) 2 through Nozzles per the require sel bottom head, botto s steel tube. he start date. -2 visual examiners at from alloy 600/82/182 vater leakage." used to perform the Ba NDE Services Sectio	a 4. aments of Code Case N-722. (Item om mounted instrument nozzles and nd shall have completed a minimum o 2 components and the resulting boric are Metal Visual Inspection.	

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / Systen		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG						. C. Station in succession			
O1.G16.1.0001	1-50-01-21	<u></u>					<u></u>		<u></u>
	Class 1 50	1-50-01(1) O-ISIN4-100A-1.1	NDE-995	UT	SS-Inconel		0.281 / 1.500	50202	
Dissimilar		ISI-OCN1-008							
Stress Weld									
			Safe End to Eli	bow					
	····		Augmented In piping downstra NDE-995 for do NRC Commitrr RCS drain line and the elbow Dave Peitola fr The welds/area	spection b eam of the etails on the nent for MF piping dow base meta om the Oc as for G16	y ultrasonic existence of the second	amination to on on 1A2 o examined fo s an ultrason RCS conn DE-995 sha ineering Se be examine	cold leg. This exa r this weld. nlc examination t ection. Examinat Il be used to per ction. d once every ten	fatigue cracking on the mination is for weld 1 to identify thermal fatig ion includes both weld form the UT examinat a years from the start of	ne inside surface of RCS drain line -50-01-21. See Figure 1 in procedure gue cracking on the inside surface of ds (located at each end of the elbow) ion. For additional information, contact date (Unit 1 EOC-26). The ing number ER-ONS-08-09 for more
O1.G16.1.0002	1-50-01-258								
	Class 1 50	1-50-01(1)	NDE-995	UT	SS		0.281 / 1.500	50202	

Elbow to Pipe

Drain Line Piping that branches off of Reactor Coolant Pump 1A2 Suction Piping (J-Leg). On weld iso 1-50-01(1) examine weld # 258.

Augmented Inspection by ultrasonic examination to identify thermal fatigue cracking on the inside surface of RCS drain line piping downstream of the RCS connection on 1A2 cold leg. This examination is for weld 1-50-01-258. See Figure 1 in procedure NDE-995 for details on the areas to be examined for this weld.

NRC Commitment for MRP-146 requires an ultrasonic examination to identify thermal fatigue cracking on the inside surface of RCS drain line piping downstream of the RCS connection. Examination includes both welds (located at each end of the elbow) and the elbow base metal. Procedure NDE-995 shall be used to perform the UT examination. For additional information, contact Dave Peltola from the Oconee Civil Engineering Section.

The welds/areas for G16.1 items are to be examined once every ten years from the start date (Unit 1 EOC-26). The examinations should be performed during refueling outage. See QA-513-J form with tracking number ER-ONS-08-09 for more details.

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Oconee 1, 4th interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID :
Category AUG									
O1.G16.1.0003	1-50-01-ELBO\								
	Class 1 50	1-50-01(1) O-ISIN4-100A-1.1	NDE-995	UT	SS		0.281 / 1.500	50202	
Dissimilar Stress Weld		ISI-OCN1-008							
			Elbow Base	Aetal					
O1.G16.1.0004	1RC-281-266	1RC-261	elbow base m Augmented f piping downs associated wi NRC Commit RCS drain lin and the elbov Dave Peltola The welds/are examinations details.	netal on the enspection by tream of the i th welds 21 a ment for MRi e piping down base metal. from the Occo bas for G16.1 should be pe	Ibow associa ultrasonic ex RCS connect and 258. See P-146 require nstream of th Procedure N nee Civil Eng items are to erformed duri	ted with we amination t on on 1A2 Figure 5 in s an ultrasc e RCS conr DE-995 sha ineering Se be examine	Ids 21 and 258. o identify thermal cold leg. This exe procedure NDE-to procedure NDE-to pro	i fatigue cracking on the amination is for the elbo 995 for details on the ar- to identify thermal fatigu tion includes both welds form the UT examination a years from the start da -513-J form with trackin	on weld iso 1-50-01(1) examine the e inside surface of RCS drain line we base metal on the elbow reas to be examined for this elbow. Je cracking on the inside surface of a (located at each end of the elbow) on. For additional information, contact ate (Unit 1 EOC-26). The Ig number ER-ONS-08-09 for more
Dissimilar Stress Weld	Class 1 50	NC-261 O-ISIN4-100A-1.1 ISI-OCN1-010	NDE-995	UT	SS-Inconel		0.281 / 1.500	50202	
			Safe End to E	lbow					
			Augmented I piping downst procedure NE	nspection by tream of the I DE-995 for de	ultrasonic ex RCS connect tails on the a	amination t on on 1B2 reas to be e s an ultrase	cold leg. This exa examined for this	fatigue cracking on the mination is for weld 1R weld.	Inside surface of RCS drain line C-261-266. See Figure 1 in Jue cracking on the inside surface of

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Category AUG			Description . Comments			Sched	Thick/NPS					
				· · · · · · · · · · · · · · · · · · ·			•					
O1.G16.1.0005	1RC-261-267 Class 1 50	1RC-261 O-ISIN4-100A-1.1	NDE-995	UT	SS		0.281 / 1.500	50202				
			Elbow to Pipe									
				Drain Line Piping that branches off of Reactor Coolant Pump 1B2 Suction Piping (J-Leg). On weld iso 1RC-261 examine w 267. Augmented Inspection by ultrasonic examination to identify thermal fatigue cracking on the inside surface of RCS drain lin piping downstream of the RCS connection on 1B2 cold leg. This examination is for weld 1RC-261-267. See Figure 1 in procedure NDE-995 for details on the areas to be examined for this weld. NRC Commitment for MRP-146 requires an ultrasonic examination to identify thermal fatigue cracking on the inside surface RCS drain line piping downstream of the RCS connection. Examination includes both welds (located at each end of the elb and the elbow base metal. Procedure NDE-995 shall be used to perform the UT examination. For additional information, cc Dave Peltola from the Oconee Civil Engineering Section. The welds/areas for G16.1 items are to be examined once every ten years from the start date (Unit 1 EOC-26). The examinations should be performed during refueling outage. See QA-513-J form with tracking number ER-ONS-08-09 for m details.								
O1.G16.1.0006	1RC-261-ELBO				00		0 004 / 4 500	50000				
Dissimilar Stress Weld	Class 1 50	1RC-261 O-ISIN4-100A-1.1 ISI-OCN1-010	NDE-995	UT	SS		0.281 / 1.500	50202	-			
			Elbow Base M	letal								
			elbow base m Augmented la piping downst associated wit NRC Commite RCS drain line and the elbow Dave Peitola 1 The welds/are	etal on the eli nspection by ream of the R th welds 266 a ment for MRP e piping down base metal. from the Ocor teas for G16.1	bow associat ultrasonic ex CS connecti and 267. Sec -146 require stream of the Procedure N nee Civil Eng items are to	ed with wel amination to on on 1B2 (Figure 5 ir s an ultraso RCS conn DE-995 sha ineering Se be examine	ds 266 and 267. b identify thermal cold leg. This exa procedure NDE nic examination t rection. Examinat all be used to per cotion.	fatigue cracking on the imination is for the elbo -995 for details on the a to identify thermal fatigu- ion includes both welds form the UT examinatio a years from the start da	On weld iso 1RC-261 examine the inside surface of RCS drain line w base metal on the elbow areas to be examined for this elbow. We cracking on the inside surface of a (located at each end of the elbow) in. For additional information, contact ate (Unit 1 EOC-26). The g number ER-ONS-08-09 for more			

Oconee 1, 4th interval, outage 5 (EOC-26)

• · · ·	EVE SI OCN1-011 D-ISIN4-100A-1.1	NDE-105						
51A I	SI OCN1-011	NDE-105					·····	
• · · ·		NDE-105						
			RT	SS		0.750 / 3.500		G02.001.011A
		area as descr	ibed in proce					
		RT schedule o	changed from	1EOC-27 to	1EOC-26 p	er QA 513J ER-O	NS-11-01.	
	EVE							
51A 🛛	SI OCN1-013	NDE-105	RT	SS		0.750 / 3.500		G02.001.011C
		Requirements	•			·		G02.001.011E
c	D-ISIN4-100A-1.1	described in p	rocedure ND					
	·	RT schedule o	changed from	1EOC-27 to	1EOC-26 p	er QA 513J ER-O	NS-11-01.	
		NDE-105	RT	SS		0.750 / 3.500		G02.001.011E
		area as descri	ibed in proce					
		RT schedule o	changed from	1EOC-27 to	1EOC-26 p	er QA 513J ER-O	NS-11-01.	
	51A C ERM SLE 51A C ERM SLE 51A	ERM SLEEVE 51A ISI OCN1-013 O-ISIN4-100A-1.1 ERM SLEEVE 51A ISI OCN1-014 O-ISIN4-100A-1.1 ERM SLEEVE 51A ISI OCN1-012 O-ISIN4-100A-1.1	area as descr Requirements RT schedule of STA ISI OCN1-013 NDE-105 O-ISIN4-100A-1.1 HPI Nozzle 18 described in p Requirements RT schedule of STA ISI OCN1-014 NDE-105 O-ISIN4-100A-1.1 HPI Nozzle 18 described in p Requirements RT schedule of STA ISI OCN1-012 NDE-105 O-ISIN4-100A-1.1 Make-Up Noz area as descri- Requirements	area as described in proce Requirements. RT schedule changed from ERM SLEEVE 51A ISI OCN1-013 NDE-105 RT O-ISIN4-100A-1.1 HPI Nozzle 1B1. Perform described in procedure ND Requirements. RT schedule changed from ERM SLEEVE 51A ISI OCN1-014 NDE-105 RT O-ISIN4-100A-1.1 HPI Nozzle 1B2. Perform described in procedure ND Requirements. RT schedule changed from ERM SLEEVE 51A ISI OCN1-012 NDE-105 RT O-ISIN4-100A-1.1 Make-Up Nozzle 1A2. Per area as described in proce Requirements.	area as described in procedure NDE-10 Requirements. RT schedule changed from 1EOC-27 to RM SLEEVE 51A ISI OCN1-013 NDE-105 RT SS O-ISIN4-100A-1.1 HPI Nozzle 1B1. Perform RT between 4 described in procedure NDE-105. This Requirements. RT schedule changed from 1EOC-27 to ERM SLEEVE 51A ISI OCN1-014 NDE-105 RT SS O-ISIN4-100A-1.1 HPI Nozzle 1B2. Perform RT between 1 described in procedure NDE-105. This Requirements. RT schedule changed from 1EOC-27 to ERM SLEEVE 51A ISI OCN1-014 NDE-105 RT SS O-ISIN4-100A-1.1 HPI Nozzle 1B2. Perform RT between 1 described in procedure NDE-105. This Requirements. RT schedule changed from 1EOC-27 to ERM SLEEVE 51A ISI OCN1-012 NDE-105 RT SS O-ISIN4-100A-1.1 Make-Up Nozzle 1A2. Perform RT betw area as described in procedure NDE-10 Requirements.	area as described in procedure NDE-105. This sch Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 p ERM SLEEVE 51A ISI OCN1-013 NDE-105 RT SS O-ISIN4-100A-1.1 HPI Nozzle 1B1. Perform RT between the nozzle to described in procedure NDE-105. This schedule of Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 p ERM SLEEVE 51A ISI OCN1-014 NDE-105 RT SS O-ISIN4-100A-1.1 HPI Nozzle 1B2. Perform RT between the nozzle to described in procedure NDE-105. This schedule of Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 p ERM SLEEVE 51A ISI OCN1-014 NDE-105 RT SS O-ISIN4-100A-1.1 HPI Nozzle 1B2. Perform RT between the nozzle to described in procedure NDE-105. This schedule of Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 p ERM SLEEVE 51A ISI OCN1-012 NDE-105 RT SS O-ISIN4-100A-1.1 Make-Up Nozzle 1A2. Perform RT between the noz area as described in procedure NDE-105. This schedule of Requirements.	area as described in procedure NDE-105. This schedule cannot be c Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 per QA 513J ER-O ERM SLEEVE 51A ISI OCN1-013 NDE-105 RT SS 0.750 / 3.500 O-ISIN4-100A-1.1 HPI Nozzle 1B1. Perform RT between the nozzle to safe end and sa described in procedure NDE-105. This schedule cannot be changed Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 per QA 513J ER-O ERM SLEEVE 51A ISI OCN1-014 NDE-105 RT SS 0.750 / 3.500 O-ISIN4-100A-1.1 HPI Nozzle 1B2. Perform RT between the nozzle to safe end and sa described in procedure NDE-105. This schedule cannot be changed Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 per QA 513J ER-O ERM SLEEVE 51A ISI OCN1-014 NDE-105 RT SS 0.750 / 3.500 O-ISIN4-100A-1.1 HPI Nozzle 1B2. Perform RT between the nozzle to safe end and sa described in procedure NDE-105. This schedule cannot be changed Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 per QA 513J ER-O ERM SLEEVE 51A ISI OCN1-012 NDE-105 RT SS 0.750 / 3.500 O-ISIN4-100A-1.1 Make-Up Nozzle 1A2. Perform RT between the nozzle to safe end and area as described in procedure NDE-105. This schedule cannot be c Requirements.	RT schedule changed from 1EOC-27 to 1EOC-26 per QA 513J ER-ONS-11-01. RM SLEEVE 51A ISI OCN1-013 NDE-105 RT SS 0.750 / 3.500 O-ISIN4-100A-1.1 HPI Nozzle 1B1. Perform RT between the nozzle to safe end and safe end to pipe weld in the described in procedure NDE-105. This schedule cannot be changed. Reference Section 7 or Requirements. RT schedule changed from 1EOC-27 to 1EOC-26 per QA 513J ER-ONS-11-01. RM SLEEVE 51A ISI OCN1-014 NDE-105 RT SS 0.750 / 3.500 O-ISIN4-100A-1.1 NDE-105 RT SS 0.750 / 3.500 HPI Nozzle 1B2. Perform RT between the nozzle to safe end and safe end to pipe weld in the described in procedure NDE-106. This schedule cannot be changed. Reference Section 7 of Requirements. RT schedule changed from 1EQC-27 to 1EOC-26 per QA 513J ER-ONS-11-01. ERM SLEEVE 51A ISI OCN1-014 NDE-105 RT schedule changed from 1EQC-27 to 1EOC-26 per QA 513J ER-ONS-11-01. Reference Section 7 of Requirements. RT schedule changed from 1EQC-27 to 1EOC-26 per QA 513J ER-ONS-11-01. Image: Reference Section 7 of Requirements. RT schedule changed from 1EQC-27 to 1EOC-26 per QA 513J ER-ONS-11-01. Image: Reference Section 7 of Requirements. RT schedule changed from 1EQC-27 to 1EOC-26 per QA 513J ER-ONS-11-01. Image: Reference Section 7 of Requirements.

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Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Comp	oonenet ID 2
Category AUG	-	. առցուսույթությունություն անհես նորոշեցինքներ առզգիներո						· manadas	1971 1. s	
O1.G4.1.0005	1HP-255-6 Class 1 51A	1HP-255 O-ISIN4-101A-1.4	NDE-995	UT	SS		0.375 / 2.500	40378		G04.001.007
Circumferential										
				of weld & 1"				This weld was 1-51A-1 the ISI Plan, General R	10-6 until iso 1-51A-10 was equirements.	deleted
O1.G4.1.0006	1HP-190-12									
	Class 1 51A	1HP-190	NDE-995	UT	SS		0.375 / 2.500	40378		G04.001.012
Circumferential										
			Pipe to Elbow Inspect 100% and welds tra	of weld & 1"	of base mate o 1HP-190.	erial (axial & c Reference Se	ircumferential). ction 7 of the IS	This weld was 1-51A-5 SI Plan, General Require	5-77C until iso 1-51A-5 was ements.	deleted
O1.G4.1.0009	1HP-190-16 Class 1 51A	1HP-190 O-ISIN4-101A-1.4	NDE-995	UΤ	SS		0.375 / 2.500	40378		G04.001.01t
Circumferential										
			Pipe to Valve Inspect 100%		of base mate	erial (axial & c	ircumferential).	Reference Section 7 o	f the ISI Plan, Volume 1.	
O1.G4.1.0010	1HP-190-13 Class 1 51A	1HP-190 O-ISIN4-101A-1.4	NDE-995	UT	SS		0.375 / 2.500	40378		G04.001.01€
Circumferential										
			Elbow to Pipe Inspect 100%		of base mate	erial (axial & c	ircumferential).	Reference Section 7 o	f the ISI Plan, General Req	uirements.

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Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG		n na ann an tar ann an tar ann an tar an tartha an sanna - Marana ann an tartha an tar	****	an a bar a baran mar tana a baran a sa		1	n an in 18 Mar 19 19 19 19 19 19 19		
O1.G4.1.0011	1HP-279-4 Class 1 51A	1HP-279 O-ISIN4-101A-1.4	NDE-995	UT	SS	C).375 / 2.500	40378	G04.001.017
Circumferential								40370	
			Elbow to Pipe	3					
								. This weld was 1-51A Plan, General Require	-10-4 until iso 1-51A-10 was deleted ements.
01.G4.1.0012	1HP-279-3								
	Class 1 51A	1HP-279 O-ISIN4-101A-1.4	NDE-995	UT	SS	0	.375 / 2.500	40378	G04.001.018
Circumferential		-							
			Elbow to Pipe)					
								This weld was 1-51A- Plan, General Require	-10-3 until iso 1-51A-10 was deleted ements.
O1.G4.1.0013	1HP-279-24	A COLOR OF THE CONTRACT OF THE OWNER AS A							
	Class 1 51A	1HP-279 O-ISIN4-101A-1.4	NDE-995	UT	SS	0	0.375 / 2.500	40378	G04.001.01§
Circumferential									
			Pipe to Valve	1HP-489					
			Inspect 100%	of weld & 1	of base mate	orial (axial & cir	cumferential).	Reference Section 7	of the ISI Plan, General Requirements.
O1.G4.1.0015	1HP-277-42C	<u></u>	1 .12 ⁻¹⁹ 19-1919	•					
	Class 1 51A		NDE-995	UT	SS	0	.375 / 2.500		G04.001.021
Circumferential		O-ISIN4-101A-1.4						40378	
			Pipe to Elbow	1					
								This weld was 1-51A- of the ISI Plan, Genera	-04-42C until iso 1-51A-04 was al Requirements.

Summary Num	Component ID Class / System		Procedure Description Comments	in s p Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category AUG								4. 16 5 5 5 6 ans	
O1.G4.1.0016	1HP-277-43C								
	Class 1 51A		NDE-995	UT	SS		0.375 / 2.500		G04.001.022
Circumferential		O-ISIN4-101A-1.4						40378	
Circumerenuar									
			Elbow to Pipe	•					
). This weld was 1-51A-0 of the ISI Plan, General	04-43C until iso 1-51A-04 was Reguirements.
O1.G4.1.0017	1HP-277-52						•		and a second
	Class 1 51A	1HP-277	NDE-995	UT	SS		0.375 / 2.500		G04.001.023
		O-ISIN4-101A-1.4						40378	
Circumferential									
			Pipe to Valve	1HP-486		•			
		_	•	of weld & 1"	of base mai	terial (axial &	circumferential)	. Reference Section 7 o	f the ISI Plan, General
O1.G4.1.0019	1HP-278-22C								
	Class 1 51A	1HP-278	NDE-995	UT	SS		0.375 / 2.500		G04.001.025
		O-ISIN4-101A-1.4						40378	
Circumferential									
			Pipe to Elbow	•					
			•		of base mate	erial (axial &	circumferential).	This weld was 1-51A-0	4-22C until iso 1-51A-04 was
	· · ·	ver e e d'anne						SI Plan, General Require	
O1.G4.1.0020	1HP-278-23C		•						
	Class 1 51A		NDE-995	UT	SS		0.375 / 2.500		G04.001.026
		O-ISIN4-101A-1.4						40378	
Circumferential									
			Elbow to Pipe						
			Inspect 100%	of weld & 1"				This weld was 1-51A-0 of the ISI Plan, General	4-23C until iso 1-51A-04 was I Requirements.

Oconee 1, 4th interval, outage 5 (EOC-26)

Summary Num Category AUG	Componen Class / Sys)/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blo	cks Componenet ID 2
01.G4.1.0021	1HP-278-24		and a polynomia and an and a second and a		<u> </u>					
01.04.1.0021	Class 1 51		278	NDE-995	UT	SS		0.375 / 2.500		G04.001.027
Circumferential		O-ISI	N4-101A-1.4						40378	
				Pipe to Valve	1HP-487					
	-		. .	Inspect 100%	of weld & 1"	of base mate	rial (axial &	circumferential).	Reference	Section 7 of the ISI Plan, General Requirements.
Category B-D										
O1.B3.110.0011	1-PZR-WP2	6-3				· · ···				
Circumferential	Class 1 50	OM-20	CN1-002 01-91 01-1878	NDE-640	UT	CS		6.187 / 5.750	40338	B03.110.01*
				Nozzle to She	əli					
				Pressurizer S Z-W Quadran	ensing and S t, 47 Degree	ampling Noza s off W-Axis.	le Pc. 30 to	Heater Belt She	ell Pc. 4.	
O1.B3.110.0011	1-PZR-WP2	6-3								
Circumferential	Class 1 50	OM-20	CN1-002 01-91 01-1878	NDE-820	UT	CS		6.187 / 5.750	40338	B03.110.01*
				Nozzle to She	ell					
				Pressurizer S Z-W Quadran	ensing and S it, 47 Degree	ampling Noza s off W-Axis.	le Pc. 30 to	Heater Belt She	ell Pc. 4,	
O1.B3.110.0012	1-PZR-WP2	:6-7								
Circumferential	Class 1 50	OM-2	CN1-002 01-91 01-1878	NDE-820	UT	CS		6.187 / 5.750	40338	B03.110.012
				Nozzle to She	əll					
				Pressurizer S Z-W Quadran			le Pc. 30 to:	Heater Belt She	ell Pc. 4.	
O1.B3.110.0012	1-PZR-WP2	6-7								
Circumferential	Class 1 50	OM-20	CN1-002 01-91 01-1878	NDE-640	UT	CS		6.187 / 5.750	40338	B03.110.012
				Nozzle to She	əll					
				Pressurizer S Z-W Quadran			de Pc. 30 to	Heater Belt She	ell Pc. 4.	
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Oconee 1, 4th interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-D									
O1.B3.120.0011	1-PZR-WP26-3								
		ISI-OCN1-002 OM-201-91	NDE-680	UT	CS		6.188 / 5.750	50237E 40338	B03.120.011
		OM-201-1878							
			Nozzle to She	11					
			Pressurizer Se 47 Degrees of				Shell Pc. 4. Z-	V Quadrant,	
O1.B3.120.0012	1-PZR-WP26-7	<u></u>	<u> </u>						
	•••••	ISI-OCN1-002 OM-201-91	NDE-680	UT	CS		6.188 / 5.750	50237E 40338	B03.120.012
		OM-201-1878							
			Nozzle to She	IJ					
			Pressurizer Se	ensing and S	ampling Noz	<u>le Pc. 30 to</u>	Shell Pc. 4. Z-V	V Quadrant, 4	0 Degrees off W-Axis. (Inside Radius Section)
Category B-G-1							and the second		n an
O1.B6.10.0041	1-RPV-26-203-4	11					<u> </u>		
		OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250		B06.010.041
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	271 RPV Instructi	on Manual.	e men e un provinsion e un unante
O1.B6.10.0042	1-RPV-26-203-4	12							
		OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250		B06.010.042
1			Reactor Vess	el Closure Ni	ut. Reference	<u>OM-201-22</u>	271 RPV instructi	on Manual.	To water publications in the second state of the
O1.B6.10.0043	1-RPV-26-203-4	13							
	0.000	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250		B06.010.04:
			Reactor Vesse	el Closure N	ut. Reference	OM-201-22	271 RPV Instructi	on Manual.	

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num Category B-G-1	Component ID Class / Systen		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Co	mponenet ID 2
O1.B6.10.0044	1-RPV-26-203- Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.044
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		
O1.B6.10.0045	1-RPV-26-203-	45					n (de alle ar saint a ser a Ser a ser		in 1997 - State of St State of State	
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.048
_			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		
O1.B6.10.0046	1-RPV-26-203-	46								
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.046
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		
O1.B6.10.0047	1-RPV-26-203-	47			to appen by addressing the second sec					
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS	•	1.300 / 9.250			B06.010.047
			Reactor Vess	el Closure N	ul. Reference	OM-201-22	71 RPV Instructio	n Manual.		
O1.B6.10.0048	1-RPV-26-203-	48			k	***				
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.048
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instruction	n Manual.		
O1.B6.10.0049	1-RPV-26-203-	49		· · · · · · · · · · · · · · · · · · ·					<u> </u>	<u>, maa ka dii Akkaa ahaa ka</u> kaa ahaa ahaa ahaa
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.049
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instruction	n Manual.		
O1.B6.10.0050	1-RPV-26-203-	50								
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.05(
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instruction	n Manual.		
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Summary Num	Component ID Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Co	emponenet ID 2
Category B-G-1			••••••••••••••••••••••••••••••••••••••		· · · ·					
O1.B6.10.0051	1-RPV-26-203- Class 1	51 OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.05*
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		
O1.B6.10.0052	1-RPV-26-203-	52	······································				-	an a	Anny, Contraction of the Second Secon	in a substantia da substant
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.052
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		
O1.B6.10.0053	1-RPV-26-203-	53						,		
	Class 1	OM-201-2271 B&W128723E	NDE-62	V T -1	CS		1.300 / 9.250			B06.010.053
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		
O1.B6.10.0054	1-RPV-26-203-	54								
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.054
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manuai.		
O1.B6.10.0055	1-RPV-26-203-	55		Tuart 16. 11.			· · · · · · · · · · · · · · · · · · ·			
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.058
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		
O1.B6.10.0056	1-RPV-26-203-	56	. at 11 anno 11 anno 11 ann		· · · · · · · · · · · · · · · · · · ·					
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.056
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		<u> </u>
O1.B6.10.0057	1-RPV-26-203-	57								······································
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.057
			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instructio	n Manual.		
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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / Systen		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Com	ponenet ID 2
Category B-G-1										
O1.B6.10.0058	1-RPV-26-203- Class 1	58 OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.058
_			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instruction	on Manual.		
O1.B6.10.0059	1-RPV-26-203-	59								
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.05§
www.waga aga agagada anagang, ta manturd, ti in upunan			Reactor Vess	el Closure N	ut. Reference	OM-201-22	71 RPV Instruction	on Manual.	•	
O1.B6.10.0060	1-RPV-26-203-	63								
	Class 1	OM-201-2271 B&W128723E	NDE-62	VT-1	CS		1.300 / 9.250			B06.010.06(
			Reactor Vess	el Closure Ni	ut. Reference	OM-201-22	71 RPV Instruction	on Manual.	-	
O1.B8.180.0003	1-RCP-181-F							<u> </u>		
	Class 1	OM-201.D-36 OM-201.D-38 OM-201-1148	PDI-UT-5	UT	CS		0.000 / 4.320	50502		B06.180.00(
			Reactor Coola 24 Hex-Head Inspect main	boits, Bolt Le	ongth = 28.00	0.	9. All bolt surfac Pump only.	es examined.		
O1.B6.30.0041	1-RPV-25-203-			·····					annan kahanga ang ang ang ang ang ang ang ang ang	
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.041
			Reactor Vess	el Closure St	ud - Remove	d. Stud Leng	th = 63.250. Ref	erence OM-201-2271	RPV Instruction Manual.	······································
O1.B6.30.0042	1-RPV-25-203-	42								
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.042
			Reactor Vess	el Closure St	ud - Remove	d. Stud Leng	µth = 63.250. Ref	erence OM-201-2271	RPV Instruction Manual.	

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Co	mponenet ID 2
Category B-G-1			and a second							
O1.B6.30.0043	1-RPV-25-203- Class 1	43 OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.04
			Reactor Vess	el Closure St	ud - Remove	d. Stud Len	ath = 63.250. Re	ference OM-201-227	1 RPV Instruction Manual.	
O1.B6.30.0044	1-RPV-25-203-	44			A CONTRACTOR OF A CONTRACTOR O					
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.044
			Reactor Vess	el Closure St	ud - Remove	d. Stud Len	gth = 63.250. Rei	ference OM-201-227	1 RPV Instruction Manual.	
O1.B6.30.0045	1-RPV-25-203-	45					<u></u>			· · · · ·
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.04
			Reactor Vess	el Closure St	ud - Remove	d. Stud Len	gth = 63.250. Re	ference OM-201-227	1 RPV Instruction Manual.	
O1.B6.30.0046	1-RPV-25-203-	46			······		<u></u>			
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.046
	No. 11 (1997)		Reactor Vess	el Closure St	ud - Remove	d. Stud Len	<u>gth = 63.250. Re</u>	ference OM-201-227	1 RPV Instruction Manual.	
O1.B6.30.0047	1-RPV-25-203-	47				<u></u>			<u>, and a second s</u>	
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.047
			Reactor Vess	el Closure St	ud - Remove	d. Stud Leng	gth = 63.250. Rei	ference OM-201-227	1 RPV Instruction Manual.	
O1.B6.30.0048	1-RPV-25-203-	48	·········							
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.048
		and the state of the second	Reactor Vess	el Closure St	ud - Remove	d. Stud Len	g <u>th = 63.250. Re</u>	ference OM-201-227	1 RPV Instruction Manual.	····
O1.B6.30.0049	1-RPV-25-203-									
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	404 20		B06.030.04§
			Reactor Vess	el Closure St	ud - Remove	d. Stud Leng	gth = 63.250. Rei	ference OM-201-227	1 RPV Instruction Manual.	
Printed 07/25/11 gds5	841 v. 06/18/09				SDQ	A Cat "C"		Oconee	1 7/25/2011 11:03:04 AM	Page 28 of 78

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num Category B-G-1	Component II Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Co	mponenet ID 2
O1.B6.30.0050	1 001/ 25 202	<i>E</i> 0							and a second	
01.66.30.0050	1-RPV-25-203- Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.05
			Reactor Vess	el Closure St	ud - Remove	I. Stud Len	gth = 63.250. Re	ference OM-201-22	71 RPV Instruction Manual.	
O1.B6.30.0051	1-RPV-25-203-	-51							antialaininin a aanaa ay ay ahaan ay ahaan ay ahaan	
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.05
			Reactor Vess	el Closure St	ud - Remove	J. Stud Len	gth = 63.250. Re	ference OM-201-22	71 RPV Instruction Manual.	
O1.B6.30.0052	1-RPV-25-203-	-52					<u> </u>			
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.052
			Reactor Vess	el Closure St	ud - Removed	I. Stud Len	gth = 63.250. Re	ference OM-201-22	71 RPV Instruction Manual.	
O1.B6.30.0053	1-RPV-25-203-	53				<u>_</u> _				· · · · · · · · · · · · · · · · · · ·
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.053
			Reactor Vess	el Closure St	ud - Removed	I. Stud Len	gth = 63.250. Re	ference OM-201-22	71 RPV Instruction Manual.	
O1.B6.30.0054	1-RPV-25-203-	-54					<u></u>			
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.054
			Reactor Vess	el Closure St	ud - Removed	I. Stud Len	gth = 63.250. Re	ference OM-201-22	71 RPV Instruction Manual.	
O1.B6.30.0055	1-RPV-25-203-	55						······		
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420		B06.030.05
			Reactor Vess	el Closure St	ud - Removed	I. Stud Len	gth = 63.250. Re	erence OM-201-22	71 RPV Instruction Manual.	
O1.B6.30.0056	1-RPV-25-203-	56								
	Class 1	OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40 420		B06.030.056
			Reactor Vess	el Closure St	ud - Removed	I. Stud Len	gth = 63.250. Re	ference OM-201-22	71 RPV Instruction Manual.	
Printed 07/25/11 gds5	841 v. 06/18/09	ala andre andre and an and a second of all for the second second second second second second second second second	* ************************************		SDQ	A Cat "C"		Oconee	1 7/25/2011 11:03:04 AM	Page 29 of 78

Oconee 1, 4th interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID
Category B-G-1	and a standard and a standard and a standard and a standard a standard a standard a standard a standard a stand								
O1.B6.30.0057		57 OM-201-2271 B&W128723E	PDI-UT-5	UT	cs		0.000 / 6.500	40420	B06.030.
			Reactor Vess	el Closure St	ud - Remove	i. Stud Leng	gth = 63.250. Re	ference OM-201-227	1 RPV Instruction Manual.
O1.B6.30.0058	1-RPV-25-203-{	58							
		OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420	B06.030.
·····			Reactor Vess	el Closure St	ud - Remove	I. Stud Leng	gth = 63.250. Re	ference OM-201-227	1 RPV Instruction Manual.
O1.B6.30.0059	1-RPV-25-203-	59					·······		
		OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420	B06.030.
· · · · · · · · · · · · · · · · · · ·			Reactor Vess	el Closure St	ud - Removed	I. Stud Leng	gth = 63.250. Rei	erence OM-201-227	RPV Instruction Manual.
O1.B6.30.0060	1-RPV-25-203-6	59						and the second	
		OM-201-2271 B&W128723E	PDI-UT-5	UT	CS		0.000 / 6.500	40420	B06.030.
			Reactor Vess	el Closure St	ud - Removed	I. Stud Len	gth = 63.250. Rei	erence OM-201-227	RPV Instruction Manual.
O1.B6.50.0003	1-RPV-WASH-E	BUSH							
		OM-201-2271 B&W128723E	NDE-62	VT-1	CS		0.214 / 9.750		B06.050.
			Reactor Vess	el Closure W	ashers and B	ushings. St	ud Holes 41- 60.	Reference OM-201-2	271 RPV Instruction Manual.
Category B-G-2		<u>.</u>							
O1.B7.20.0003	1-PZR-LHB-STU	JDS	······································						
		OM-201-9 OM-201-1262	NDE-62	VT-1	CS		0.000 / 2.000		B07.020.(
			Pressurizer Lo	ower Heater E	Bundle Studs	Pc. 75 and	nuts. 16 Studs, L	.ength = 17.875. Exa	mine all studs and nuts.

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Reg	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-G-2							-		
O1. B7.30 .0003	0.000	TUDS OM-201.S-0001 OM-201.S-0170 OM-201.S-0171	NDE-62	VT-1	SS		0.000 / 2.000		B07.030.00
			Steam Gener Examine all s Stud Length =	tuds and nuts	s.	vay Studs and	I Nuts. (16 Stud	Is & Nuts)	
O1.B7.30.0004		UDS OM-201.S-0001 OM-201.S-0158 OM-201.S-171	NDE-62	VT-1	SS		0.000 / 2.000		B07.030.004
			Steam Gener Examine all s Stud Length =	tuds and nute	6.	ay Studs and	Nuts. (16 Studs	s & Nuts)	
O1.B7.30.0006		TUDS OM-201.S-0001 OM-201.S-0171 OM-201.S-0252	NDE-62	VT-1	SS		0.000 / 1.000		B07.030.006
			Steam Gener (8 studs and r Examine all s Stud length =	nuts). tuds and nuts	3.	hole (primary) Cover Studs ar	nd Nuts	
O1.B7.60.0007	1-RCP-1B1-UP	SEAL							
	Class 1	OM-201D-0062	NDE-62	VT-1	CS		0.000 / 1.125		B07.060.007
			Reactor Cool				s Pc. 120. 12 Ca	ap Screws, Length = 8.00	00. Inspect upper seal housing
O1.B7.70.0003	1-53A-CF13-ST Class 1 53A		NDE-62	VT-1	CS	ennene o - o - o fello e fe	0.000 / 1.125		B07.070.003
			B-Side Core I Examine all s			olting. Y Axis.	Inspect one of t	he following valves: 1CF	-11, 1CF-12, 1CF-13, or 1CF-14.

Summary Num	Component I Class / Syste		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O1.B9.11.0017	1RC-289-5V	······································	· · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·		
	Class 1 50	OM-2013209 O-ISIN4-100A-1.1	PDI-UT-1	UT	CS		4.090 / 36" I.D.	7310-0060	B09.011.025, B09.011.025 <i>F</i>
Circumferential									
Terminal End		1RC-289							
			Pipe to Nozzl	e					
			Steam Gener Weld 5V is lis Hot Leg Pipin	sted on weld i			ISI-OCN1-005 is	listed as the iso to show	where the weld is located on the 1A
			Thickness list	ted is nomina	I and was dei	termined us	ing the dimension	ns shown on OM-20132	09.
							exam from the Fo of surface exams.		e PIP G-08-00185 (CA # 10) and
O1.B9.11.0020	1RC-289-1V							·····	
	Class 1 50	OM-2013210 O-ISIN4-100A-1.1	PDI-UT-1	UT	CS		4.070 / 36" I.D.	7310-0060	B09.011.028, B09.011.028/
Circumferential									
Terminal End		1RC-289							
			Pipe to Nozzl	e					
			Steam Gener Weld 1V is lis Hot Leg Pipin	ted on weld i			ISI-OCN1-006 is	listed as the iso to show	where the weld is located on the 1B
			Thickness list	ted is nomina	I and was de	termined us	ing the dimension	as shown on OM-20132	210.
							exam from the Food of surface exams.	ourth Interval ISI Plan. Se	ee PIP G-08-00185 (CA # 10) and

Summary Num	Component II Class / Systen		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O1.B9.11.0027	1SGB-W2	ON 201 C 0004		- <u></u>	~~~		4405 4000 4 0		
	Class 1 50	OM-201.S0001	NDE-600	UT	CS		4.125 / 28" I.D.	Component	B09.011.035, B09.011.035A
Circumferential Terminal End		O-ISIN4-100A-1.1 OM 201.S0033.001							
			Nozzle to Pip	e					
			Steam Gener Weld W2 is li the 1B1 Suct	sted on OM 2	201.5-0033.0			99 is listed as the iso to sh	ow where the weld is located on
			Thickness lis	ted is minimu	ım, NPS is no	minal, and	was determined u	using the dimensions show	vn on OM-201.S-0001.
							exam from the F of surface exams.		e PIP G-08-00185 (CA # 10) and
O1.B9.11.0029	1-PIB1-9			·· -			<u> </u>		
	Class 1 50	ISI-OCN1-009 O-ISIN4-100A-1.1	PDI-UT-2	UT	SS		2.330 / 36.500	40397	B09.011.037, B09.011.0374
Circumferential									
Terminal End		OM-201-1846							
			Nozzie to Sat	e End					
			Procedure PI Procedure NI	DI-UT-2 may DE-830 and (exam is bein	be used in lie Cal Block 502 ng performed	u of NDE-6 14 are to be as requeste	00. If PDI-UT-2 is a used only for a t	supplemental UT performe	omponent for calibration. a block listed shall be used. ad from the pump side. The tify limited coverage from the code
							exam from the F of surface exams		e PIP G-08-00185 (CA # 10) and

	Component II Class / Syster		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O1.B9.11.0029	1-PIB1-9								
	Class 1 50	ISI-OCN1-009 O-ISIN4-100A-1.1	NDE-830	UT	SS		2.330 / 36.500	50214	B09.011.037, B09.011.037#
Circumferential		U-151N4-100A-1.1						50214	500.011.0017
Terminal End		OM-201-1846							
			Nozzle to Saf	e End					
			Procedure PD Procedure ND	DI-UT-2 may to DE-830 and C exam is bein	be used in lie al Block 502 Ig performed	u of NDE-60 4 are to be as requeste	0. If PDI-UT-2 is used only for a s	used, then the calibratio upplemental UT perform	component for calibration. n block listed shall be used. ed from the pump side. The stify limited coverage from the code
						he surface (ourth Interval ISI Plan. Se	ee PIP G-08-00185 (CA # 10) and
01 B9 11 0072	1-PD81-1	<u></u>				he surface (exam from the For f surface exams.	ourth Interval ISI Plan. Se	ee PIP G-08-00185 (CA # 10) and
O1.B9.11.0072	1-PDB1-1 Class 1 50	ISI-OCN1-013				he surface (ourth Interval ISI Plan. So	B09.011.080,
O1.B9.11.0072		ISI-OCN1-013 OM-201-1844	Calc OSC-97	96 Rev.1 for a	details on the	he surface (f surface exams.	ourth Interval ISI Plan. So 50214	
Circumferential Terminal End			Calc OSC-97	96 Rev.1 for a	details on the	he surface (f surface exams.		B09.011.080,
Circumferential			Calc OSC-97	9 <u>6 Røv.1 for d</u> UT	details on the SS	he surface (f surface exams.		B09.011.080,

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component II Class / System		Procedure Description Comments	insp Req	Material	Sched Thick/	NPS Cal Blocks	Componenet ID 2
Category B-J								
O1.B9.11.0072	1-PDB1-1							
	Class 1 50	ISI-OCN1-013 OM-201-1844	PDI-UT-2	UT	SS	2.330 / 3	3.500 40397	B09.011.080, B09.011.080/
Circumferential		OM-201-1644					40397	500.011.000,
Terminal End Stress Weld								
			RC Pump 1B	1 to Safe end	I			
			used, then the supplemental	e calibration t UT performe	block listed s	hall be used. Procedur ump side. The supplen	edure PDI-UT-2 may be used in e NDE-830 and Cal Block 50214 nental exam is being performed am (performed using NDE-600 c	are to be used only for a as requested by Jim McArdle
		······································				the surface exam from exclusion of surface e		e PIP G-08-00185 (CA # 10) and
O1.B9.11.0083	1LP-210-87			·····				
	Class 1 53A		PDI-UT-2	UT	SS	1.000 / 1		B09.011
		O-ISIN4-102A-1.3					50209 40354	
Circumferential								
			Pipe to Valve	1LP-176				
						the surface exam from exclusion of surface e		e PIP G-08-00185 (CA # 10) and
Q1.B9.11.0084	1LP-209-7L							
	Class 1 53A	1LP-209	PDI-UT-2	UT	SS	1.250 / 1	4.000 PDI-UT-2-O	B09.011
		O-ISIN4-102A-1.3					50430	
Circumferential							50207	
Circumerentiat								
			Pipe to Tee					
			This weld wa	s listed previo	ously as 1-53	A-01-7L on iso 1-53A-0	01(2) until it was transferred to is	o 1LP-209.
						the surface exam from exclusion of surface e		e PIP G-08-00185 (CA # 10) and

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Oconee 1, 4th Interval, outage 5 (EOC-26)

	Cal Blocks	Thick/NPS	laterial Sched	sp Req 🛛 M	on	Procedur Descriptio Comment			Component Class / Syst	Summary Num
										Category B-J
· · · · · · · · · · · · · · · · · · ·								LA	1LP-209-7L/	O1.B9.11.0086
BOS	PDI-UT-2-O 50430 50207	1.250 / 14.000	SS	ŬT	Г-2	PDI-UT	1LP-209 O-ISIN4-102A-1.3		Class 1 53	
	50207									Circumferential
					Tee	Elbow to T				
iso 1LP-209.	until it was transferred	iso 1-53A-01(2) u	/ as 1-53A-01-7LA or	ed previously	was l	This weld				
ae PIP G-08-00185 (CA # 10) and	urth Interval ISI Plan.		exclude the surface ils on the exclusion of							
	<u></u>	Hertford		1997				A	1LP-140-4A	O1.B9.11.0088
Bos	PDI-UT-2-O 40413	1.125 / 12.000	SS	UT	r-2	PDI-UT-	1LP-140 O-ISIN4-102A-1.1		Class 1 53	
										Circumferential
					•	Elbow to P				
	edrawn.	iso 1-53A-3 was n	as 1-53A-3-4A until	ed previously	was li	This weld w				
ee PIP G-08-00185 (CA # 10) and	urth Interval ISI Plan.		exclude the surface ils on the exclusion c						-	
								iC	1-51A-04-5C	O1.B9.11.0094
Bos	PDI-UT-2A-O 50275	0.531 / 4.000	SS	UT	ſ - 2	PDI-UT	1-51A-04 O-ISIN4-101A-1.4		Class 1 51	
										Circumferential
					96	Pipe to Te				
ee PIP G-08-00185 (CA # 10) and	urth Interval ISI Plan.		exclude the surface ils on the exclusion c		e N-6					
e PIP G-08-00185 (CA # 10) and	urth Interval ISI Plan.				e N-6	Code Case		C	1-51A-04-2C	O1.B9.11.0097
BO9	urth Interval ISI Plan. PDI-UT-2A-O 50275			ev.1 for detai	e N-6 -9796	Code Case	1-51A-04 O-ISIN4-101A-1.4	51A 1	1-51A-04-2C Class 1 51	O1.B9.11.0097
	PDI-UT-2A-O	f surface exams.	ils on the exclusion o	ev.1 for detai	e N-6 -9796	Code Case Calc OSC-		51A 1		O1.B9.11.0097 Circumferential
	PDI-UT-2A-O	f surface exams.	ils on the exclusion o	ev.1 for detai	e N-6 -9796 -2	Code Case Calc OSC- PDI-UT-		51A 1		
	PDI-UT-2A-O 50275	f surface exams. 0.531 / 4.000 exam from the For	ils on the exclusion o	UT P-194 allows us to	ie N-6 -9796 -2 alve 11 ie N-6	Code Case Calc OSC PDI-UT- Pipe to Val Code Case		51A 1		

Category B-J	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched Thick/NPS	Cal Blocks	Componenet ID 2
O1.B9.11.0116	1LP-210-54LA Class 1 53A	1LP-210 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS	1.000 / 10.000	PDI-UT-2-O 50209 40354	B09.01
Circumferential							40004	
			Pipe to Tee This weld was	listed previo	ously as 1-534	A-02-54LA on iso 1-53A-02()	2) until it was transferred t	to iso 1LP-210.
						he surface exam from the F exclusion of surface exams		ee PIP G-08-00185 (CA # 10) and
O1.B9.11.0148	1-53A-02-54L Class 1 53A	1-53A-02(3) O-ISIN4-102A-1.3	PDI-UT-2	UT	SS	1.250 / 14.000	PDI-UT-2-O 50430 50207	B09.01
Circumferential							56201	
			Elbow to Tee					
						he surface exam from the F exclusion of surface exams		ee PIP G-08-00185 (CA # 10) and
O1.B9.21.0005 Circumferential	1-51A-04-30C Class 1 51A	1-51A-04 O-ISIN4-101A-1.4						
			Calc OSC-979 NDE-35	6 Rev.1 for	details on the	exclusion of surface exams		
Circumferential O1.B9.21.0006	Class 1 51A		Calc OSC-979	6 Rev.1 for	details on the	exclusion of surface exams		B09.021.00
Circumferential	Class 1 51A	O-ISIN4-101A-1.4 	Calc OSC-979 NDE-35 Pipe to Elbow NDE-35	6 Rev.1 for PT	details on the	exclusion of surface exams 0.375 / 2.500		B09.021.00
Circumferential O1.B9.21.0006 Circumferential O1.B9.21.0038	Class 1 51A	O-ISIN4-101A-1.4 1-51A-04 O-ISIN4-101A-1.4 1HP-255	Calc OSC-979 NDE-35 Pipe to Elbow	6 Rev.1 for PT	details on the	exclusion of surface exams 0.375 / 2.500		B09.021.00 B09.021.00
Circumferential O1.B9.21.0006	Class 1 51A 1-51A-04-32C Class 1 51A 1HP-255-17	O-ISIN4-101A-1.4 1-51A-04 O-ISIN4-101A-1.4	Calc OSC-979 NDE-35 Pipe to Elbow NDE-35 Pipe to Elbow NDE-35 Pipe to Elbow	PT PT PT	details on the SS SS SS	exclusion of surface exams 0.375 / 2.500 0.375 / 2.500 0.375 / 2.500	•	B09.021.00 B09.021.00 B09.021.00 B09.021.00 B09.021.03 B09.021.03

Componenet ID 2	Cal Blocks	Thick/NPS	Sched	Material	Insp Req	Procedure Description Comments	ISO/DWG Numbers	ponent ID s / Syste <i>m</i>	- (
									Category B-J
						· · · · · · · · · · · · ·		255-21	
B09.021.03		0.375 / 2.500		SS	PT	NDE-35	IHP-255 D-ISIN4-101A-1.4	s 1 51A (Circumferential
						Pipe to Elbow			
were transferred to Iso 1HP-255.	0 was deleted and welds	Weld Iso 1-51A-1	-10-21 until	usiy as 1-51A		•			
								277-41C	O1.B9.21.0040
B09.021.04		0.375 / 2.500		SS	PT	NDE-35	IHP-277	s 1 51A '	(
							D-ISIN4-101A-1.4	(Circumferential
						Elbow to Pipe			
	as redrawn.	ntil iso 1-51A-04 w	A-04-41C un	usly as 1-51/	listed previo	This weld was		*	4 mart -
								277-52	O1.B9.21.0041 1
B09.021.04		0.375 / 2.500		SS	PT	NDE-35	HP-277	s 1 51A 1	C
							D-ISIN4-101A-1.4	(Circumferential
					140 496	Dino ta Valuo			Stress Weld
		and the second sec	<u> </u>		107-400	Pipe to Valve			
D 00 00		0.075 1.0 500					110.055	255-11	
B09.02 ⁻		0.375 / 2.500		SS	РТ	NDE-35	D-ISIN4-101A-1.4	s 1 51A 1 (Circumferential
						Pipe to Elbow			
were transferred to Iso 1HP-255.	0 was deleted and welds	Weld Iso 1-51A-1	-10-11 until	usly as 1-51A	listed previo	This weld was			
								255-13	O1.B9.21.0069 1
B09.02		0.375 / 2.500		SS	PT	NDE-35	IHP-255	51 51A 1	C
							D-ISIN4-101A-1.4	C	Circumferential
						Pipe to Elbow			
were transferred to Iso 1HP-255.	0 was deleted and welds	Weld Iso 1-51A-1	-10-13 until	usly as 1-51A	listed previo	This weld was			
						······	···	255-19	O1.B9.21.0085 1
B09.02		0.375 / 2.500		SS	PT	NDE-35		s 1 51A 1	(
							D-ISIN4-101A-1.4	C	Circumferential
					ì	Pipe to Flange	•		
were transferred to Iso 1HP-255.	0 was deleted and welds	Weld Iso 1-51A-1	-10-19 until	usly as 1-51A	listed previo	This weld was			
5/2011 11:03:04 AM Page 38 of 78	Oconee 1 7/25		A Cat "C"	500			· /	06/18/00	Printed 07/25/11 gds5841

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J					days a contraction of the con-				
O1.B9.21.0145	1-51A-04-29C			*					
Circumferential	Class 1 51A	1-51A-04 O-ISIN4-101A-1.4	NDE-35	PT	SS		0.375 / 2.500		B09.021
O1.B9.21.0178	1-51A-04-39CB			No			as 15 mm representation 1 april 100 mm rest action 1000 mm	na na ang ang ang ang ang ang ang ang an	NET COLUMN CONTRACTOR COLUMN
Circumferential	Class 1 51A	1-51A-04 O-ISIN4-101A-1.4	NDE-35	PT	SS		0.375 / 2.500		B09.021
en des uns · · · · senatur uns	_		Pipe to Flange)					
O1.B9.21.0183	1-51A-04-39CA								
Circumferential	Class 1 51A	1-51A-04 O-ISIN4-101A-1.4	NDE-35	PT	SS		0.375 / 2.500		B09.021
O1.B9.21.0193	1HP-255-20		nia	· ·	1993.004 von 2000 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -				
Circumferential	Class 1 51A	1HP-255 O-ISIN4-101A-1.4	NDE-35	PT	SS		0.375 / 2.500		B09.021
			Pipe to Flange This weld was		ously as 1-514	-10-20 unti	l Weld Iso 1-51A-1	0 was deleted and welds were transfer	rred to Iso 1HP-255.
O1.B9.32.0010	1LP-102-1Z				· · · · · · · · · · · · · · · · · · ·				
Branch	Class 1 53A	1LP-102 O-ISIN4-102A-1.1	NDE-35	PT	SS		0.438 / 3.000		B09.032
							n are for weld 1. In ore the Iso was red	nspect both welds at the reinforcing col frawn.	lar.
O1.B9.40.0011	1RC-127-12							- <u></u>	۵. ۵. ۵۳۵ ۳۹ و و و و و و و و و و و و و و و و و و
Socket		1RC-127 O-ISIN4-100A-1.2	NDE-35	PT	SS	160	0.281 / 1.500		B09.040.011
			Pipe to Elbow Auxiliary Press This weld was	surizer Spray previously li	/ Line. sted as 1-50-	127-12 and	was shown on iso	metric 1-50-127.	

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J							<u>. </u>		
O1.B9.40.0012	1RC-127-16B								
Socket		1RC-127 O-ISIN4-100A-1.2	NDE-35	РТ	SS	160	0.281 / 1.500		B09.040.012
			Pipe to Full Co Auxiliary Pres	surizer Spray		-127-16B at	nd was shown on i	sometric 1-50-127.	
O1.B9.40.0013	1RC-127-19			pieviousiy		121-100 8			
01.89.40.0015		1RC-127	NDE-35	PT	SS	160	0.281 / 1.500		B09.040.013
Socket		O-ISIN4-100A-1.2		• •			0.2011 1.000		
			Elbow to Pipe Auxillary Pres This weld was	surizer Spray		-127-19 and	was shown on is	ometric 1-50-127.	
O1.B9.40.0014	1RC-127-23		r tine e transformation dimensionale di						
Circumferential		1RC-127 O-ISIN4-100A-1.2	NDE-35	РТ	SS	160	0.281 / 1.500		B09.040.01⊄
			Pipe to Tee 1.	5 x 1					
			Auxiliary Pres	surizer Spray		-127-23 and	was shown on isc	ometric 1-50-127.	
O1.B9.40.0017	1RC-261-226	······································							
		1RC-261	NDE-35	PT	SS		0.281 / 1.500		B09.040.017
Socket		O-ISIN4-100A-1.1							
			Pipe to Valve						
		and the statement of th	This weld was	previously l	isted as 1-50-	-01-226 and	was shown on ise	ometric 1-50-01(2).	
O1.B9.40.0018	1RC-261-228								
Socket	•	1RC-261 O-ISIN4-100A-1.1	NDE-35	PT	SS		0.281 / 1.500		B09.040.018
			Pipe to Elbow	,					

This weld was previously listed as 1-50-01-228 and was shown on isometric 1-50-01(2).

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O1.B9.40.0019	1RC-261-231								
On all at	Class 1 50	1RC-261	NDE-35	PT	SS		0.281 / 1.500		B09.040.01§
Socket		O-ISIN4-100A-1.1							
			Tee to Pipe						
			•	s previously	listed as 1-50-	01-231 and w	as shown on is	ometric 1-50-01(2).	
O1.B9.40.0020	1RC-261-265						·		
	Class 1 50	1RC-261	NDE-35	РТ	SS		0.281 / 1.500		B09.040.02(
Socket		O-ISIN4-100A-1.1							
			Pipe to Elbow	,					
			•		listed as 1-50-	01-265 and wa	as shown on ise	ometric 1-50-01(2).	
Category B-K									
O1.B10.10.0009	1-SGB-W15	and a second							
	Class 1 50	OM-201.S-0001	NDE-640	UT	CS		3.781 / 0.000	7310-0061	B10.010.00§
Circumferential		OM-201.S-0157 OM-201.S-0033							
			Support Skirt	to Head					
			Steam Gener Per ASME Se IWB-2500-14	ection XI, 19				on Category B-K, perfo	rm a UT from side A-B (see Figure
O1.B10.10.0009	1-SGB-W15								······································
		OM-201.S-0001	NDE-820	UT	CS		3.781 / 0.000	7310-0061	B10.010.00§
Circumferential		OM-201.S-0157 OM-201.S-0033							
			Support Skirt	to Head					
			Steam Gener Per ASME Se IWB-2500-14	ection XI, 199				on Category B-K, perfo	rm a UT from side A-B (see Figure
O1.B10.20.0004	1-53-0-479A-H	2						· · · · · · · · · · · · · · · · · · ·	an a
		1-53-07/sht.1	NDE-35	PT	SS		0.750 / 0.000		B10.020.011
Rigid Restraint		O-ISIN4-102A-1.1							

Calculation No. OSC-1301-06 , page 91. Inspect with O1.F1.11.0005

Spring Hyr O-ISIN4-102A-1.3 Category B-M-2 Category B-M-2 O1.812.80.0006 1LP-177 Class 1 53A OM-245-2315 O-ISIN4-102A-1.3 NDE-64 VT-3 SS 0.000 / 10.000 B12. O1.812.80.0007 1-53A-LP-1 Class 1 53A OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. O1.812.80.0007 1-53A-LP-1 Class 1 53A OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. O1.812.80.0007 1-53A-LP-4 Class 1 53A MDE-64 VT-3 SS 0.000 / 12.000 B12. O1.812.80.0007 1-53A-LP-4 Class 2 03 MDE-64 VT-3 SS 0.000 / 12.000 B12. O1.812.80.0007 1-53A-LP-4 Class 2 03 MDE-64 VT-3 SS 0.000 / 12.000 B12. O1.812.80.0007 1-53A-LP-4 Class 2 03 MDE-64 VT-3 SS 0.000 / 12.000 B12. O1.613.00002 1-5GB-W65 Class 2 03 M-201.5-0001 NDE-820 UT CS 5.000 / 137.875 20T-240 C01.	Summary Num	Component II Class / Syster		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Co	mponenet ID 2
Class 1 53A 1-53-09/sht 1 O-ISIN4-102A-1.3 NDE-35 PT SS 1.500 / 0.000 B10. Category B-M-2 Category B-M-2 Category B-M-2 Category ID-M-2 Category ID-M-2 Category ID-M-2 Decay ID	Category B-K										
Spring Hyr O-ISIN4-102A-1.3 Category B-M-2 Category B-M-2 01.B12.50.0006 1LP-177 Class 1 53A NDE-64 VT-3 SS 0.000 / 10.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 1 53A NDE-64 VT-3 SS 0.000 / 10.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 1 53A NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 1 53A NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 1 53A NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 2 NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 2 NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.C1.30.0002 1-5GB-W65 Class 2 04-201-5-0001 NDE-620 UT CS 5.000 / 137.875 20T-240 C01. 01.C1.30.0002 1-5GB-W65 Class 2 0M-201-5-0001 NDE-640 UT	O1.B10.20.0005						<u>.</u> .				
Category B-M-2 Class 1 53.4 OM-245-2315 O-ISIN4-102A-1.3 NDE-64 VT-3 SS 0.000 / 10.000 B12. 01.B12.50.0008 1.P-177 Class 1 53.4 OM-245-2315 O-ISIN4-102A-1.3 NDE-64 VT-3 SS 0.000 / 10.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 1 53.4 OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 1 53.4 OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.B12.50.0007 1-53A-LP-1 Class 1 53.4 OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. 0.1C1.30.0002 1-SGB-W65 Class 2 03 OM-201.5-0001 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. 01.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.8-0157 NDE-840 UT CS 5.000 / 137.875 20T-240 C01. 01.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.8-0157<	Spring Hgr	Class 1 53A		NDE-35	РТ	SS		1.500 / 0.000			B10.020.01€
01.812.50.0000 1LP-177 Class 1 53, OM-245-2315 O-ISIN4-102A-1.3 NDE-64 VT-3 SS 0.000 / 10.000 B12. 01.812.50.0007 1-53A-LP-1 Class 1 53, OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 10.000 B12. 01.812.50.0007 1-53A-LP-1 Class 1 53, OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.812.50.0007 1-53A-LP-1 Class 2 03 OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.6130.0002 1-SGB-W65 Class 2 03 OM-201.5-0001 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. Croumferential OM-201.S-0157 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. C1.130.0002 1-SGB-W65 Class 2 03 OM-201.S-0157 NDE-840 UT CS 5.000 / 137.875 20T-240 C01. C1.130.0002 1-SGB-W65 Class 2 03 OM-201.S-001 NDE-64 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-20				Calculation N	lo. OSC-1300	I.					
01.812.50.0000 1LP-177 Class 1 53, OM-245-2315 O-ISIN4-102A-1.3 NDE-64 VT-3 SS 0.000 / 10.000 B12. 01.812.50.0007 1-53A-LP-1 Class 1 53, OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 10.000 B12. 01.812.50.0007 1-53A-LP-1 Class 1 53, OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.812.50.0007 1-53A-LP-1 Class 2 03 OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. 01.6130.0002 1-SGB-W65 Class 2 03 OM-201.5-0001 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. Croumferential OM-201.S-0157 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. C1.130.0002 1-SGB-W65 Class 2 03 OM-201.S-0157 NDE-840 UT CS 5.000 / 137.875 20T-240 C01. C1.130.0002 1-SGB-W65 Class 2 03 OM-201.S-001 NDE-64 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-20	Category B-M-2								······································		
O-ISIN4-102A-1.3 B-Side LPI Valve Body 1LP-177 Internal Surfaces. Inspect one of the following valves: 1LP-176 or 1LP-177 only if valve is diseasembled for maintenance, repair, or volumetric examination. O1.B12.50.0007 1-53A-LP-1 Class 1 53A OM-245-2054 O-ISIN4-102A-1.1 NDE-84 VT-3 SS 0.000 / 12.000 B12. Decay Heat Suction Valve Body 1LP-1 Internal Surfaces. Inspect one of the following valves: 1LP-1 O-ISIN4-102A-1.1 Decay Heat Suction Valve Body 1LP-1 Internal Surfaces. Inspect one of the following valves: 1LP-1 O-ISIN4-102A-1.1 B12. Category C-A Decay Heat Suction Valve Body 1LP-1 Internal Surfaces. Inspect one of the following valves: 1LP-1 O-I.C1.30.0002 I-SGB-W65 Class 2 03 OM-201.S-0001 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. O1.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0157 NDE-840 UT CS 5.000 / 137.875 20T-240 C01. O1.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0157 NDE-840 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 NDE-840 UT CS 5.000 / 137.875		1LP-177	A Constraint of the second se Second second seco	and an ever a second se		• • • • • • • • • • • • • • • • • • •			antina katiyana asalan ku ar a katiyana ya katiyana ya katiyana katiyana katiyana katiyana katiyana katiyana k		
O1.B12.50.0007 1-53A-LP-1 Class 1 53A OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. Decay Heat Suction Valve Body 1LP-1 Internal Surfaces. Inspect one of the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. B12. Category C-A Decay Heat Suction Valve Body 1LP-1 Internal Surfaces. Inspect one of the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Colored the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Colored the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Colored the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Colored the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Colored the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Colored the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Colored the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Colored the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. O1.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0001 NDE-640 T CS 5.000 /		Class 1 53A		NDE-64	VT-3	SS		0.000 / 10.000			B12.050.00€
Class 1 53A OM-245-2054 O-ISIN4-102A-1.1 NDE-64 VT-3 SS 0.000 / 12.000 B12. Decay Heat Suction Valve Body 1LP-1 Internal Surfaces. Inspect one of the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. B12. Category C-A 01.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0001 OM-201.S-0157 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. Category C-A O1.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0157 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. Decay Heat Suction Valve Body 1LP-1 Internal Surfaces. Inspect one of the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Category C-A O1.C1.30.0002 1-SGB-W65 Class 2 O3 OM-201.S-0001 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Category C-2 Tubesheet to Shell Category C-2 Colspan="4">Category C-2		and the second	adalatica eleftenderaturale de la munera e a e a	B-Side LPI V disassembled	alve Body 1L d for maintena	P-177 Intern ance, repair,	al Surfaces. or volumetri	Inspect one of t	he following valv	es: 1LP-176 or 1LP-177 only if	valve is
O-ISIN4-102A-1.1 Decay Heat Suction Valve Body 1LP-1 Internal Surfaces. Inspect one of the following valves: 1LP-1 or 1LP-2 only if valve is disassembled for maintenance, repair, or volumetric examination. Category C-A O1.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Drawing OM-201.S-0001 OI.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0001 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Drawing OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Drawing OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1.	O1.B12.50.0007								<u></u>	ан <u>ан так каладар ал </u>	and a second
or 1LP-2 only if value is disassembled for maintenance, repair, or volumetric examination. Category C-A 01.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0001 OM-201.S-0157 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Drawing OM-201S-0001 shows 5 inch minimum wall at Weld W65. C01.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0001 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0001 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1.		Class 1 53A		NDE-64	VT-3	SS		0.000 / 12.000			B12.050.007
Category C-A 01.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0001 OM-201.S-0157 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Common Canadian Canadi											
Class 2 03 OM-201.S-0001 OM-201.S-0157 NDE-820 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Concerning CM-201.S-0001 Tubesheet to Shell Can # 1. Concerning CM-201.S-0157 Concerning CM-201.S-0157 Concerning CM-201.S-0157 Tubesheet to Shell Can # 1. Concerning CM-201.S-0157	Category C-A										······································
Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Drawing OM-201.S-0001 shows 5 inch minimum wall at Weld W65. O1.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0001 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1.	O1.C1.30.0002	1-SGB-W65	and and a second se								
Steam Generator 1B Lower Tubesheet to Shell Can # 1. Drawing OM-201S-0001 shows 5 inch minimum wall at Weld W65. O1.C1.30.0002 1-SGB-W65 Class 2 03 OM-201.S-0001 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Steam Generator 1B Lower Tubesheet to Shell Can # 1. C01.	Circumferential	Class 2 03		NDE-820	UT	CS		5.000 / 137.875	20T-240		C01.030.002
O1.C1.30.0002 1-SGB-W65 Class 2 OM-201.S-0001 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Steam Generator 1B Lower Tubesheet to Shell Can # 1. Steam Generator 1B Lower Tubesheet to Shell Can # 1. Steam Generator 1B Lower Tubesheet to Shell Can # 1.						r Tubesheet	to Shell Car	n # 1.			
O1.C1.30.0002 1-SGB-W65 Class 2 OM-201.S-0001 NDE-640 UT CS 5.000 / 137.875 20T-240 C01. Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1. Steam Generator 1B Lower Tubesheet to Shell Can # 1. Steam Generator 1B Lower Tubesheet to Shell Can # 1. Steam Generator 1B Lower Tubesheet to Shell Can # 1.				Drawing OM-	201S-0001	shows 5 inch	i minimum v	vall at Weld W65.			
Circumferential OM-201.S-0157 Tubesheet to Shell Steam Generator 1B Lower Tubesheet to Shell Can # 1.	O1.C1.30.0002	1-SGB-W65			- <u></u>		<u> </u>				
Steam Generator 1B Lower Tubesheet to Shell Can # 1.	Circumferential	Class 2 03		NDE-640	UT	CS		5.000 / 137.875	20T-240		C01.030.002
				Tubesheet to	Shell						
Drawing OM 201 - C 0001 shows 5 inch minimum wall at Wold W65				Steam Gener	rator 1B Lowe	r Tubesheet	to Shell Car	n # 1.			
Drawing OM-201S-0001 shows 5 inch minimum wall at Weld W65.		بادیده بریانیه در د دستو بری هه	analogi analogi analogi ang	Drawing OM-	201S-0001	shows 5 inch	minimum w	all at Weld W65.		undergram a sea state de contraction de la contraction de la contraction de la contraction de la contraction de	- 106
Printed 07/25/11 gds5841 v. 06/18/09 SDQA Cat "C" Oconee 1 7/25/2011 11:03:04 AM Page 4		044 0000000				~~~~	A 0-4 "0"	N avarian		00 1 7/25/2011 11:03:04 484	Page 42 of 78

Oconee 1, 4th Interval, outage 5 (EOC-26)

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Summary Num	Component IE Class / Systen		Procedure Description Comments	insp Reg	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-B	and tradition of the								
O1.C2.31.0001	1-LPCA-OUTL				-				
Circumferential	Class 2 53B	OM-201-3131 O-ISIN4-102A-1.2	NDE-35	PT	SS		0.750 / 16.000		C02.031.001
			Nozzle to She Decay Heat C		tlet Nozzie Re	ainforcina Pi	ate Welds to Nozz	zle and Vessel.	
O1.C2.31.0002	1-LPCA-INLET								The set of
Circumferential	Class 2 53B		NDE-35	РТ	SS		0.750 / 16.000		C02.031.002
			Nozzle to She Decay Heat C		at Nozzle Reir	nforcing Plat	e Welds to Nozzle	and Vessel	
Category C-C	, maarii 4 - Tohky Armaniseryyssen Johann								
O1.C3.20.0001	1-01A-0-550-H	13							
Rigid Support	Class 2 01A		NDE-25	МТ	CS		0.750 / 0.000		C03.020.001
			Calculation N	o. OSC-320,	page 131.1.	Inspect with	O1.F1.20.0001.		
O1.C3.20.0003	1-01A-0-481A-	H2A			· ·				
Rigid Support	Class 2 01A	1-01-07/sht.1 O-ISIN4-122A-1.1	NDE-25	МТ	CS		0.750 / 0.000		C03.020.003
			Calculation N					ination may be performed	in areas where MT examination
O1.C3.20.0007	1-03-0-480A-H	6B							
Rigid Support	Class 2 03	1-03-05/sht.2 O-ISIN4-121B-1.3	NDE-25	мт	CS		0.500 / 0.000		C03.020.01\$
			Calculation N Either a PT ex this item.					table methods to meet the	surface exam requirements for

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Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-C									
O1.C3.20.0007	1-03-0-480A-H6	-							-
Rigid Support	Class 2 03	1-03-05/sht.2 O-ISIN4-121B-1.3	NDE-35	PT	CS		0.500 / 0.000		C03.020.013
			Calculation N Either a PT e this Item.					table methods to meet th	e surface exam requirements for
O1.C3.20.0014	1-51-0-436D-SF	28							
Rigid Restraint		1-51-06/sht.1 O-ISIN4-101A-1.1 O-1AB-15106-01	NDE-35	PT	SS		0.750 / 0.000		C03.020.053
			Calculation N	o. OSC-1538	Inspect with	01.F1.21.0	0015.		
O1.C3.20.0016	1-51B-2-0-444-l			an an an Anna a	<u> </u>		and and a large and a second second and a second	and a second	
Rigid Support	Class 2 51B	1-51-06/sht.2 O-ISIN4-101A-1.1	NDE-35	PT	SS		0.750 / 0.000		C03.020.061
-		O-1AB-15106-02							
	n de deux a con tals formana della		Calculation N	o. OSC-1538	, page 94. In:	spect with O	1.F1.20.0032.		
O1.C3.20.0020	1-53B-5-0-436D	-H16			*			50	
	Class 2 53B		NDE-35	PT	SS		0.125 / 0.000		C03.020.094
Spring Hgr		O-ISIN4-102A-1.2 O-1AB-15302-02							
			Calculation N	o. OSC-408.	Inspect with	01.F1.22.00	023.		
							em 8 since thickne limension is need		sing the support sketch. Thickness
O1.C3.20.0024	1-54A-3-0-435B	-R3							
	Class 2 54A	1-54-02/sht.1	NDE-35	PT	SS		1.000 / 0.000		C03.020.102
Rigid Restraint		O-ISIN4-103A-1.1							
	an a		Calculation N	o: OSC-415,	page 50.				
O1.C3.20.0027	1-54A-3-0-439C						-		
	Class 2 54A		NDE-35	PT	SS		1.000 / 0.000		C03.020.105
Rigid Support		O-ISIN4-103A-1.1							
			Calculation N	o. OSC-417,	page 44.1. In	spect with C	01.F1.20.0052.		

Summary Num	Component IE Class / Systen		Procedure Description Comments	Insp Req	Material	Sched Thick/NPS	Cal Blocks	Componenet ID 2
Category C-C						anna an	alling of the second	
O1.C3.20.0028	1-55-1-0-439C	-SR12						
Rigid Restraint	Class 2 55	4-56-02/sht.1 O-ISIN4-144A-1.2	NDE-25	MT	CS	1.000 / 0.000		C03.020.111
			Calculation No	. OSC-1549	, page 101.			
O1.C3.30.0001	1-HPI-A-SUPP	ORT	 			gang dinang mga katan ang katang mga pang manang katang ang katang katang katang katang katang katang katang k Katang dinang katang	na na ana ana ana ana ana ana ana ana a	
	Class 2 51A		NDE-35	PT	SS	2.000 / 0.000		C03.030.001
			Plate to Casin HPI Pump 1A.	-				
Category C-F-1								
O1.C5.11.0029	1LP-128-80							
	Class 2 53A		PDI-UT-2	UT	SS	1.168 / 12.000		C05.011.007,
Circumferential		O-ISIN4-102A-1.2					40413	C05.011.007#
			Reducer to Va	lve 1LP-18				
			Procedure ND used, then the				PDI-UT-2 may be used in	n lieu of NDE-600. If PDI-UT-2 is
						the surface exam from the Fo exclusion of surface exams.	ourth Interval ISI Plan. S	ee PIP G-08-00185 (CA # 10) and
O1.C5.11.0048	1-53A-01-21L					<u></u>		
	Class 2 53A	1-53A-01(2)	NDE-600	UT	SS	1.000 / 10.000	Component	C05.011.026, C05.011.026A
Circumferential		O-ISIN4-102A-1.3						600.011.020r
			Elbow to Pipe Procedure ND used, then the				PDI-UT-2 may be used in	n lieu of NDE-600. If PDI-UT-2 is
						the surface exam from the Fo exclusion of surface exams.	urth Interval ISI Plan. So	ee PIP G-08-00185 (CA # 10) and

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Summary Num Category C-F-1	Component ID Class / Systen		Procedure Description Comments	Insp Req	Material	Sched Thick/NPS	Cal Blocks	Componenet ID 2
01.C5.11.0081	1LP-209-1		- 11-1110	• • • • • • • • •		an a	an a	anna a chuir an ann an
01.05.11.0081	Class 2 53A	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS	1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.059, C05.011.059/
Circumferential								
			Elbow to Pipe Procedure NE used, then the	E-600 uses 1			PDI-UT-2 may be used in lieu	u of NDE-600. If PDI-UT-2 is
						the surface exam from the F exclusion of surface exams		IP G-08-00185 (CA # 10) and
O1.C5.11.0082	1LP-209-10							
	Class 2 53A	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS	1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.060, C05.011.060/
Circumferential								
			Pipe to Elbow Procedure NE used, then the	E-600 uses t			PDI-UT-2 may be used in lieu	a of NDE-600. If PDI-UT-2 is
			· · · · · · · · · · · · · · · · · · ·			the surface exam from the F exclusion of surface exams		IP G-08-00185 (CA # 10) and
O1.C5.11.0083	1LP-209-11		· · · · · · · · · · · · · · · · · · ·					
	Class 2 53A	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS	1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.061 C05.011.061/
Circumferential								
			Pipe to Tee					
			Procedure NE used, then the				PDI-UT-2 may be used in lieu	of NDE-600. If PDI-UT-2 is
						the surface exam from the F exclusion of surface exams		IP G-08-00185 (CA # 10) and

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Summary Num Category C-F-1	Component II Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
O1.C5.11.0084	1LP-209-17 Class 1 53A	1LP-209 O-ISIN4-102A-1,3	PDI-UT-2	UT	SS		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.062, C05.011.062/
Circumferential								101-01-274-0	
			Flow Restricto	•					
			Procedure NE used, then the					PDI-UT-2 may be used in I	lieu of NDE-600. If PDI-UT-2 is
							exam from the Fo		9 PIP G-08-00185 (CA # 10) and
O1.C5.11.0085	1LP-209-18						*	, <u>, , , , , , , , , , , , , , , , , , </u>	᠁᠁᠁ _{ϒϒϒ} ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
	Class 1 53A	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.063, C05.011.0634
Circumferential								FDI-01-2A-0	
			Pipe to Flow F	Restrictor					
			Procedure NE used, then the					PDI-UT-2 may be used in I	lieu of NDE-600. If PDI-UT-2 is
							exam from the Fo		9 PIP G-08-00185 (CA # 10) and
O1.C5.11.0086	1LP-209-2							₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	e
	Class 2 53A	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.064, C05.011.064A
Circumferential									
			Pipe to Elbow						
			Procedure NE used, then the					PDI-UT-2 may be used in I	lieu of NDE-600. If PDI-UT-2 is
							exam from the Fo		● PIP G-08-00185 (CA # 10) and
									· · · · · · · · · · · · · · · · · · ·

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		Comments						
	angan manakaka angan mga mata ang ang ang ang ang ang ang ang ang an						herman an and a star way where is a difference in	an a
P-209-24 Iss 2 53A	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.065 C05.011.065
		Valve 1LP-17	7 to Pipe					
						tion. Procedure I	PDI-UT-2 may be used in lieu	of NDE-600. If PDI-UT-2 is
							ourth interval ISI Plan. See Pl	P G-08-00185 (CA # 10) and
-209-3	HENNENNEN ,						₩ <u>₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩</u> ₩₩₩₩₩	
		PDI-UT-2	UT	SS		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.066 C05.011.066
		Procedure ND	E-600 uses t	he compone lock listed st	nt for calibra all be used.	tion. Procedure I	PDI-UT-2 may be used in lieu	of NDE-600. If PDI-UT-2 is
							ourth interval ISI Plan. See Pl	P G-08-00185 (CA # 10) and
P-209-4	na mana ana amin'ny fisiana amin'n							
	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS		1.000 / 10.000	PDI-UT-2-O	C05.011.067 C05.011.067
		Pipe to Elbow						
		Procedure ND	E-600 uses t calibration b	he compone lock listed st	nt for calibra nall be used.	tion. Procedure I	PDI-UT-2 may be used in lieu	of NDE-600. If PDI-UT-2 is
							ourth Interval ISI Plan. See Pl	P G-08-00185 (CA # 10) and
	2-209-3 ss 2 53A 2-209-4	O-ISIN4-102A-1.3 209-3 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 209-4 ss 2 53A 1LP-209	O-ISIN4-102A-1.3 Valve 1LP-177 Procedure ND used, then the Code Case N- Calc OSC-976 PDI-UT-2 O-ISIN4-102A-1.3 Elbow to Pipe Procedure ND used, then the Code Case N- Calc OSC-975 P-209-4 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Elbow Procedure ND used, then the Code Case N- Calc OSC-975	O-ISIN4-102A-1.3 Valve 1LP-177 to Pipe Procedure NDE-600 uses 1 used, then the calibration b Code Case N-663 allows u Calc OSC-9796 Rev.1 for of O-ISIN4-102A-1.3 Elbow to Pipe Procedure NDE-600 uses 1 used, then the calibration b Code Case N-663 allows u Calc OSC-9796 Rev.1 for of P-209-4 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Elbow Procedure NDE-600 uses 1 used, then the calibration b Code Case N-663 allows u	O-ISIN4-102A-1.3 Valve 1LP-177 to Pipe Procedure NDE-600 uses the compone used, then the calibration block listed st Code Case N-663 allows us to exclude i Calc OSC-9796 Rev.1 for details on the Procedure NDE-600 uses the compone used, then the calibration block listed st Code Case N-663 allows us to exclude i Calc OSC-9796 Rev.1 for details on the Procedure NDE-600 uses the compone used, then the calibration block listed st Code Case N-663 allows us to exclude i Calc OSC-9796 Rev.1 for details on the Procedure NDE-600 uses the compone used, then the calibration block listed st Code Case N-663 allows us to exclude i Calc OSC-9796 Rev.1 for details on the Procedure NDE-600 uses the compone used, then the calibration block listed st Code Case N-663 allows us to exclude i	O-ISIN4-102A-1.3 Valve 1LP-177 to Pipe Procedure NDE-600 uses the component for calibra used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface of Calc OSC-9796 Rev.1 for details on the exclusion of P-209-3 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 Elbow to Pipe Procedure NDE-600 uses the component for calibra used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface of Calc OSC-9796 Rev.1 for details on the exclusion of P-209-4 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Elbow Procedure NDE-600 uses the component for calibra used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface of Calc OSC-9796 Rev.1 for details on the exclusion of P-209-4 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Elbow Procedure NDE-600 uses the component for calibra used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface of P-209-4	O-ISIN4-102A-1.3 Valve 1LP-177 to Pipe Procedure NDE-600 uses the component for calibration. Procedure I used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exams from the Fo Calc OSC-9796 Rev.1 for details on the exclusion of surface exams. PDI-UT-2 UT SS 1.000 / 10.000 O-ISIN4-102A-1.3 Elbow to Pipe Procedure NDE-600 uses the component for calibration. Procedure I used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exams from the Fo Calc OSC-9796 Rev.1 for details on the exclusion of surface exams. P-209-4 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Elbow Procedure NDE-600 uses the component for calibration. Procedure I used, then the calibration block listed shall be used.	O-ISIN4-102A-1.3 PDI-UT-2-O PDI-UT-2A-O Valve 1LP-177 to Pipe Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu used, then the calibration block listed shall be used. Code Case N-863 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See PI Calc OSC-9786 Rev.1 for details on the exclusion of surface exams. *209-3 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 PDI-UT-2 UT SS 1.000 / 10.000 40354 PDI-UT-2-O PDI-UT-2-O Elbow to Pipe Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu used, then the calibration block listed shall be used. Code Case N-863 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See PI Calc OSC-9795 Rev.1 for details on the exclusion of surface exams. *209-4 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 PDI-UT-2 UT SS 1.000 / 10.000 40354 PDI-UT-2-O PDI-UT-2-O PDI-UT-2-O *209-4 ss 2 53A 1LP-209 O-ISIN4-102A-1.3 PDI-UT-2 UT SS 1.000 / 10.000 40354 PDI-UT-2-O PDI-UT-2-O PDI-UT-2-O *209-4 used, then the calibration block listed shall be used. PDI-UT-2-O PDI-UT-2-O PDI-UT-2-O PDI-UT-2-O PDI-UT-2-O

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Class / System		Description Comments					
1LP-209-8 Class 2 53A	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	ÜT	SS	1.000 /	PDI-UT-2-O	C05.011.068 C05.011.068/
						ocedure PDI-UT-2 may be used in lie	eu of NDE-600. If PDI-UT-2 is
							PIP G-08-00185 (CA # 10) and
1LP-209-9					AN A THE A THE AND A THE A	ana ang ang ang ang ang ang ang ang ang	epis and young a start of the start and the start of th
	1LP-209 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS	1.000 /	PDI-UT-2-O	C05.011.069 C05.011.069/
						10101-20-0	
		Pipe to Tee					
						ocedure PDI-UT-2 may be used in lie	eu of NDE-600. If PDI-UT-2 is
у, уу уус алад с а. жалад							PIP G-08-00185 (CA # 10) and
1LP-210-58L							
		PDI-UT-2	UT	SS	1.000 /	' 10.000 40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.070, C05.011.070/
		Elbow to Pipe					
		Procedure ND	E-600 uses t	he compone	nt for calibration. Pro	0-02(2) until it was transferred to isc ocedure PDI-UT-2 may be used in lie	o 1LP-210. ou of NDE-600. If PDI-UT-2 is
							PIP G-08-00185 (CA # 10) and
	Class 2 53A 1LP-209-9 Class 2 53A 1LP-210-58L Class 2 53A	Class 2 53A 1LP-209 O-ISIN4-102A-1.3 1LP-209-9 Class 2 53A 1LP-209 O-ISIN4-102A-1.3	Comments 1LP-209-8 Class 2 53A 1LP-209 PDI-UT-2 O-ISIN4-102A-1.3 Pipe to Tee Procedure ND used, then the Code Case N Calc OSC-975 1LP-209-9 Class 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Tee Procedure ND used, then the Code Case N Calc OSC-975 1LP-209-9 Class 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Tee Procedure ND used, then the Code Case N Calc OSC-975 1LP-210-58L Class 2 53A 1LP-210 O-ISIN4-102A-1.3 PDI-UT-2 O-ISIN4-102A-1.3 Elbow to Pipe This weld was Procedure ND used, then the Code Case N- Code Case N-	Comments 1LP-209-8 Class 2 53A 1LP-209 PDI-UT-2 UT O-ISIN4-102A-1.3 Pipe to Tee Procedure NDE-600 uses 1 used, then the calibration to Code Case N-663 allows u Calc OSC-9796 Rev.1 for content of the calibration to 1LP-209-9 Class 2 53A 1LP-209 PDI-UT-2 UT O-ISIN4-102A-1.3 Pipe to Tee Procedure NDE-600 uses 1 used, then the calibration to Code Case N-663 allows u Calc OSC-9796 Rev.1 for content of the calibration to Code Case N-663 allows u Calc OSC-9796 Rev.1 for content of the calibration to Class 2 53A 1LP-210 PDI-UT-2 UT 0-ISIN4-102A-1.3 PDI-UT-2 UT 1LP-210-58L PDI-UT-2 UT Class 2 53A 1LP-210 PDI-UT-2 UT O-ISIN4-102A-1.3 PDI-UT-2 UT Elbow to Pipe This weld was listed previo Procedure NDE-600 uses 1 Used, then the calibration to code Case N-663 allows u Class 2 63A 1LP-210 PDI-UT-2 UT	Comments 1LP-209-8 Class 2 53A 1LP-209 PDI-UT-2 UT SS O-ISIN4-102A-1.3 Pipe to Tee Procedure NDE-600 uses the componer used, then the calibration block listed sh Code Case N-663 allows us to exclude t Calc OSC-9796 Rev.1 for details on the 1LP-209-9 PDI-UT-2 UT SS Class 2 53A 1LP-209 PDI-UT-2 UT SS O-ISIN4-102A-1.3 Pipe to Tee Procedure NDE-600 uses the componer used, then the calibration block listed sh Code Case N-663 allows us to exclude t Calc OSC-9796 Rev.1 for details on the 1LP-210-58L Class 2 53A 1LP-210 PDI-UT-2 UT SS 0-ISIN4-102A-1.3 PDI-UT-2 UT SS 1LP-210-58L Class 2 53A 1LP-210 PDI-UT-2 UT SS 0-ISIN4-102A-1.3 PDI-UT-2 UT SS Elbow to Pipe This weld was listed previously as 1-53A Procedure NDE-600 uses the componer used, then the calibration block listed sh Code Case N-663 allows us to exclude t	Comments 1LP-209-8 Class 2 53A 1LP-209 PDI-UT-2 UT SS 1.000 / O-ISIN4-102A-1.3 Pipe to Tee Procedure NDE-600 uses the component for calibration. Proused, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exam from Calc OSC-9796 Rev.1 for details on the exclusion of surface 1LP-209-9 Class 2 53A 1LP-209 PDI-UT-2 UT SS 1.000 / O-ISIN4-102A-1.3 Pipe to Tee Procedure NDE-600 uses the component for calibration. Proused, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exam from Calc OSC-9796 Rev.1 for details on the exclusion of surface Code Case N-663 allows us to exclude the surface exam from Calc OSC-9796 Rev.1 for details on the exclusion of surface Class 2 53A 1LP-210 PDI-UT-2 UT SS 1.000 / O-ISIN4-102A-1.3 PDI-UT-2 UT SS 1.000 / Class 2 53A 1LP-210 PDI-UT-2 UT SS 1.000 / O-ISIN4-102A-1.3 Elbow to Pipe This weld was listed previously as 1-53A-02-58L on iso 1-53 Procedure NDE-600 uses the component for calibration. Proused, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exam from the calibration block listed shall be used.	Comments 1LP-209-8 Class 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Tee Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lie used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See Calc OSC-9796 Rev.1 for details on the exclusion of surface exams. 1LP-209-9 Class 2 53A 1LP-209 PDI-UT-2 O-ISIN4-102A-1.3 Pipe to Tee Procedure NDE-600 uses the component for calibration of surface exams. 1LP-209-9 Class 2 53A 1LP-209 O-ISIN4-102A-1.3 Pipe to Tee Procadure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lie used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See Calc OSC-9796 Rev.1 for details on the exclusion of surface exams. 1LP-210-58L Class 2 53A 1LP-210 O-ISIN4-102A-1.3 PDI-UT-2 UT 2 O-ISIN4-102A-1.3 PDI-UT-2 UT 2

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1									
O1.C5.11.0093	1LP-210-59L Class 2 53A	1LP-210 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.071, C05.011.071A
Circumferential									
			Pipe to Elbow	,					
				E-600 uses	the compone	nt for calibrat	tion. Procedure	until it was transferred to is PDI-UT-2 may be used in li	eo 1LP-210. ieu of NDE-600. If PDI-UT-2 is
		nane Mantanan 2014, aataa ka k					exam from the Fisurface exams.		PIP G-08-00185 (CA # 10) and
O1.C5.11.0094	1LP-210-60								
	Class 2 53A	1LP-210 O-ISIN4-102A-1.3	PDI-UT-2	ŬΤ	SS		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.072, C05.011.0724
Circumferential									
			Pipe to Elbow Procedure NE used, then the	E-600 uses			tion. Procedure	PDI-UT-2 may be used in li	eu of NDE-600. If PDI-UT-2 is
							exam from the F surface exams.		PIP G-08-00185 (CA # 10) and
O1.C5.11.0095	1LP-210-61								z poszta feletetetetetetetetetetetetetetetetetete
	Class 2 53A	1LP-210 O-ISIN4-102A-1.3	PDI-UT-2	UT	SS		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.073, C05.011.073¢
Circumferential									
			Pipe to Elbow						
			Procedure NE used, then the				tion. Procedure	PDI-UT-2 may be used in li	eu of NDE-600. If PDI-UT-2 is
							exam from the Fo surface exams.		PIP G-08-00185 (CA # 10) and
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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1		· ····································							
O1.C5.11.0096	1LP-210-62 Class 2 53A	1LP-210 O-ISIN4-102A-1.3	PDI-UT-2	'UT	SS:		1.000 / 10.000	40354 PDI-UT-2-O PDI-UT-2A-O	C05.011.074 C05.011.074
			Pipe to Elbow		iha asmaana	nt for calibr	otion Dreadure	DDI UT 2 mou he wood is lie	
			used, then the					PDI-01-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
, Approvation at the subscription approva	• •••	ر ۱۹۹۹ کار میروند. در ۱۹۹۹ در میروند میروند. ۱۹۹۹ کار میروند میروند میروند میروند میروند میروند میروند میروند می	Code Case N Calc OSC-979	-663 allows u 96 Rev.1 for	is to exclude details on the	the surface exclusion of	exam from the F	ourth Interval ISI Plan. See F	PIP G-08-00185 (CA # 10) and
O1.C5.11.0097	1LP-210-63								
	Class 2 53A		PDI-UT-2	UT	SS		1.000 / 10.000		C05.011.075
		O-ISIN4-102A-1.3						PDI-UT-2-0 PDI-UT-2A-0	C05.011.075
Circumferential									
			Pipe to Elbow Procedure ND used, then the	E-600 uses				PDI-UT-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
			Code Case N Calc OSC-979	-663 allows u 96 Rev.1 for (is to exclude details on the	the surface exclusion of	exam from the F	ourth Interval ISI Plan. See F	PIP G-08-00185 (CA # 10) and
O1.C5.11.0105	1LPS-753-2								
	Class 2 14B	1LPS-753	NDE-600	UT	SS		0.432 / 6.000		C05.011.083
		O-ISIN4-124B-1.2						Component	C05.011.083/
Circumferential									
			Elbow to Elbo	w					
			Procedure ND used, then the					PDI-UT-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
							exam from the Fe		PIP G-08-00185 (CA # 10) and

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1		a mang kanang mang kanang mang pang kanang mang pang kanang mang pang kanang pang kanang pang kanang kanang pan				and sector and an electronic state of the sector state of the sect	an a	
O1.C5,11.0106	1LPS-753-3 Class 2 14B	1LPS-753 O-ISIN4-124B-1.2	NDE-600	UT	SS	0.432 / 6.000) Component	C05.011.084, C05.011.084/
Circumferential		-					·	
			Elbow to Pipe	I				
			Procedure NI used, then the				e PDI-UT-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
			Code Case N Calc OSC-97	-663 allows u 96 Rev.1 for	is to exclude details on the	the surface exam from the exclusion of surface exam	Fourth Interval ISI Plan. See F s.	PIP G-08-00185 (CA # 10) and
O1.C5.21.0006	1HP-192-15							
	Class 2 51A	1HP-192 O-ISIN4-101A-1.4	PDI-UT-2	UT	SS	0.531 / 4.000) 40406 PDI-UT-2A-Q	C05.021.006, C05.021.006/
Circumferential							F DF0 F2A-0	
			Pipe to Flang	e Orifice				
			Procedure NE used, then the				e PDI-UT-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
-						the surface exam from the exclusion of surface exam	Fourth Interval ISI Plan. See F	PIP G-08-00185 (CA # 10) and
O1.C5.21.0008	1-51A-123-6							94.
	Class 2 51A	1-51A-123 O-ISIN4-101A-1.4	PDI-UT-2	UT	SS	0.531 / 4.000) 40406	C05.021.011, C05.021.011/
Circumferential					_		PDI-UT-2A-O	
			Pipe to Elbow					
			•	E-600 uses			e PDI-UT-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
						the surface exam from the		

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1								annan direction and the off Pi-trigging parameters and provide states of the	
01.C5.21.0013	1HP-191-7 Class 2 51A	1HP-191 O-ISIN4-101A-1.4	PDI-UT-2	UT	SS		0.531 / 4.000	40406 PDI-UT-2A-Q	C05.021.028 C05.021.028/
Circumferential									
			Pipe to Elbow						
			Procedure ND used, then the				tion. Procedure	PDI-UT-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
							exam from the F f surface exams		PIP G-08-00185 (CA # 10) and
O1.C5.21.0024	1-51A-01-91A	<u></u>							
	Class 2 51A	1-51A-01(3) O-ISIN4-101A-1.3	PDI-UT-2	UT	SS		0.531 / 4.000	40406	C05.021.043 C05.021.043
Circumferential		U-ISIN4-101A-1.3						40406	,
			Pipe to Valve	1HP-128					
			Procedure ND used, then the	E-600 uses calibration t	the compone block listed si	nt for calibra nall be used.	tion. Procedure	PDI-UT-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
							exam from the F f surface exams		PIP G-08-00185 (CA # 10) and
O1.C5.21.0028	1-51A-01-115A								
	Class 2 51A	••	PDI-UT-2	UT	SS		0.531 / 4.000	10.100	C05.021.049, C05.021.049/
		O-ISIN4-101A-1.3						40406 PDI-UT-2A-O	000.021.010
Circumferential									
			Tee to Pipe						
			Procedure ND used, then the				tion. Procedure	PDI-UT-2 may be used in lie	u of NDE-600. If PDI-UT-2 is
			Code Case N-	-663 allows u	s to exclude	the surface e	exam from the F	ourth Interval ISI Plan. See I	PIP G-08-00185 (CA # 10) and

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Oconee 1, 4th interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1									
O1.C5.21.0034	1-51A-02-22B			-		•••••	_		
	Class 2 51A		PDI-UT-2	UT	SS		0.531 / 4.000	50275	C05.021.055 C05.021.055
Circumferential		O-ISIN4-101A-1.4						PDI-UT-2A-O	C05.021.055
Circumerentiat									
			Tee to Pipe						
			Procedure ND used, then the					PDI-UT-2 may be used in lieu	of NDE-600. If PDI-UT-2 is
							exam from the For		IP G-08-00185 (CA # 10) and
O1.C5.21.0037	1-51A-03-74B								
	Class 2 51A	• •	PDI-UT-2	UT	SS		0.531 / 4.000	50275	C05.021.059 C05.021.059
Circumferential		O-ISIN4-101A-1.4						PDI-UT-2A-O	603.021.035
Circumerentia									
			Pipe to Elbow	,					
				E-600 uses				PDI-UT-2 may be used in lieu	of NDE-600. If PDI-UT-2 is
							exam from the F of surface exams.		IP G-08-00185 (CA # 10) and
O1.C5.21.0041	1HP-324-118B					<u></u>			
	Class 2 51A	1HP-324	PDI-UT-2	UT	SS		0.375 / 2.500		C05.021.065
.		O-ISIN4-101A-1.4						40378	C05.021.065
Circumferential									
			Tee to Valve	1HP-119					
			Procedure NE used, then the					PDI-UT-2 may be used in lieu	of NDE-600. If PDI-UT-2 is
			Code Case N	-663 allows u	is to exclude	the surface	exam from the F	ourth Interval ISI Plan, See P	IP G-08-00185 (CA # 10) and

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num Category C-F-1	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Co	nponenet ID 2
	4 544 00 040	а Рам, тау даагын атаан араан ар 	10.1 (BT				·····	and the second		
O1.C5.21.0053	1-51A-02-34B Class 2 51A	1-51A-02	NDE-35	PT	SS		0.531 / 4.000			C05.021.090, C05.021.090/
Circumferential		O-ISIN4-101A-1.4								
			Elbow to Valv Procedure NE used, then the	E-600 uses				PDI-UT-2 may be used i	n lieu of NDE-600. If PD	I-UT-2 is
O1.C5.21.0053	1-51A-02-34B								······································	
	Class 2 51A	1-51A-02 O-ISIN4-101A-1.4	PDI-UT-2	UT	SS		0.531 / 4.000	50275		C05.021.090, C05.021.090/
Circumferential										
			Elbow to Valv	e 1HP-134						
			Procedure NE used, then the	E-600 uses	the compone block listed st	nt for calibra all be used.	tion. Procedure	PDI-UT-2 may be used i	n lieu of NDE-600. If PD	I-UT-2 is
O1.C5.21.0057	1HP-193-12				· · · · · · · · · · · · · · · · · · ·					
	Class 2 51A	1HP-193 O-ISIN4-101A-1.4	PDI-UT-2	UT	SS		0.531 / 4.000	50275		C05.021.096 C05.021.096
Circumferential										
			Tee to Valve	1HP-26						
			Procedure NE used, then the					PDI-UT-2 may be used i	n lieu of NDE-600. If PD	I-UT-2 is
							exam from the For f surface exams.	ourth Interval ISI Plan. S	ee PIP G-08-00185 (CA	# 10) and
O1.C5.21.0066	1-51A-01-103A					and an article and a second				
	Class 2 51A	1-51A-01(4) O-ISIN4-101A-1.3	PDI-UT-2	UT	SS		0.438 / 3.000	50225 PDI-UT-2A-O		C05.021.110, C05.021.110
Circumferential										
			Valve 1HP-10	9 to Pipe						
			Procedure NE used, then the	E-600 uses calibration t	the compone block listed sh	nt for calibra nall be used.	ition. Procedure l	PDI-UT-2 may be used in	n lieu of NDE-600. If PD	I-UT-2 is
							exam from the Fe f surface exams.	ourth Interval ISI Plan. S	ee PIP G-08-00185 (CA	# 10) and
Printed 07/25/11 gds58	841 v. 06/18/09			<u>.</u>	SDQ	A Cat "C"		Oconee 1 7/	/25/2011 11:03:04 AM	Page 55 of 78

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet II
Category C-F-1		anna - , sailteaniiki filosoo, saggan ahiisanaan asaa - aasaa 			······································				antan ang ang ang ang ang ang ang ang ang a
01.C5.21.0067	1-51B-67-1 Class 2 51B	1 510 67			~~		0 000 / 0 500		005 004
	Class 2 516	0-ISIN4-101A-1.2	PDI-UT-2	UT	SS		0.203 / 2.500	50437	C05.021.1 C05.021.1
Circumferential									
			Tee to Reduc	er					
			Procedure NC used, then the					PDI-UT-2 may be used in	n lieu of NDE-600. If PDI-UT-2 is
							exam from the Fo f surface exams.	ourth Interval ISI Plan. Se	ee PIP G-08-00185 (CA # 10) and
O1.C5.21.0070	1HP-367-28	- <u> </u>		. <u></u>					
	Class 2 51B		PDI-UT-2	UT	SS		0.237 / 4.000	PDI-UT-2A-O	C05.021.1 C05.021.1
		O-ISIN4-101A-1.1						8279-0416 PDI-UT-2-0	C05.021.1
Circumferential								FDI-01-2-0	
			Tee to Pipe						
			Procedure NE used, then the					PDI-UT-2 may be used in	a lieu of NDE-600. If PDI-UT-2 is
							exam from the Fo f surface exams.	ourth Interval ISI Plan. Se	ee PIP G-08-00185 (CA # 10) and
Category C-F-2									
O1.C5.51.0005	1MS-001-12						····		
	Class 2 01A	1MS-001	NDE-600	UT	CS		1.164 / 34" I.D.	Component	C05.051.0 C05.051.0
Circumferential		O-ISIN4-122A-1.1							
			Pipe to Pipe						· · · ·
				E-600 uses	the compone	nt for calibra			n lieu of NDE-600. If PDI-UT-1 is
							exam from the Fo f surface exams.	ourth interval ISI Plan. Se	ee PIP G-08-00185 (CA # 10) and
			used, then the Code Case N	e calibration i -663 allows u	block listed sh is to exclude	all be used. the surface o	exam from the Fo	·	

Oconee 1, 4th Interval, outage 5 (EOC-26)

S13A-A s 2 01A	1MS-064 O-ISIN4-122A-1.1	NDE-600	UT	cs				
s2 01A		NDE-600	UT	CS				
	O-ISIN4-122A-1.1					1.164 / 34" I.D.	Component	C05.051.007 C05.051.007/
								000.001.0017
		Pipe to Elbow						
			E-600 uses	the componer		on. Procedure I	PDI-UT-1 may be used in lie	u of NDE-600. If PDI-UT-1 is
9 19 10 19 19 19 19 19 19 19 19 19 19 19 19 19							ourth Interval ISI Plan. See F	PIP G-08-00185 (CA # 10) and
W-182-9		-						
		PDI-UT-1	UT	CS		0.432 / 6.000		C05.051.023 C05.051.023
•	0-131114-1210-1.1						PDI-UT-1A-O	
		Elbow to Pipe						
						on. Procedure f	PDI-UT-1 may be used in lie	u of NDE-600. If PDI-UT-1 is
							ourth Interval ISI Plan. See F	이P G-08-00185 (CA # 10) and
W-182-10	<u> </u>							
		PDI-UT-1	UT	CS		0.432 / 6.000		C05.051.024, C05.051.0244
(0-ISIN4-121D-1.1							C05.051.024F
		Pipe to Valve	1FDW-233					
						on. Procedure f	PDI-UT-1 may be used in lie	u of NDE-600. If PDI-UT-1 is
							ourth Interval ISI Plan. See F	이P G-08-00185 (CA # 10) and
s	2 03A V-182-10 2 03A	2 03A 1FDW-182 O-ISIN4-121D-1.1 V-182-10	used, then the Code Case N- Calc OSC-979 2 03A 1FDW-182 PDI-UT-1 O-ISIN4-121D-1.1 Elbow to Pipe Procedure ND used, then the Code Case N- Calc OSC-979 V-182-10 2 03A 1FDW-182 PDI-UT-1 O-ISIN4-121D-1.1 Pipe to Valve Procedure ND used, then the Code Case N- Calc OSC-979	used, then the calibration to Code Case N-663 allows un Calc OSC-9796 Rev.1 for a V-182-9 2 03A 1FDW-182 O-ISIN4-121D-1.1 Elbow to Pipe Procedure NDE-600 uses to used, then the calibration to Code Case N-663 allows un Calc OSC-9796 Rev.1 for a V-182-10 2 03A 1FDW-182 O-ISIN4-121D-1.1 Pipe to Valve 1FDW-233 Procedure NDE-600 uses to used, then the calibration to Code Case N-663 allows un Calc OSC-9796 Rev.1 for a V-182-10 C-ISIN4-121D-1.1	v-182-9 2 03A 1FDW-182 O-ISIN4-121D-1.1 Elbow to Pipe Procedure NDE-600 uses the componer used, then the calibration block listed sh Code Case N-663 allows us to exclude t Calc OSC-9796 Rev.1 for details on the V-182-10 2 03A 1FDW-182 O-ISIN4-121D-1.1 PDI-UT-1 UT CS O-ISIN4-121D-1.1 PDI-UT-1 UT CS O-ISIN4-121D-1.1 PDI-UT-1 UT CS O-ISIN4-121D-1.1 Pipe to Valve 1FDW-233 Procedure NDE-600 uses the componer used, then the calibration block listed sh Code Case N-663 allows us to exclude t	used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface ex Calc OSC-9796 Rev.1 for details on the exclusion of V-182-9 *2 03A 1FDW-182 PDI-UT-1 UT CS O-ISIN4-121D-1.1 Elbow to Pipe Procedure NDE-600 uses the component for calibrati used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface ex Calc OSC-9796 Rev.1 for details on the exclusion of V-182-10 *2 03A 1FDW-182 PDI-UT-1 UT CS O-ISIN4-121D-1.1 Pipe to Valve 1FDW-233 Procedure NDE-600 uses the component for calibrati used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exclusion of	v-182-9 2 03A 1FDW-182 V-182-9 2 03A 1FDW-182 PDI-UT-1 UT CS 0.432 / 6.000 O-ISIN4-121D-1.1 Elbow to Pipe Procedure NDE-600 uses the component for calibration. Procedure F used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exam from the Fc Calc OSC-9796 Rev.1 for details on the exclusion of surface exams. V-182-10 i 2 03A 1FDW-182 PDI-UT-1 UT CS 0.432 / 6.000 O-ISIN4-121D-1.1 Pipe to Valve 1FDW-233 Procedure NDE-600 uses the component for calibration. Procedure F used, then the calibration block listed shall be used.	Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See F Calc OSC-9796 Rev.1 for details on the exclusion of surface exams. V-182-9 12 03A 1FDW-182 PDI-UT-1 UT CS 0.432 / 6.000 O-ISIN4-121D-1.1 PDI-UT-1-O PDI-UT-1A-O Elbow to Pipe Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lier used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See F Calc OSC-9796 Rev.1 for details on the exclusion of surface exams. V-182-10 12 03A 1FDW-182 PDI-UT-1 UT CS 0.432 / 6.000 O-ISIN4-121D-1.1 PDI-UT-1 UT CS 0.432 / 6.000 PDI-UT-1-O PDI-UT-1A-O Pipe to Valve 1FDW-233 Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lier used, then the calibration block listed shall be used. Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See F Calc OSC-9796 Rev.1 for details on the exclusion of surface exams. V-182-10 12 03A 1FDW-182 PDI-UT-1 UT CS 0.432 / 6.000 O-ISIN4-121D-1.1 PDI-UT-1-0 PDI-UT

Summary Num Category C-F-2	Component ID Ciass / System		Procedure Description Comments	Insp Req	Material	Sched Thick/NPS	Cal Blocks	Componenet ID 2
O1.C5.51.0025	1-03A-5-98 Class 2 03A	1-03A-5 O-ISIN4-121D-1.1	PDI-UT-1	UT	CS	0.432 / 6.000	PDI-UT-1-O PDI-UT-1A-O	C05.051.025, C05.051.025A
Circumferential								
			Valve 1FDW-	346 to Pipe				
			Procedure NE used, then the				PDI-UT-1 may be used in lie	u of NDE-600. If PDI-UT-1 is
						he surface exam from the F exclusion of surface exams		PIP G-08-00185 (CA # 10) and
O1.C5.51.0038	1-LPSW-344-20							
	Class 2 14B	1-LPSW-344 O-ISIN4-124B-1.2	PDI-UT-1	UT	CS	0.500 / 8.000	PDI-UT-1-O	C05.051.038, C05.051.0384
Circumferential							PDI-UT-1A-O	
			Elbow to Pipe	•				
			Procedure NE used, then the				PDI-UT-1 may be used in lie	u of NDE-600. If PDI-UT-1 is
	••••••••••••••••••••••••••••••••••••••	and the company of the second s				he surface exam from the F exclusion of surface exams		PIP G-08-00185 (CA # 10) and
O1.C5.51.0044	1LPSW-345-37			-				
	Class 2 14B	1LPSW-345 O-ISIN4-124B-1.2	PDI-UT-1	UT	CS	0.432 / 6.000	PDI-UT-1-0 PDI-UT-1A-0	C05.051.044, C05.051.044#
Circumferential								
			Tee to Flange	1				
			345-37 until is	so 1-LPS-345 DE-600 uses 1	was deleted. he componer	t for calibration. Procedure		d was listed previously as 1-LPS- u of NDE-600. If PDI-UT-1 is
						he surface exam from the Fexclusion of surface exams.		PIP G-08-00185 (CA # 10) and

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-2									
O1.C5.51.0050	1LPS-563-14								
	Class 2 14B		PDI-UT-10	UT	CS-SS		0.500 / 8.000	89-4287	C05.051.050 C05.051.050
Circumferential		O-ISIN4-124B-1.2						86-3259	000.001.000
	X		Pipe to Valve	1LPS-022					
			Procedure N(used, then the					PDI-UT-1 may be used in	lieu of NDE-600. If PDI-UT-1 is
							exam from the F of surface exams		e PIP G-08-00185 (CA # 10) and
O1.C5.51.0051	1FDW-305-3A							· -	
	Class 2 03A	1FDW-305	NDE-600	UT	CS		0.562 / 6.000	Component	C05.051.051, C05.051,051/
Circumferential	umferential O-ISIN4-121D-1.1							000.001.007	
			used, then the	DE-600 uses e calibration	block listed s	hall be used		PDI-UT-1 may be used in il it was transferred to iso	lieu of NDE-600. If PDI-UT-1 is 1FDW-305.
							exam from the F of surface exams		e PIP G-08-00185 (CA # 10) and
O1.C5.51.0052	1-03A-4-6A								
	Class 2 03A	• •	PDI-UT-1	UT	CS		0.562 / 6.000		C05.051.052, C05.051.052/
		O-ISIN4-121D-1.1						PDI-UT-1-0 PDI-UT-1A-0	003.031.032/
Circumferential									
			Tee to Pipe						
			•					PDI-UT-1 may be used in	lieu of NDE-600. If PDI-UT-1 is
			Code Case N Calc OSC-97	I-663 allows 96 Rev.1 for	us to exclude details on the	the surface exclusion o	exam from the F of surface exams	ourth Interval ISI Plan. Se	e PIP G-08-00185 (CA # 10) and
			Calc OSC-97	96 Rev.1 for	details on the	exclusion of	of surface exams		, , , , , , , , , , , , , , , , , , , ,

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component II Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-2									a second and the second se
O1.C5.51.0053	1LPS-702-50 Class 2 14B	1LPS-702 O-ISIN4-124B-1.2	PDI-UT-10	UT	SS-CS		0.500 / 8.000	89-4287 86-3259	C05.051.053 C05.051.053
Circumferential									
		OM 248-0637							
•			Pipe to Valve	1LPSW-16 (Cast SS)				
			Procedure ND used, then the Weld 1-14-19	e calibration t	lock listed s	hall be used		PDI-UT-1 may be used in li	eu of NDE-600. If PDI-UT-1 is
							exam from the F f surface exams		PIP G-08-00185 (CA # 10) and
O1.C5.51.0055	1LPS-560-57M								
	Class 2 14B		PDI-UT-1	UT	CS		0.500 / 8.000		C05.051.055 C05.051.055/
		O-ISIN4-124B-1.2						PDI-UT-1-0 PDI-UT-1A-0	000.001.000
Circumferential									
			Pipe to Elbow						
				E-600 uses	the compone	nt for calibra			eu of NDE-600. If PDI-UT-1 is
		,,					exam from the F		PIP G-08-00185 (CA # 10) and
O1.C5.51.0056	1LPS-560-58M								
	Class 2 14B		PDI-UT-1	UT	CS		0.500 / 8.000		C05.051.056 C05.051.056/
		O-ISIN4-124B-1.2						PDI-UT-1-0 PDI-UT-1A-0	C03.031.056/
Circumferential									
			Elbow to Pipe						
			This weld was Procedure ND used, then the	E-600 uses	the compone	nt for calibra		s redrawn. PDI-UT-1 may be used in li	eu of NDE-600. If PDI-UT-1 is
			Code Case N Calc OSC-979			the surface	exam from the F	ourth Interval ISI Plan. See	PIP G-08-00185 (CA # 10) and

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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-2									
O1.C5.51.0057	1LPS-560-80			,					
	Class 2 14B	1LPS-560 O-ISIN4-124B-1.2	PDI-UT-1	UT	CS		0.432 / 6.000	PDI-UT-1-0 PDI-UT-1A-0	C05.051.057 C05.051.057
Circumferential									
			Tee to Flange	3					
				DE-600 uses	the compone	nt for calibra			u of NDE-600. If PDI-UT-1 is
							exam from the F f surface exams		PIP G-08-00185 (CA # 10) and
O1.C5.51.0062	1FDW-182-24V								
	Class 2 03A	1FDW-182 O-ISIN4-121D-1.1	PDI-UT-1	UT	CS		0.432 / 6.000	PDI-UT-1-0 PDI-UT-1A-0	C05.051.062 C05.051.062
Circumferential									
			Elbow to Pipe	1					
			Procedure NE used, then the					PDI-UT-1 may be used in lie	u of NDE-600. If PDI-UT-1 is
							exam from the F f surface exams		PIP G-08-00185 (CA # 10) and
O1.C5.61.0004	1FDW-181-22							<u></u>	
	Class 2 03A	1FDW-181	NDE-12	RT	SS-CS		0.531 / 4.000		C05.061.004 C05.061.004
Circumferential		OM 245-1856 O-ISIN4-121D-1.1							
			Reducer to Va	alve 1CCW-2	269 (Cast SS)				
			The surface e counted for in						. Half credit (for this item) will be

Summary Num	Component II Class / System		Procedure Description Comments	Insp Req	Material	Sched Thick/NPS	Cal Blocks	Componenet ID 2
Category D-A		ana a su an tautantanta d at anta an an an						•
O1.D1.10.0001	1-SF-COOLER Class 3 56	R-A OM-201-84 O-ISIN4-104A-1.1	NDE-65	VT-1	ŇÅ.	0.000 / 0.000)	D01.010.001
			Attachment to	Shell				
					Ided Attachm	ent at Support Legs A and	B	
O1.D1.20.0004	1-03-0-551-H4	9						
011211200001	Class 3 03	1-03-01/sht.1	NDE-65	VT-1	NA	2.500 / 24.000	0	D01.020.01;
Rigid Support		O-ISIN4-121B-1.3						
			Calculation N	o. OSC-336,	page 45a.1.			
O1.D1.20.0007	1-03A-1-0-400	B-SR84			<u></u>			
	Class 3 03A	1-03A-09/sht.3	NDE-65	VT-1	NA	0.500 / 6.000)	D01.020.025
Rigid Support		O-ISIN4-121D-1.1						
			Calculaton No	. OSC-342,	bage 103.	alla alient and accounts for the formation and the state and the state of the state		
O1.D1.20.0008	1-03A-1-0-401	B-SR30				<u>,</u>	· ·	
	Class 3 03A	1-03A-06/sht.3	NDE-65	VT-1	NA	1.000 / 6.000	1	D01.020.024
Rigid Support		O-ISIN4-121D-1.1						
			Calculation N	o. OSC-340,	page 90.		ى ئىرىنى بەرىمىرىنىڭ ئىرىنىڭ <u>ئەرىپىيەت</u> بىرى بىرى بىرى بىرى بىرى بىرى بىرى بىر	and a super-
O1.D1.20.0009	1-03A-1-0-439	С-Н10	······································	<u></u>				
	Class 3 03A	1-03A-13/sht.2	NDE-65	VT-1	NA	0.375 / 6.000)	D01.020.02t
Rigid Support		O-ISIN4-121D-1.1						
·			Calculaton No	. OSC-1224	19, page 27.		a decade, stillingumm	
O1.D1.20.0016	1-03A-1-0-439					```		
	Class 3 03A	1-03A-05/sht.2	NDE-65	VT-1	NA	1.000 / 6.000)	D01.020.032
Rigid Restraint		O-ISIN4-121D-1.1						
			Calculation N	o. OSC-339,	page 80.			

Summary Num	Component II Class / Syster		Procedure Description Comment s	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category D-A									
O1.D1.20.0017	1-03A-1-0-400	A-SR66							
Rigid Restraint	Class 3 03A	1-03A-09/sht.5 O-ISIN4-121D-1.1	NDE-65	VT-1	NA		0.500 / 6.000		D01.020.03
			Calculation N	o. OSC-34	2, page 105.				
O1.D1.20.0024	1-14B-436D-S	R41						an a	
Rigid Restraint	Class 3 14B	1-14-04/sht.2 O-ISIN4-124B-1.1	NDE-65	VT-1	NA		0.280 / 16.000		D01.020.06
			Colculaton Nr	090-306	non 77 /2nd	attachmon	thickness = 1.000	,	
O1.D1.20.0026	1-56-438C-SR	• •		5. 030-390	, page // (zild	allaciment		<u>}.</u>	1. Angu <u>an 1979</u> - 1990 -
Rigid Support	Class 3 56	4-56-02/sht.1 O-ISIN4-104A-1.1	NDE-65	VT-1	NA		0.750 / 8.000		D01.020.08
g.e euppon									
-			Calculaton No	. OSC-421	, page 93.				ta amandata mu contenan iyan, mutaka angkasi i ungermant
O1.D1.20.0027	1-56-5-0-437B	-H16							
Spring Hgr	Class 3 56	4-56-07/sht.1 O-ISIN4-104A-1.1	NDE-65	VT-1	NA		0.125 / 8.000		D01.020.082
			Calculaton No	. OSC-135	9-02, page 28.				
Category ELC		·		and the second secon		u	an a		
O1.H2.1.0004	1-PHB-13							- Anno 2014 - Anno 1997 - La Contra de La Calabilitation de la Contra de La Contra de La Contra de La Contra de La Contra de La Contr La Contra de La Cont	
	Class 1 50	ISI-OCN1-006	NDE-35	PT	CS-Inconel		2.875 / 9.000		H02.001.004
Branch Dissimllar		ОЙ-201-2296							
			Pipe to Pipe						
					is weld covers t he ISI Plan, Ger			ble that penetrates the nozzle into	the Hot Leg = .613".
O1.H2.1.0005	1-PHB-14								
Branch	Class 1 50	ISI-OCN1-006 OM-201-2296	NDE-35	PT	CS-Inconel		2.875 / 9.000		H02.001.00
Dissimilar									
							drant. The diamete I Requirements.	er of hole that penetrates the noz:	zle into the Hot Leg =
Printed 07/25/11 gds5i	0.44		·····			A Cat "C"		Oconee 1 7/25/2011 1	1:03:04 AM Page 63 of 78

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category ELC	·	1999 mar Harman Markality S. Top and an and a start of a to a start start of the start of the start of the start							
O1.H2.1.0006	1-PHB-15								
. .	Class 1 50	ISI-OCN1-006	NDE-35	PŤ	CS-Inconel		2.875 / 9.000		H02.001.006
Branch Dissimilar		OM-201-2296							
Dissimilar			Pipe to Pipe						
			RTE Mountin				adrant. The dian I Requirements.	neter of hole that penetra	tes the nozzle into the Hot Leg =
O1.H2.1.0009	1-PIB1-12								
	Class 1 50	ISI-OCN1-009	NDE-35	PT	CS-Inconel		2.250 / 8.750		H02.001.00§
Branch Dissimilar		OM-201-1845							
			Salvaged Pip	e to Pipe					
							drant. The diam ISI Plan, Genera		es the nozzle into the RCP 1B1
O1.H4.1.0010	1-03-0-551-H49	9					<u> </u>	<u>, , , , , , , , , , , , , , , , , , , </u>	
	Class 3 03	1-03-01/sht.1	NDE-25	МŤ	CS		1.500 / 0.000		H04.001.010, H04.001.010A
Rigid Support		O-ISIN4-121B-1.3							
			Note: Magnet or in conjunct	tic Particle e tion with liqu	examinations (w	ith the use aminations.	of procedure NDI		on carbon stee! material in lieu of
O1.H4.1.0010	1-03-0-551-H49	9							
	Class 3 03	1-03-01/sht.1	NDE-66	VT-3	CS		1.500 / 0.000		H04.001.010,
Rigid Support		O-ISIN4-121B-1.3							H04.001.010A
			Note: Magnet or in conjunct	tic Particle e ion with liqu	examinations (w	ith the use aminations.	of procedure NDI		on carbon steel material in lieu of

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Summary Num Category ELC	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched Thick/NF	'S Cal Blocks	Componenet ID 2
O1.H4.1.0020	1-FPA-25							
·	Class 3 03	O-60M	NDE-35	PT	CS	1.000 / 0.0	000	H04.001.020 H04.001.020
		O-ISIN4-121B-1.3 O-0494						
			Note: Magneti or in conjuncti	20A)Perform ic Particle ex ion with liquid neral Condition	aminations (v I penetrant ex on examinatio	aminations. VT-3 could in of the restraint per NE	NDE-25) may be performed on not be performed in 1EOC26 res	
O1.H4.1.0021	1-FPA-27							an a
	Class 3 03	O-60M	NDE-35	PT	CS	1.000 / 0.0	00	H04.001.021 H04.001.021/
		O-ISIN4-121B-1.3 O-0494						H04.001.021/
			Note: Magneti or in conjuncti	21A)Perform c Particle exi on with liquid	aminations (v I penetrant ex		NDE-25) may be performed on not be performed in 1EOC26 res	
			Examine weld	at Item K on	Drawing O-0	494.		
O1.H4.1.0031	1-01A-0-550-H	10	and the state of t					
Spring Hgr	Class 2 01A	1-01-01/sht.3 O-ISIN4-122A-1.1	NDE-66	VT-3	NA	0.000 / 34.0	000	H04.001.03
	1 44 % all all all all framework work (100 % 11 % 11	ین این موجود (این میکند. این میکند میکند میکند (این میکند (ا میکند (این میکند (این میک	Calculation No Inspect with It				11 11111 1111 1111 1111 1111 1111 1111 1111	
And a second sec	1-01A-0-550-M					<u>.</u>		
O1.H4.1.0032	01 0 044	1-01-01/sht.3	NDE-66	VT-3	NÁ	0.000 / 28.0	000	H04.001.03
O1.H4.1.0032 Rigid Restraint	Class 2 UTA	O-ISIN4-122A-1.1						
		O-ISIN4-122A-1.1	Calculation No	o. OSC-320,	page 133.			
	Class 2 UTA	O-ISIN4-122A-1.1	Calculation No	o. OSC-320,	page 133.			

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category ELC								and "Advance" - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
O1.H4.1.0037	1-01A-0-550-H2						· · · · ·		
Rigid Support	Class 2 01A	1-01-01/sht.2 O-ISIN4-122A-1.1	NDE-66	VT-3	NA -		0.000 / 34.000		H04.001.037
			Calculaton No	D. OSC-320, j	page 132				
O1.H4.1.0038	1-01A-0-550-H2	1					And the second	an an again of the state of the	
Rigid Support	Class 2 01A	1-01-01/sht.2 O-ISIN4-122A-1.1	NDE-66	VT-3	NÁ		0.000 / 34.000		H04.001.038
			Calculaton No	. OSC-320,	page 132				
O1.H4.1.0040	1-01A-0-550-H2	2					ann-ann an Anna		
Rigid Support	Class 2 01A	1-01-01/sht.2 O-ISIN4-122A-1.1	NDE-66	VT-3	NĄ		0.000 / 34.000		H04.001.04(
			Calculaton No	. OSC-320, j	bage 132				
O1.H4.1.0041	1-01A-0-550-H2	3							
Rigid Support	Class 2 01A	1-01-01/sht.2 O-ISIN4-122A-1.1	NDE-66	VT-3	NA		0.000 / 34.000		H04.001.041
			Calculaton No	. OSC-320, j	page 132				
O1.H4.1.0044	1-01A-0-650-MS	-4	With the second system as a second system of the se	nationalis af a second second second				nangene un destinden i i verst delarer den hannenskriftette ander	
Rigid Restraint	Class 2 01A	1-01-01/sht.3 O-ISIN4-122A-1.1	NDE-66	VT-3	NA		0.000 / 28.000		H04.001.044
			Calculation N	o. OSC-320,	page 133				
O1.H5.1.0004	1MS-070-2BD								
	Class 2 01A	1MS-070 O-ISIN4-122A-1.1	NDE-946	UT	CS		1.164 / 36.000	Step Wedge	H05.001.004
Circumferential		0-131114-122A-1.1						Step Wedge	
			Procedure PD	s proviously li DI-UT-1 may l sed for thickr	be used in lie	u of NDE-60	10. If PDI-UT-1 is u	used, then the calibration I	ne.component for calibration. block listed shall be used. NDE- hy D. Brown of the Oconee

	Component ID		Procedure	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
	Class / System	1	Description Comments						-
Category ELC									
O1.H5.1.0004	1MS-070-2BD	, , , , , , , , , , , , , , , , , , ,						······································	
	Class 2 01A	1MS-070	NDE-600	UT	CS		1.164 / 36.000	Component	H05.001.004
Circumferential		O-ISIN4-122A-1.1							
			Elbow to Elbo	w					
			Procedure PD	I-UT-1 may t sed for thickr	oe used in lie	u of NDE-6	00. If PDI-UT-1 is	used, then the calibration	es the component for calibration. on block listed shall be used. NDE- nothy D. Brown of the Oconee
O1.H5.1.0005	1-MS9A-A	<u>. </u>							
	Class 2 01A	1MS-073	•NDE-946	UT	CS		1.164 / 34" I.D.		H05.001.008
		O-ISIN4-122A-1.1						Step Wedge	
Circumferential									
			Elbow to Pipe						
			600. If PDI-U1	-1 is used, th	en the calibr	ation block	listed shall be us		UT-1 may be used in lieu of NDE- ed for thickness measurements. oup.
O1.H5.1.0005	1-MS9A-A		9997						*
	Class 2 01A	1MS-073	NDE-600	UT	CS		1.164 / 34" I.D.	Component	H05.001.005
Circumferential		O-ISIN4-122A-1.1							
			Elbow to Pipe						
			600. If PDI-U1	-1 is used, th	nen the calibr	ation block	listed shall be use	pration. Procedure PDI- ad. NDE-946 is to be us conee Design Basis Gr	UT-1 may be used in lieu of NDE- ed for thickness measurements. oup.
						<u> </u>			
O1.H6.1.0001	1-PEN-25-WHI	5							
O1.H6.1.0001		O-60M	NDE-65	VT-1	CS		0.000 / 0.000		H06.001.001
O1.H6.1.0001 Circumferential			NDE-65	VT-1	CS		0.000 / 0.000		H06.001.001
	Class 2 03	O-60M	NDE-65	VT-1	CS		0.000 / 0.000		H0 6 .001.001
	Class 2 03	O-60M O-0494	NDE-65 Elbow to Pipe		CS		0.000 / 0.000		H06.001.001

Summary Num	Component ID	ISO/DWG Numbers	Procedure	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
	Class / System		Description Comments						
Category ELC			Connoite						
O1.H6.1.0002	1-PEN-27-WHIP)				<u> </u>			
		O-60M	NDE-65	VT-1	CS		0.000 / 0.000		H06.001.002
Circumferential		0-494							
	,	D-439A	Elbow to Pipe						
			•		m a remote vi	sual (\/T_1) c	vam of the colla	r attachment weld locate	d inside of Guard Pipe at
			penetration #2 attachment is	27. Examine associated v	only the colla vith the Feedv	r attachment vater Pipe W	weld located on	the East Penetration Ro	Inside of the collar. This Inspection results should be
Category F-A	df at								ану и-тиба адарьно салани парти 17 — терицин да салани на полити са салани на село на село на село на село на с
O1.F1.10.0002	1-51A-0-479A-H	15B							
	Class 1 51A	1-5 1-2 6/sht.1	NDE-66	VT-3	NA		0.000 / 2.500		F01.010.002
Rigid Support	(O-ISIN4-101A-1.4							
			Calculation No	o. OSC-1304	-06, page 6('	1)31_High Pi	essure Injection	•	
O1.F1.10.0003	1-51A-0-479A-H	2B				-			
	Class 1 51A	1-51-26/sht.1	NDE-66	VT-3	NA		0.000 / 2.500		F01.010.000
Rigid Support	(D-ISIN4-101A-1.4							
			Calculation No High Pressure		-06, page 6(*	1)31		ور المراجع الم	
O1.F1.10.0008	1-53A-0-478A-H	2A	<u></u>						
	Ciass 1 53A	1-53-09/sht.1	NDE-66	VT-3	NA		0.280 / 14.000		F01.010.008
Rigid Support	(0-ISIN4-102A-1.3							
			Calculation No	o. OSC-1300		· · · · · · · · · · · · · · · · · · ·			
O1.F1.11.0003	1-51A-0-479A-H			·····					
	Class 1 51A		NDE-66	VT-3	NA		0.000 / 2.500		F01.011.00:
Rigid Restraint	(D-ISIN4-101A-1.4							
			Calculation No High Pressure		-06, page 61				

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category F-A									
O1.F1.11.0005	1-53-0-479A-H2					نىينىپ، ــــــــــــــــــــــــــــــــــــ			
Rigid Restraint		1-53-07/sht.1 D-ISIN4-102A-1.1	NDE-66	VT-3	NA		0.750 / 12.000		F01.011.00£
· · · · · · · · · · · · · · · · · · ·			Calculation N	o. OSC-1301	-06, page 9 <u>1</u>				
O1.F1.11.0007	1-53A-0-478A-H	5A							
Rigid Restraint	Class 1 53A 1 (1-53-09/sht.1 D-ISIN4-102A-1.3	NDE-66	VT-3	NA		0.500 / 10.000		F01.011.007
			Calculation N	o. OSC-1300					
O1.F1.11.0008	1-53A-0-481A-H	38C						an a	
Rigid Restraint	Class 1 53A 1 (I-51-15/sht.3 D-ISIN4-100A-1.2	NDE-66	VT-3	NA		0.500 / 1.500		F01.011.008
			Calculation N	o. OSC-1314	-06, page 63	•			
O1.F1.12.0004	1-51A-0-479A-H1	13B							
Spring Hgr	Class 1 51A 1 C	-51-26/sht.1 D-ISIN4-101A-1.4	NDE-66	VT-3	ŇĂ		0.000 / 2.500		F01.012.004
			Calculation No. High Pressure		-06, page 6(1	1)31			
O1.F1.12.0007	1-53A-0-478A-H	ЗА							
Spring Hgr	Class 1 53A 1 (-53-09/sht.1 D-ISIN4-102A-1.3	NDE-66	VT-3	NA		0.000 / 14.000		F01.012.007
			Calculation No	o. OSC-1300	•				
01.F1.20.0001	1-01A-0-550-H13	; ;							
Rigid Support	Class 2 01A 1 C	-01-01/sht.1)-ISIN4-122A-1.1	NDE-66	VT-3	NA		0.750 / 34.000		F01.020.001
			Calculation No	o. OSC-320, j	page 131.1.				

Calculation No. OSC-320, page 131.1.

Oconee 1, 4th interval, outage 5 (EOC-26)

Summary Num	Component II Class / Systen		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks Co	omponenet ID 2
Category F-A									
O1.F1.20.0003	1-01A-0-481A-	H2A	····						
Rigid Support	Class 2 01A	1-01-07/sht.1 O-ISIN4-122A-1.1	NDE-66	VT-3	NA		0.750 / 24.250		F01.020.00
			Calculation N	o. OSC-1296	-06.				
O1.F1.20.0006	1-03-0-480A-H	6B					and an and a second secon		
Rigid Support	Class 2 03	1-03-05/sht.2 O-ISIN4-121B-1.3	NDE-66	VT-3	NA		0.500 / 24.000		F01.020.01;
			Calculation N	o. OSC-1297	-06.				
O1.F1.20.0008	1-14-0-480A-H	22C							
Rigid Support	Class 2 14	1-14-16/sht.1 O-ISIN4-124B-1.2	NDE-66	VT-3	NA		0.000 / 8.000		F01.020.022
			Calculation N	o. OSC-1306	-06, page 6(2	2)-43.			
O1.F1.20.0018	1-51-0-444-SR	53							
Rigid Support	Class 2 51	1-51-06/sht.2 O-ISIN4-101A-1.1 O-1AB-15106-02	NDE-66	VT-3	NA		0.750 / 4.000		F01.020.047
			Calculation N	o. OSC-1538	, page 94.				
O1.F1.20.0032	1-51B-2-0-444-	H41							
Rigid Support	Class 2 51B	1-51-06/sht.2 O-ISIN4-101A-1.1 O-1AB-15106-02	NDE-66	VT-3	NA		0.750 / 4.000		F01.020.072
			Calculation N	o. OSC-1538	, page 94.				
O1.F1.20.0040	1-53B-3-0-4380	C-H26							
Rigid Support	Class 2 53B	1-53-04/sht.1 O-ISIN4-102A-1.1	NDE-66	VT-3	NA		0.000 / 12.000		F01.020.09€
			Calculation N	o. OSC-404,	page 39.				
O1.F1.20.0042	1-53B-5-0-4398	з-H50			- <u> </u>				
Rigid Support	Class 2 53B	1-53-02/sht.2 O-ISIN4-102A-1.2 O-1AB-15302-02	NDE-66	VT-3	NA		0.000 / 10.000		F01.020.098
			Calculation N	o. OSC-408.					
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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Co	mponenet ID 2
Category F-A										
O1.F1.20.0052	1-54A-3-0-439C							· ·		
Rigld Support	Class 2 54A	1-54-04/sht.1 O-ISIN4-103A-1.1	NDE-66	VT-3	NA		1.000 / 8.000			F01.020.115
			Calculation N	o. OSC-417,	page 44.1.					
O1.F1.20.0162	1-538-4358-DE	027								
Rigid Support	Class 2 53B	1-53-03/sht.1 O-ISIN4-102A-1.2 O-1AB-15303-01	NDE-66	VT-3			0.000 / 10.000			F01.020
			Calculation N	o. OSC-406,	page 71					
O1.F1.21.0001	1-03-0-481A-H1	1B								
Rigid Restraint	Class 2 03	1-03-05/sht.2 O-ISIN4-121B-1.3	NDE-66	VT-3	SS		0.500 / 24.000			F01.021.011
			Calculation N	o. OSC-1297	-06.					
O1.F1.21.0015	1-51-0-436D-SF	8	······							
Rigid Restraint		1-51-06/sht.1 O-ISIN4-101A-1.1 O-1AB-15106-01	NDE-66	VT-3	NA		0.750 / 4.000			F01.021.05
			Calculation N	o. OSC-1538	•					
O1.F1.21.0016	1-51A-435C-DE	006								
Rigid Restraint	Class 2 51A	1-51-05/sht.2 O-ISIN4-101A-1.3	NDE-66	VT-3	NA		0.000 / 4.000			F01.021.061
			Calculation N	o. OSC-1537	, page 56.1.	High Press	ure Injection.			
O1.F1.21.0021	1-51A-0-478A-H	116C					ar gen fal an de "de "de - competendente de la competencia de la			
	Class 2 51A	1-55-03/sht.2	NDE-66	VT-3	NA		0.000 / 2.500			F01.021.06€
Rigid Restraint		O-ISIN4-101A-1.1								
			Calculation N	o. OSC-1660	-11, page 66					*
01.F1.21.0026	1-53B-0-439C-L	DE053								
Rigid Restraint	Class 2 53B	1-53-04/sht.1 O-ISIN4-102A-1.1	NDE-66	VT-3	NA		0.000 / 12.000			F01.021.092
			Calculation No	o. OSC-404.	page 39.					
Printed 07/25/11 gds5	841 v 06/18/09	annan annan 21 a' 21, anna ann ann an Annan ann an Annan ann an			Sector Se	A Cat "C"		Oconee 1 7/25/2	011 11:03:04 AM	Page 71 of 78

Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category F-A			V V						
O1.F1.21.0033	1-54A-0-439A-R	21							
Rigid Restraint	Class 2 54A	1-54-04/sht.1 O-ISIN4-103A-1.1	NDE-66	VT-3	NA		0.719 / 8.000		F01.021.10
			Calculation N	o. OSC-416,	page 58.1.				
O1.F1.21.0034	1-54A-3-0-439C	-H13							
Rigid Restraint	Class 2 54A	1-54-04/sht.1 O-ISIN4-103A-1.1	NDE-66	VT-3	NA		0.216 / 8.000		F01.021.104
			Calculation N	o. OSC-417,	page 44.1.				
O1.F1.21.0222	1-20B-485A-H56	614							
	Class 2 20B	O-1AB-120B01-01	NDE-66	VT-3	CS		0500 / 48.000		
			Rigid Restrain						
			Problem Num located on Au	ber# 1-208-0 x Bld side of	1 and Hange Penetration #	r ISO # O-1/ 19,	AB-120B01-01. [Drawing O-ISIN4-116-1.1	(Type I Penetration) This support
O1.F1.22.0001	1-01A-0-550-H10	0		Anno Anno Anno Anno Anno Anno Anno Anno					
Spring Hgr	Class 2 01A 1	1-01-01/sht.3 O-ISIN4-122A-1.1	NDE-66	VT-3	NA		0.000 / 34.000		F01.022.001
			Calculation No.						
O1.F1.22.0003	1-01A-0-481A-H	1A							
Constant Support	Class 2 01A 1 (1-01-07/sht.1 O-ISIN4-122A-1.1	NDE-66	VT-3	NA		0.000 / 24.250		F01.022.00
			Calculation No	o. OSC-1296	-06.				
O1.F1.22.0007	1-01A-0-481B-H	11A	and a second						
Hyd Snubber	Class 2 01A 1	1-01-07/sht.1 D-ISIN4-122A-1.1	NDE-66	VT-3	NA		0.437 / 24.250		F01.022.007
			Calculation No	o. OSC-1296	-06.				

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Summary Num	Component II Class / Syster		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks C	omponenet ID 2
Category F-A			•••••••••••••••••••••••••••••••••••••••						
O1.F1.22.0010	1-03-0-480A-H	17B				<u> </u>			
Hyd Snubber	Class 2 03	1-03-05/sht.2 O-ISIN4-121B-1.3	NDE-66	VT-3	NA		0.237 / 24.000		F01.022.013
			Calculation N	o. OSC-1297	-06.				
O1.F1.22.0011	1-03A-1-0-437	A-H71						ne andre andre i sene en andre i sene andre i Ne sene andre i sene Ne sene andre i sene	
Spring Hgr	Class 2 03A	1-03A-05/sht.3 O-ISIN4-121D-1.1	NDE-66	VT-3	ŃĂ		0.000 / 6.000		F01.022.022
			Calculation N	o. OSC-339,	page 81.				
O1.F1.22.0023	1-53B-5-0-436	D-H16							·····
Spring Hgr	Class 2 53B	1-53-02/sht.2 O-ISIN4-102A-1.2 O-1AB-15302-02	NDE-66	VT-3	NA		0.125 / 10.000		F01.022.104
			Calculation N	o. OSC-408.					
O1.F1.22.0025	1-53B-4-0-444	-H64							
Spring Hgr	Class 2 53B	1-53-03/sht.1 O-ISIN4-102A-1.1 O-1AB-15303-01	NDE-66	VT-3	NA		0.000 / 8.000		F01.022.10€
			Calculation N	o. OSC-406,	page 71.				
O1.F1.30.0001	1-01A-403C-D	E002		And the last P year of the second statements					
Rigid Support	Class 3 01A	1-01-06/sht.2 O-ISIN4-122A-1.4	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.001
			Calculation N	o. OSC-325,	page 89.1.				
O1.F1.30.0004	1-03-0-551-H4	9							
	Class 3 03	1-03-01/sht.1	NDE-66	VT-3	NA		2.500 / 24.000		F01.030.02
Rigid Support		O-ISIN4-121B-1.3							
	and some a constraint of the state of the st	annan a an ann an an an an an an an an a	Calculation N	o. OSC-336,	page 45a.1.				Baansand statt as the transact
O1.F1.30.0006	1-03A-401B-D								
Rigid Support	Class 3 03A	1-03A-06/sht.3 O-ISIN4-121D-1.1	NDE-66	VТ-3	NA		0.000 / 6.000		F01.030.032
			Calculation N	o. OSC-340,	page 90.				
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Осолее 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category F-A									
O1.F1.30.0007	1-03A-1-0-439C	-H10		• • • •••• •••• ••••			······		
Rigid Support	Class 3 03A	1-03A-13/sht.2 O-ISIN4-121D-1.1	NDE-66	VT-3	NA	-	0.375 / 6.000		F01.030.03
			Calculation N	o. OSC-1224	-19, page 27.				
O1.F1.30.0009	1-03A-1-0-439B	-H15							Annual and a second
Rigid Support	Class 3 03A	1-03A-05/sht.3 O-ISIN4-121D-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.03
			Calculation N	o. OSC-339,	page 81.				
O1.F1.30.0011	1-03A-480A-H3/	A							
Rigid Support	Class 3 03A	1-03A-14/sht.1 O-ISIN4-121D-1.1	NDE-66	VT-3	NA		0.250 / 6.000		F01.030.03
an an sa maga ana ang mang mang sa			Calculation N	o. OSC-1224	-16, page 41.				
O1.F1.30.0015	1-03A-1-0-400B	-SR84							
Rigid Support	Class 3 03A	1-03A-09/sht.3 O-ISIN4-121D-1.1	NDE-66	VT-3	NA		0.500 / 6.000		F01.030.04
			Calculaton No	. OSC-342, j	page 103.				
O1.F1.30.0024	1-03A-1-0-437A	-H63							
Rigid Support	Class 3 03A	1-03A-09/sht.6 O-ISIN4-121D-1.1	NDE-66	VT-3	NA		0.750 / 6.000		F01.030.05
			Calculation N	o. OSC-342,	page 106.				
O1.F1.30.0025	1-03A-1-0-437A	-SR61							
Rigid Support	Class 3 03A	1-03A-09/sht.6 O-ISIN4-121D-1.1	NDE-66	VT-3	NA		0.280 / 6.000		F01.030.051
			Calculation No	o. OSC-342,	page <u>1</u> 06.				
O1.F1.30.0030	1-07A-400B-DE	010							
Rigid Support	Class 3 07A	1-07A-02/sht.1 O-ISIN4-121A-1.8	NDE-66	VT-3	NA		0.000 / 8.000		F01.030.061
			Calculation N	o. OSC-362,	page 55.		. .		
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Summary Num	Component iD Class / System		Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks Co	omponenet ID 2
Category F-A									
O1.F1.30.0031	1-07A-400B-DE	058		<u> </u>			·····		
Rigid Support	Class 3 07A	1-07A-02/sht.2 O-ISIN4-121A-1.8	NDE-66	VT-3	NA		0.000 / 8.000		F01.030.062
			Calculation N	o. OSC-362,	page 56.				
O1.F1.30.0053	2-14B-400B-SR	81			<u></u>				90
Rigid Support	Class 3 14B	1-14A-01/sht.1 O-ISIN4-124A-1.1	NDE-66	VT-3	NA		0.237 / 24.000		F01.030.10§
			Calculation N	o. OSC-395.	page:40.				
O1.F1.30.0054	3-14B-6-0-2436	C-SR22					849, y 2000 or 1000 of 100, a 100, of 100, of 100, or 100, a 100,		
Rigid Support	Class 3 14B	4-14-03/sht.1 O-ISIN4-121D-1.2	NDE-66	VT-3	NA		0.500 / 8.000		F01.030.106
			Calculation N	o. OSC-394	page 76.				
O1.F1.30.0055	2-14B-1436D-D	E-011							
Rigid Support	Class 3 14B	4-14-03/sht.1 O-ISIN4-121D-1.2	NDE-66	VT-3	NA		0.000 / 10.000		F01.030.107
			Calculation N	o. OSC-394,	page 76.				
O1.F1.30.0059	1-56-438C-SR1	4							
Rigid Support	Class 3 56	4-56-02/sht.1 O-ISIN4-104A-1.1	NDE-66	VT-3	NA		0.750 / 8.000		F01.030.134
			Calculation N	o. OSC-421,	page 93.				
O1.F1.30.0225	1-03A-401B-SR	132			· · · · ·				· · · · · · · · · · · · · · · · · · ·
	Class 3 03A	1-03A-06/sht.3	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.03(
Rigid Support		O-ISIN4-121D-1.1							
			Calculaton No	. OSC-340, I	page 90				
O1.F1.31.0001	1-01A-403C-DE	003							· · · · · · · · · · · · · · · · · · ·
Rigid Restraint	Class 3 01A		NDE-66	VT-3	NA		0.000 / 6.000		F01.031.001
			Calculation N	o. OSC-325.	page 89.1.				
Printed 07/25/11 gds5	841 v. 06/18/09					A Cat "C"		Oconee 1 7/25/2011 11:03:04 AM	Page 75 of 78

Oconee 1, 4th interval, outage 5 (EOC-26)

Summary Num	Component ID Class / System		Procedure Description Comments	insp Req	Material	Sched Thick/NPS	Cal Blocks	Componenet ID
Category F-A								
O1.F1.31.0007	1-03A-1-0-439B	-SR47						
Rigid Restraint	Class 3 03A	1-03A-05/sht.2 O-ISIN4-121D-1.1	NDE-66	VT-3	NA	1.000 / 6.00	0	F01.031.0
			Calculation N	o. OSC-339,	page 80.			
O1.F1.31.0008	1-03A-1-0-400A	-SR66				n na sa ana ana ana ana ana ana ana ana		, ak pasa na _{na a} ng akun kuluk da ka ka sa pang na ana ana ana ana ana ana ang pana ang paké ka sa a na matana mang pang pang pang pang pang pang pang p
Rigid Restraint	Class 3 03A	1-03A-09/sht.5 O-ISIN4-121D-1.1	NDE-66	VT-3	ŇĂ	0.500 / 6.00	D	F01.031.0
			Calculation N	o. OSC-342,	page 105.			
O1.F1.31.0019	1-14A-400B-H4	248	na n					
Rigid Restraint		1-14A-01/sht.4 O-ISIN4-133A-1.1 O-1TB-114A01-04	NDE-66	VT-3	NA	0.000 / 6.000	D	F01.031.0
			Calculation N	o. OSC-395.				
O1.F1.31.0021	1-14B-436D-SR	41						
Rigid Restraint	Class 3 14B	1-14-04/sht.2 O-ISIN4-124B-1.1	NDE-66	VT-3	NA	0.280 / 16.00	0	F01.031.0
			Calculation N	o. OSC-396,	page 77 (2nd	attachment thickness = 1	.000).	
O1.F1.31.0027	1-56-0-438C-SF	811	······					<u>, 1988 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 199</u>
Rigid Restraint		4-56-02/sht.2 O-ISIN4-104A-1.1	NDE-66	VT-3	NA	0.000 / 8.00	D	F01.031.1
			Calculation N	o. OSC-421,	page 94.			
O1.F1.31.0028	1-57-0-480A-H1	9						
Rigid Restraint		1-57-01/sht.2 O-ISIN4-107A-1.1 O-491C-2A(S)	NDE-66	VT-3	NA	0.500 / 12.00	0	F01.031.1
			Calculation N	o. OSC-1313	-06, page 41.	1.		
O1.F1.31.0219	1-03A-1-0-401B	-SR30						
Rigid Support	Class 3 03A	1-03A-06/sht.3 O-ISIN4-121D-1.1	NDE-66	VT-3	NA	1.000 / 6.000)	F01.031.0
			Calculation N	o. OSC-340,	page 90.			
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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Component IE Class / Systen		Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category F-A									
O1.F1.32.0016	1-08-1-0-400A-								
Spring Hgr	Class 3 08	1-08-01/sht.1 O-ISIN4-122A-1.4	NDE-66	VT-3	NA		0.250 / 10.000		F01.032.061
			Calculation N	o. OSC-1902	<u>.</u>				
O1.F1.32.0020	1-56-5-0-437B					<u> </u>			
Spring Hgr	Class 3 56	4-56-07/sht.1 O-ISIN4-104A-1.1	NDE-66	VT-3	NA		0.125 / 8.000		F01.032.111
			Calculaton No	o. OSC-1359	-02, page 28.				
O1.F1.32.0022	1-57-0-481A-H	21							
Constant Support	Class 3 57	1-57-01/sht.1 O-ISIN4-100A-1.2 O-491C-2A(S)	NDE-66	VT-3	NA		0.250 / 6.000		F01.032.121
			Calculation N	o. OSC-1313	-06, page 41.	1.			
O1.F1.32.0023	1-57-0-481A-H	9							
Hyd Snubber	Class 3 57	1-57-01/sht.1 O-ISIN4-100A-1.1 0-491C-2A(S)	NDE-66	VT-3	NA		1.000 / 6.000		F01.032.12:
			Calculation N	o. OSC-1313	-06, page 41.	1.	_		
O1.F1.40.0007	1-HPI-A-SUPP	ORT						and a second	
	Class 2 51A	OM 201-1704 O-ISIN4-101A-1.3	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.007
			HPI Pump 1A						
O1.F1.40.0026	1-AUX-SER-PL	JMP			-				
	Class 3 03A	OM 208-0040 O-ISIN4-121D-1.2	NDE-66	VT-3	NA.		0.000 / 0.000		F01.040.028
			Aux Service V	Vater Pump	Support.			n ummunitiganin - w - Jackson ummunity schlades (24 km/s ankaustadisers 14 km/s - 1 m/s)	
O1.F1.40.0034	1-50-0-66A-RC	PM-S12	<u></u>						
Hyd Snubber	Class 1 50	0-66A O-ISIN4-100A-1.1 O-66B	NDE-66	VT-3	NA		0.000 / 5.000		F01.040.03€
			Calculation N	o. OSC-0971	-01-0012, Re	actor Coola	int Pump 1B2 Moto	or Snubbers. Reference PIP 0-096-157	5.
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Oconee 1, 4th Interval, outage 5 (EOC-26)

Summary Num	Compone Class / Sy		s Procedure Description Comments	insp Red	n Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
O1.F1.40.0048	1-SGB-SKI	RT	<u></u>						
GT.1 1.40.0040	Class 1 &		NDE-66	VT-3			0.000 / 0.000	· ·	F01.040
			Steam Gener	ator 1B Su	pport Skirt		- 10 * • annon 5.0011-annahala		an a
Category Q-A									annan an a' an
O1.Q1.1.0001	1RC-229-6	7V	***************************************						
	Class 1 5	0 ISI-OCN1-005 ISI-OCN1-015	PDI-UT-8	UT	SS-Inconel		1.000 / 10.000	DE-13-AX-01 DE-13-CIRC-01	. Q01.001.001, Q01.001.001 <i>P</i>
Circumferential Stress Weld		1RC-229							
			Weld Overlay	,					
			OCN1-015 ar line to Nozzle 1-PSL-10. Ins population of	e listed as weld locat pection in weld overla	the iso's to sho ion. Drawing O- outage 3 does i	w where the ISIN4-100/ not count in	e weld is located (-1.1 Weld 1RC-2 the percentages	on the 1A Hot Leg Pip 29-67V is weld overla . The inspection in ou	29 but drawing ISI-OCN1-005 and ISI- ping Loop and the location for the Surge ay that covers weld 1-PHA-17 and weld stage 5 is part of the 25% of the total ral. The weld in outage 5 does count in
			The Thicknes	s and NPS	shown is for th	e weld prio	r to weld overlay I	being applied.	
O1.Q1.1.0002	1RC-230-5	71/-							
	Class 1 5	0 ISI-OCN1-002 ISI-OCN1-016	PDI-UT-8	UT	SS-Inconel	120	0.531 / 4.000	DE-6-AX-01 DE-6-CIRC-01	Q01.001.002 Q01.001.002
Circumferential									
Terminal End Dissimilar		1RC-230							
			Weld Overlay	•					
			OCN1-002 an location for th overlay that c inspection in a	d ISI-OCN e Spray lin overs weld outage 5 is	1-016 are listed e to Nozzle wel 1-PZR-WP45 a part of the 25%	as the iso' d location o and weld 1- of the tota	s to show where to on the Pressurized PSP-1. Inspection I population of we	the weld is located on . Drawing O-ISIN4-1(n in outage 3 does no	d on weld iso 1RC-230 but drawing ISI- the PZR Spray LinePiping and the 00A-1.1 Weld 1RC-230-57V is weld to count in the percentages. The t is required to be examined during the Q.
			The Thicknes	s and NPS	shown is for th	e weld prior	r to weld overlay l	being applied.	
an Fann ar I. S. Singker weak en al Shingkeannageanna									
	ST	ATISTICS ONLY Cia	ss 1 169 Clas	s 2 103	Class 3 43	-	al by Class 315	Systems	5 268 Total Count 315
					· · · · · · · · · · · · · · · · · · ·				

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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.

4.1 <u>Reportable Indications</u>

EOC 26 (Outage 5) had no reportable indications during this report period.

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. There were no corrective actions required during this report period.

4.3 Corrective Measures

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

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4.4 Limited Examinations

Limited examinations (i.e., less than or equal to 90% of the required examination coverage obtained for surface and volumetric exams on welds or less than 100% of the required examination area for Visual exams) identified during EOC 26 (Outage 5) are shown in the table below:

Summary Number	Description of Limitation
O1.B3.110.0011	See PIP O-11-06923 for corrective action on this limitation
O1.B3.110.0012	See PIP O-11-06923 for corrective action on this limitation
O1.B9.11.0029	See PIP O-11-06923 for corrective action on this limitation
O1.B9.11.0072	See PIP O-11-06923 for corrective action on this limitation
O1.C5.11.0029	See PIP O-11-06923 for corrective action on this limitation
O1.C5.11.0084	See PIP O-11-06923 for corrective action on this limitation
O1.C5.11.0085	See PIP O-11-06923 for corrective action on this limitation
O1.C5.21.0006	See PIP O-11-06923 for corrective action on this limitation
O1.C5.21.0024	See PIP O-11-06923 for corrective action on this limitation
O1.C5.21.0041	See PIP O-11-06923 for corrective action on this limitation
O1.C5.21.0053	See PIP O-11-06923 for corrective action on this limitation
O1.C5.21.0057	See PIP O-11-06923 for corrective action on this limitation
O1.C5.21.0066	See PIP O-11-06923 for corrective action on this limitation
O1.C5.51.0050	See PIP O-11-06923 for corrective action on this limitation
O1.C5.51.0053	See PIP O-11-06923 for corrective action on this limitation

Welds 1-HP-0187-189, 1-HP-0187-190, WJ-32, WJ-33, WJ-35, and WJ-36 are Class 1 welds that had PSI exams performed on them during 1EOC-26 and had limited coverage (less than 90%). See PIP O-11-06923 for the corrective action on these exams.

EOC 26 Refueling Outage Report Oconee Unit 1 Section 4

Scheduleworks

DUKE ENERGY CORPORATION QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System Inspection Results Oconee 1, 4th Interval, Outage 5 (EOC-26)

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.B10.10.0009	1-SGB-W15	50	04/22/11	CLR	N	N	Ņ	UT-11-789
		50	04/22/11	CLR	N	Ň	'N	UT-11-790 (Page 1)
		50	04/22/11	CLR	Ň	Ň	N	UT-11-790 (Page 2)
O1.B10.20.0004	1-53-0-479A-H2	53	04/21/11	CLR	N	N	N	PT-11-342
O1.B10.20.0005	1-53A-0-479A-H1A	53A	04/19/11	CLR	Ň	Ň	"N	PT-11-336
O1.B12.50.0006	1LP-177	53A	04/25/11	CLR	N	N	'N	VT-11-798
O1,B12.50.0007	1-53A-LP-1		 04/15/11	CLR	Ň	N	N	VT-11-770
- O1.B15.140.0001		50	04/05/11	CLR	N N	N N	N	VT-11-725
O1.B15.140.0002	1-PZR-HTR-SLEEVES	50	04/04/11	CLR	Ň	Ň	Ń	VT-11-714
O1.B15.210.0001	1RC-269-125V	50	04/03/11	CLR	Ň	N.	Ń	VT-11-715
O1.B15.210.0002	1-50-4-125	50	04/03/11	CLR	Ņ	N	N	VT-11-719
O1.B15.210.0003	1RC-273-143V	50	04/03/11	CLR	N	N	Ņ	VT-11-710
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Summary No	Component ID	System	insp Date	Insp Status	insp Limited	Geo Ref	RFR	Comment
O1.B15.210.0004	1-50-4-143	50	04/03/11	CLR	N	N	N	VT-11-707
O1.B15.210.0005	1-50-4-131	50	04/05/11	CLR	Ň	N	N'.	VT-11-712
O1.B15.210.0006	1-50-4-135	50	04/03/11	CLR	Ň	·N	Ń	VT-11-720
O1.B15.210.0007	1-50-4-44A	50	04/03/11	CLR	N	'N:	N,	VT-11-708
O1.B15.210.0008	1-50-4-150	50	04/03/11	CLR	N	N	N	VT-11-709
	1-PHA-13	50	04/03/11	CLR	N	N	N	VT-11-718
O1.B15.210.0010		50	04/03/11	CLR	Ņ	N	N.	VT-11-717
O1.B15.210.0011		50	04/03/11	CLR	N	Ņ	N	VT-11-716
O1.B15.210.0012	1-PHB-13	50'	04/03/11	CLR	- N !	Ņ	. N <u>:</u>	VT-11-704
O1.B15.210.0013	1-PHB-14	50	04/03/11	CLR	Ņ	N	N	VT-11-705
O1.B15.210.0014	1-PHB-15	50	04/03/11	CLR	Ņ	N	N	VT-11-706
O1.B15.210.0015	1SGA-HL-CON-27	50	04/03/11	CLR	N	Ñ	N	VT-11-698
O1.B15.210.0016		50	04/03/11	CLR	N	N	N	VT-11-711
O1.B15.215.0010	1-PDA2-2	50	04/03/11	CLR	N	Ň	Ņ	VT-11-699

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Summary No	Component ID	System	insp Date	Insp Status	insp Limited	Geo Ref	RFR	Comment
O1.B15.215.0011	1-PDB1-2	50	04/04/11	CLR	N	N	N	VT-11-747
O1.B15.215.0012	1-PDB2-2	50	04/05/11	CLR	N	N	Ņ	VT-11-713
O1.B15.215.0015	1-PDA1-11	51A	04/04/11	CLR		N	N.	VT-11-748
O1.B15.215.0016	1-PDA2-11	51A	04/03/11	CLR	N	N	Ņ	VT-11-700
O1.B15.215.0017	1-50-4-115	50	04/03/11	CLR	N	N	Ņ	VT-11-701
O1.B15.215.0019	1-PIA1-11	50	04/07/11	CLR	Ň	Ň	Ň	VT-11-744
O1.B15.215.0020	1-50-01-34	50	04/07/11	CLR	'N	N	Ņ	VT-11-745
O1.B15.215.0021	1-PIA2-11	50	04/07/11	CLR	N	Ň	N	VT-11-746
O1.B15.215.0022	1-50-01-21	50	04/07/11	CLR	Ņ	ΞŃ	Ň.	VT-11-743
O1.B15.215.0029	1-PIB1-12	50	04/03/11	CLR	N	Ň	N.	VT-11-703
O1.B15.80.0001	1-RPV-BMI-NOZZLES	50	06/04/11	CLR	N	Ň	N	VT-11-805
O1.B3.110.0011	1-PZR-WP26-3	50	04/18/11	CLR	Ÿ	Ň	¥.	UT-11-770 Percentage
		50	04/18/11	CLR	۲	N	Y [.]	UT-11-771 (Percentage

Percentage of coverage < 90%. Reference PIP O-11-6923.

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Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.B3.110.0011	1-PZR-WP26-3	50	04/18/11	CLR	Ý	N	Y	UT-11-771 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/18/11	CLR	Ŷ	Ň	Y	UT-11-771 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.B3.110.0012	1-PZR-WP26-7	50	04/18/11	CLR	Y	N	Ý	UT-11-772
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/18/11	CLR	Y	N	Y	UT-11-773 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/18/11	CLR	Y	Ņ	Y	UT-11-773 (Page 2)
								Percentage of coverage < 90%. Reference PIP 0-11-6923.
		50	04/18/11	CLR	Y	Ņ	۲Y	UT-11-773 (Page 3)
								Percentage of coverage < 90%. Reference PIP 0-11-6923.
O1.B3.120.0011	1-PZR-WP26-3	50	04/18/11	CLR	Ň	N	Ņ,	UT-11-768 (Page 1)
		50	04/18/11	CLR	Ņ	N	N	UT-11-768 (Page 2)
		50	04/17/11	CLR	N	Ň	N	UT-11-768 (Pagé 3)
		50	04/18/11	CLR	Ň	Ň	N	UT-11-768 (Page 4)
		50	04/18/11	CLR	N	N	N	UT-11-768 (Page 5)
		50	04/18/11	CLR	N	N	N	UT-11-768 (Page 6)
O1.B3.120.0012	1-PZR-WP26-7	50	04/18/11	CLR	Ņ	Ņ	N	UT-11-769 (Page 1)

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Summary No	Component ID	System	Insp _. Date	Insp Status	insp Limited	Geo Ref	RFR	Comment
O1.B3.120.0012	1-PZR-WP26-7	50	04/18/11	CLR	N	N	N	UT-11-769 (Page 2)
		50	04/17/11	CLR	N	Ň	Ņ	UT-11-769 (Page 3)
		50	04/18/11	CLR	N	N	N	UT-11-769 (Page 4)
		50	04/18/11	CLR	N	N	Ņ	UT-11-769 (Page 5)
		50	04/18/11	CLR	N	N	N	UT-11-769 (Page 6)
O1.B6.10.0041	1-RPV-26-203-41	and a second	04/12/11	CLR	N	N	N	VT-11-771
O1.B6.10.0042	1-RPV-26-203-42		04/12/11	CLR	Ņ	N	N	VT-11-772
O1.B6.10.0043	1-RPV-26-203-43	1979 (1) 1979 (1) 1979 (1) 1979 (1) 1979 (1) 1979 (1) 1979 (1) 1979 (1) 1979 (1) 1979 (1) 1979 (1) 1979 (1) 19	04/12/11	CLR	N	Ņ	N	VT-11-773
O1.B6.10.0044	1-RPV-26-203-44		04/12/11	CLR	N	Ņ	N	VT-11-774
O1.B6.10.0045	1-RPV-26-203-45		04/12/11	CLR	N:	N	Ņ	VT-11-775
O1.B6.10.0046	1-RPV-26-203-46		04/12/11	CLR	Ň	N	N	VT-11-776
O1.B6.10.0047	1-RPV-26-203-47	- سنب	04/12/11	ĊLR	• N.	N	Ň	VT-11-777
O1.B6.10.0048	1-RPV-26-203-48	angen ma di aggi kita yang gala a	04/12/11	CLR	:N	Ň	Ń	VT-11-778
O1.B6.10.0049	1-RPV-26-203-49		04/10/11	CLR	N :	N	N.	VT-11-754
O1.B6.10.0050	1-RPV-26-203-50	A no ha , - , ayanay yang - mga	04/10/11	CLR	N	N	N.	VT-11-755
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Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.B6.10.0051	1-RPV-26-203-51		04/10/11	CLR	N	N	N	VT-11-756
O1.B6.10.0052	1-RPV-26-203-52		04/10/11	CLR	N	N	N	VT-11-757
O1.B6.10.0053	1-RPV-26-203-53		04/10/11	CLR	Ň	Ň	Ň	VT-11-758
 O1. B6 .10.0054	1-RPV-26-203-54	· · · · · · · · · · · · · · ·	04/10/11	CLR	N	Ň	N.	VT-11-759
D1.B6.10.0055	1-RPV-26-203-55	. B ite in April 1999 (1999)	04/10/11	CLR	N	N	• N	VT-11-760
D1.B6.10.0056	1-RPV-26-203-56		04/10/11	CLR	N	N	N	VT-11-761
)1.B6.10.0057	- 1-RPV-26-203-57		04/10/11	CLR	Ņ	N,	N	VT-11-762
O1.B6.10.0058	1-RPV-26-203-58		04/10/11	CLR	N	N	N	VT-11-763
O1.B6.10.0059	1-RPV-26-203-59	- - · · -	04/10/11	CLR	N	Ņ	N	VT-11-764
O1.B6.10.0060	1-RPV-26-203-63		04/10/11	CLR	N	N	N	VT-11-765
- O1.B6.180.0003	1-RCP-1B1-F		04/25/11	CLR	N	N	N	UT-11-791
O1.B6.30.0041	1-RPV-25-203-41		04/12/11	CLR	Ņ	Ņ		UT-11-711
O1.B6.30.0042	1-RPV-25-203-42	··	04/12/11	CLR	N	N	Ń	UT-11-712
O1.B6.30.0043	1-RPV-25-203-43	fluor in to a off-th Ann sharter in	04/12/11	CLR	Ň	Ň	N	UT-11-713

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O1.B6.30.0044	1-RPV-25-203-44		04/12/11	CLR	N	N	N	UT-11-714
O1.B6.30.0045	1-RPV-25-203-45		04/12/11	- CLŔ	Ň	N	Ń	UT-11-715
O1.B6.30.0046	1-RPV-25-203-46		04/12/11	CLR	Ň	Ń	N٠	UT-11-716
O1.B6.30.0047	1-RPV-25-203-47		04/12/11	CLR	:N	N	N	UT-11-717
O1.B6.30.0048	1-RPV-25-203-48		04/12/11	CLR	Ň	Ň	Ň.	UT-11-718
O1.B6.30.0049	1-RPV-25-203-49		04/09/11	CLR	N	N	N	UT-11-689
O1.B6.30.0050	1-RPV-25-203-50		04/09/11	CLR	Ņ	Ŋ.	N.	UT-11-690
O1.B6.30.0051	1-RPV-25-203-51		04/09/11	CLR	Ň	N	N	UT-11-691
O1.B6.30.0052	1-RPV-25-203-52		04/09/11	CLR	N	N	N	UT-11-692
O1.B6.30.0053	1-RPV-25-203-53		04/09/11	CLR	Ņ	N	N	UT-11-693
O1.B6.30.0054	1-RPV-25-203-54	•• • • • • • • • • • • • • • • • • • • •	04/09/11	CLR	N	Ņ	Ņ	UT-11-694
O1.B6.30.0055	1-RPV-25-203-55	· · ·	04/09/11	CLR	N	N	Ň	UT-11-695
O1.B6.30.0056	1-RPV-25-203-56		04/09/11	CLR	N	Ņ	Ň.	UT-11-696
O1.B6.30.0057	1-RPV-25-203-57	••••••••••••••••••••••••••••••••••••••	04/09/11	CLR	Ń	Ń.	Ň	UT-11-697

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Q1.B6.30.0058	1-RPV-25-203-58		04/09/11	CLR	N	N	N	UT-11-698
Q1.B6.30.0059	1-RPV-25-203-59		04/09/11	CLR	. :N	N	Ň	UT-11-699
Q1.B6.30.0060	1-RPV-25-203-69		04/09/11	CLR	N	Ń	Ň	UT-11-700
Q1.B6.50.0003	1-RPV-WASH-BUSH		04/10/11	CLR	'N	N	N	VT-11-753
Q1.B7.20.0003	1-PZR-LHB-STUDS		04/04/11	CLR	N	Ń	N	VT-11-723
Q1.B7.30.0003	1-SGB-UMW-STUDS	, ra .	04/04/11	CLR	N	N	N	VT-11-721
Q1.B7.30.0004	1-SGB-LMW-STUDS		04/04/11	CLR	N	N	N	VT-11-724
Q1.B7.30.0006	1-SGB-UHHC-STUDS		04/04/11	CLR	N	Ņ	N	VT-11-722
Q1.B7.60.0007	1-RCP-1B1-UP-SEAL		04/21/11	CLR	Ņ	N	N	VT-11-794
Q1.B7.70.0003	1-53A-CF13-STUDS	53A	04/10/11	CLR	N	N	N.	VT-11-752
Q1.B9.11.0017	1RC-289-5V	50	04/05/11	REC	Ņ	Ņ	N	UT-11-687 (Page 1)
								Embedded Flaw acceptable per IWB 3514-1.
		50	04/05/11	REC	N	N	N	UT-11-687 (Page 2)
۰.								Embedded Flaw acceptable per IWB 3514-1.
Q1.B9.11.0020	1RC-289-1V	50	04/06/11	REC	N	: Y _	N	UT-11-686 (Page 1)
								360 Degree intermittent base material to clad interface indication.

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O1.B9.11.0020	1RC-289-1V	50	04/06/11	REC	N	Y	N	UT-11-686 (Page 2)
								360 Degree intermittent base material to clad interface indication.
		50	04/06/11	REC	Ň	Ŷ	N	UT-11-686 (Page 3)
								360 Degree intermittent base material to clad interface indication.
O1.B9.11.0027	1SGB-W2	50	04/17/11	CLR	N	Ņ	N	UT-11-756
O1.B9.11.0029	1-PIB1-9	50	04/17/11	CLR	Y	N	Y	UT-11-757 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/17/11	CLR	Ÿ	N	Ÿ	UT-11-757 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/17/11	CLR	Ϋ́	N	Y	UT-11-757 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/17/11	CLR	Y	N.	Y	UT-11-757 (Page 4)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/18/11	CLR	Y	N	Y	UT-11-783 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/18/11	CLR	Y	N	Ŷ	UT-11-783 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.B9.11.0072	1-PDB1-1	50	04/17/11	CLR	¥	N	Y٠	UT-11-765 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/17/11	CLR	Ý	N	Y	UT-11-765 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
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O1.B9.11.0072	1-PDB1-1	50	04/17/11	CLR	Y	N	Y	UT-11-765 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/17/11	CLR	Ŷ	N	Y	UT-11-765 (Page 4)
	•							Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/18/11	CLR	ï۲	N	Y	UT-11-774 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		50	04/18/11	CLR	Y	N	Y	UT-11-774 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.B9.11.0083	1LP-210-87	53A	04/17/11	CLR	Y	N	N	UT-11-787 (Page 1)
								Percentage of coverage > 90%.
		53A	04/16/11	CLR	Y	Ņ	Ņ	UT-11-787 (Page 2)
								Percentage of coverage > 90%.
		53A	04/17/11	CLR	Y.	Ň	Ň	UT-11-787 (Page 3)
								Percentage of coverage > 90%.
O1.B9.11.0084	1LP-209-7L	53A	04/17/11	CLR	N	N	N	UT-11-758 (Page 1)
		53A	04/17/11	CLR	Ň	N	N	UT-11-758 (Page 2)
O1.B9.11.0086	1LP-209-7LA	53A	04/17/11	CLR	N	Ň	Ň	UT-11-759 (Page 1)
		53A	04/17/11	CLR	Ņ	Ň	N	UT-11-759 (Page 2)
		- •	· · ·					
O1.B9.11.0088	1LP-140-4A	53A	04/15/11	CLR	N	N	N	UT-11-752 (Page 1)

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D1.B9.11.0088	1LP-140-4A	53A	04/15/11	CLR	N	N	N	UT-11-752 (Page 2)
		53A	04/15/11	CLR	N	Ŋ.	N	UT-11-752 (Page 3)
D1.B9.11.0094	1-51A-04-5C	51A	04/14/11	CLR	Ņ	Ņ:	Ņ	UT-11-744 (Page:1)
		51A	04/14/11	CLR	N	Ň	Ņ	UT-11-744 (Page 2)
		51A	04/14/11	CLR	Ň	Ñ	Ň	UT-11-744 (Page 3)
01.89.11.0097	1-51A-04-2C	51A	- 04/14/11	CLR	N	Ņ	Ň	UT-11-743 (Page 1)
		51A	04/14/11	CLR	N	N.	Ν	UT-11-743 (Page 2)
		51A	04/14/11	CLR	N	Ń	N	UT-11-743 (Page 3)
1.B9.11.0116	1LP-210-54LA	53A	04/12/11	CLR	Ň	N	N [.]	UT-11-725 (Page 1)
		53A	04/12/11	CLR	Ņ	N	N	UT-11-725 (Page 2)
		53A	04/12/11	CLR	Ņ	N	N	UT-11-725 (Page 3)
 1.B9.11.0148	1-53A-02-54L	53A	04/17/11	CLR	Ņ	N	N,	UT-11-760 (Page 1)
		53A	04/17/11	CLR	Ň	Ň	N	UT-11-760 (Page 2)
1.89.21.0005	1-51A-04-30C	51A	04/14/11	CLR	'Ń	- N	N	PT-11-325
1.B9.21.0006	1-51A-04-32C	51A	04/14/11	CLR	Ň	N	N	PT-11-328
1.B9.21.0038	1HP-255-17	51A	04/07/11	CLR		Ņ	N	PT-11-320
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O1.B9.21.0039	1HP-255-21	51A	04/07/11	CLR	N	N	N	PT-11-321
O1.B9.21.0040	1HP-277-41C	51A	04/14/11	CLR	Ň	N	.N	PT-11-327
O1.B9.21.0041	1HP-277-52	51A	04/14/11	CLR	Ŋ	Ň	Ň	PT-11-328
O1.B9.21.0062	1HP-255-11	51A	04/07/11	CLR	N	N	N	PT-11-311
O1.B9.21.0069	1HP-255-13	51A	04/07/11	CLR			N	PT-11-324
								Percentage of coverage > 90%.
O1.B9.21.0085	1HP-255-19	51A	04/07/11	CLR	Ņ	N	Ņ	PT-11-322
O1.B9.21.0145	1-51A-04-29C	51A	04/14/11	CLR	Ň	N	Ņ	PT-11-329
O1.B9.21.0178	1-51A-04-39CB	51A	04/14/11	CLR	N	N	N	PT-11-330
O1.B9.21.0183	1-51A-04-39CA	51A	04/14/11	CLR	N	- N	N	PT-11-331
O1.B9.21.0193	1HP-255-20	51A	04/07/11	CLR	Ņ	N	Ń	PT-11-323
O1.B9.32.0010	1LP-102-1Z	53A	04/16/11	CLR	N	Ń	N	PT-11-333
O1.B9.40.0011	1RC-127-12	50	04/07/11	CLR	Ń	N	Ni	PT-11-316
O1.B9.40.0012	1RC-127-16B	50	04/07/11	CLR	N	Ň	N	PT-11-317
O1.B9.40.0013	1RC-127-19	50	04/07/11	CLR	N	N	Ņ	PT-11-318
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O1.B9.40.0014	1RC-127-23	50	04/07/11	CLR	N	N	N	PT-11-319
O1.B9.40.0017	۰ 1RC-261-226	.50	04/07/11	CLR	N	Ň	N	PT-11-314
O1.B9.40.0018	1RC-261-228	50	04/07/11	CLR	Ň	Ń	Ň	PT-11-312
O1.B9.40.0019	1RC-261-231	50	04/07/11	CLR	Ń	N .	[N	PT-11-313
O1.B9.40.0020	1RC-261-265	50	04/07/11	CLR	N	Ņ.	Ņ	PT-11-315
O1.C1.30.0002	1-SGB-W65	03	04/15/11	CLR	Y	N.	Ņ	UT-11-766 Percentage of coverage > 90%.
		03	04/15/11	CLR	Y	N	Ņ	UT-11-767 (Page 1)
		03	04/15/11	CLR	Ŷ	Ņ	N	Percentage of coverage > 90%. UT-11-767 (Page 2)
		03	04/15/11	CLR	Ŷ	Ň	N	Percentage of coverage > 90%. UT-11-767 (Page 3)
								Percentage of coverage > 90%.
O1.C2.31.0001	1-LPCA-OUTLET	53B	02/04/11	CLR	'n	N.	N	PT-11-305
O1.C2.31.0002	1-LPCA-INLET	53B	02/04/11	CLR	Ň	Ņ	N	PT-11-304
O1.C3.20.0001	1-01A-0-550-H13	01A	04/21/11	CLR	N	N	N	MT-11-115
O1.C3.20.0003	1-01A-0-481A-H2A	01A			N	N	N	MT-11-113
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O1.C3.20.0007	1-03-0-480A-H6B	03	04/15/11	CLR	N	N	N	MT-11-114
		03	04/16/11	CLR	N	Ņ	N	PT-11-334
O1.C3.20.0014	1-51-0-436D-SR8	51	04/19/11	CLR	N	N	N	PT-11-337
O1.C3.20.0016	1-51B-2-0-444-H41	51B	04/19/11	CLR	N	N	N	PT-11-338
O1.C3.20.0020	1-53B-5-0-436D-H16	53B	04/20/11	CLR	N	N	N	PT-11-339
O1.C3.20.0024	1-54A-3-0-435B-R3	54A	03/31/11	CLR	N	N.	Ň	PT-11-306
O1.C3.20.0027	1-54A-3-0-439C-H5	54A	03/28/11	CLR	N	N	N	PT-11-307
O1.C3.20.0028	1-55-1-0-439C-SR12	55	03/28/11	CLR	N	N	Ň	MT-11-111
O1.C3.30.0001	1-HPI-A-SUPPORT	51A	02/03/11	CLR	Ň	Ň	N ⁻	PT-11-303
O1.C5.11.0029	1LP-128-80	53A	02/01/11	CLR	Y	Ň	Ý	UT-11-675 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		53A	02/01/11	CLR	Y	N	Y	UT-11-675 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		53A	02/01/11	CLR	Ť	Ň	Y	UT-11-675 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.11.0048	1-53A-01-21L	53A	04/16/11	CLR	N	N	N'	UT-11-747 (Page 1)

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Q1.C5.11.0048	1-53A-01-21L	53A	04/16/11	CLR	N	N	N	UT-11-747 (Page 2)
Q1.C5.11.0081	1LP-209-1	53A	04/16/11	CLR	Ň	Ň	N	UT-11-751
O1.C5.11.0082	1LP-209-10	53A	04/16/11	CLR	N	Ň	Ń	UT-11-761 (Page 1)
		53A	04/16/11	CLR	Ň	N [:]	N	UT-11-761 (Page 2)
O1.C5.11.0083	1LP-209-11	53A	04/16/11	CLR	Ý	N	N	UT-11-762 (Page 1)
		53A	04/16/11	CLR	Ŷ	Ń	Ň	Percentage of coverage > 90%. UT-11-762 (Page 2)
		•••	•					Percentage of coverage > 90%.
O1.C5.11.0084	1LP-209-17	53A	04/16/11	CLR	Y.	N	Ŷ	UT-11-780 (Page 1)
		534	04/16/11	CLR	Ŷ	Ń:	Y	Percentage of coverage < 90%. Reference PIP O-11-6923. UT-11-780 (Page 2)
		000	04/10/11	OER	Υ.		·	Percentage of coverage < 90%. Reference PIP O-11-6923.
		53A	04/16/11	CLR	Y.	N.	Ý	UT-11-780 (Page 3)
					•• .	a an ann i	· +	Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.11.0085	1LP-209-18	53A	04/16/11	CLR	Ý.	N	Y	UT-11-781 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		.53A	04/16/11	CLR	Ϋ́.	N	¥.	UT-11-781 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.

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O1.C5.11.0085	1LP-209-18	53A	04/16/11	CLR	Y	N	Y	UT-11-781 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.11.0086	1LP-209-2	53A	04/16/11	CLR	N	Ň	N	UT-11-750
O1.C5.11.0087	1LP-209-24	53A	04/16/11	CLR	- Y	N	N	UT-11-777 (Page 1)
								Percentage of coverage > 90%.
		53A	04/16/11	CLR	Ϋ́	Ň	Ň	UT-11-777 (Page 2)
								Percentage of coverage > 90%.
O1.C5.11.0088	1LP-209-3	53A	04/16/11	CLR		N	N	UT-11-749
O1.C5.11.0089	1LP-209-4	53A	04/16/11	CLR	N	Ň	Ņ	UT-11-748
O1.C5.11.0090	1LP-209-8	53A	04/16/11	CLR	Ŷ	N	N	UT-11-763 (Page 1)
								Percentage of coverage > 90%.
		53A	04/16/11	CLR	Y	:N	N	UT-11-763 (Page 2)
			١.					Percentage of coverage > 90%.
O1.C5.11.0091	1LP-209-9	53A	04/16/11	CLR	·۲	Ň	N	UT-11-764 (Page 1)
								Percentage of coverage > 90%.
		53A	04/16/11	CLR	Y	N	Ń	UT-11-764 (Page 2)
								Percentage of coverage > 90%.
O1.C5.11.0092	1LP-210-58L	53A	04/12/11	CLR	N	N.	Ņ	UT-11-723 (Page 1)

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01.C5.11.0092	1LP-210-58L	53A	04/12/11	CLR	Ν	Ň	Ň	UT-11-723 (Page 2)
		53A	04/12/11	CLR	N	N	Ņ	UT-11-723 (Page 3)
O1.C5.11.0093	1LP-210-59L	53A	04/12/11	CLR	N.	N	N	UT-11-724 (Page 1)
		53A	04/12/11	CLR	Ň.	N	N	UT-11-724 (Rage 2)
		53A	04/12/11	CLR	Ň	N	N	UT-11-724 (Page 3)
O1.C5.11.0094	1LP-210-60	53A	04/12/11	CLR	N	N	N	UT-11-719
- 01.C5.11.0095	1LP-210-61		04/12/11	CLR	. N	N	N	UT-11-720
O1.C5.11.0096	1LP-210-62		04/12/11	CLR	:Ň	Ň	N	UT-11-721
O1.C5.11.0097	1LP-210-63	53A	04/12/11	CLR	N	N	Ň	UT-11-722
01.C5.11.0105	1LPS-7 <u>5</u> 3-2	14B	04/15/11	CLR	Ň	N	Ņ	UT-11-745 (Page 1)
		14 B	04/15/11	CLR	N	Ň	N	UT-11-745 (Page 2)
O1.C5.11.0106	1LPS-753-3	14B	04/15/11	CLR	N	N	N	UT-11-746 (Page 1)
		14B	04/15/11	CLR	Ν.	N	N	UT-11-746 (Page 2)
O1.C5.21.0006	1HP-192-15	51A	02/01/11	CLR	Y	N	Y	UT-11-674 (Page 1)

Percentage of coverage < 90%. Reference PIP O-11-6923.

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O1.C5.21.0006	1HP-192-15	51A	02/01/11	CLR	Y	Y	Y	UT-11-674 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923. Geometric reflector on 60 degree scan.
		51A	02/01/11	CLR	¥	N	Y	UT-11-674 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.21.0008	1-51A-123-6	51A	02/03/11	CLR	N	N	N	UT-11-672
O1.C5.21.0013	1HP-191-7	51A	02/03/11	CLR	Ň	N	N	UT-11-673
O1.C5.21.0024	1-51A-01-91A	51A	02/09/11	CLR	Y.	Ņ	Ý	UT-11-676 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	02/09/11	CLR	Ý	N	Ÿ	UT-11-676 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.21.0028	1-51A-01-115A	51A	02/01/11	CLR	N	Ň	Ň	UT-11-671 (Page 1)
		51A	02/01/11	CLR	'n	N	N	UT-11-671 (Page 2)
O1.C5.21.0034	1-51A-02-22B	51A	04/17/11	CLR	ч	N	N	UT-11-784 (Page 1)
								Percentage of coverage > 90%.
		51A	04/17/11	CLR	Y	N	Ň	UT-11-784 (Page 2)
								Percentage of coverage > 90%.
		51A	04/17/11	CLR	Y	N	N	UT-11-784 (Page 3)
								Percentage of coverage > 90%.
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Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.C5.21.0037	1-51A-03-74B	51A	04/18/11	CLR	N	N	N	UT-11-779 (Page 1)
		51A	04/18/11	CLR	N	Y	'nN.	UT-11-779 (Page 2)
								Geometric Reflector on 60 degree scan.
O1.C5.21.0041	1HP-324-118B	51A	03/30/11	CLR	Y	'N	Y	UT-11-707 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	03/30/11	CLR	Y	N	Ŷ	UT-11-707 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	03/30/11	CLR	Y	N	Y	UT-11-707 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.21.0053	1-51A-02-34B	51A	04/17/11	CLR	N.	Ń	N	PT-11-335
		51A	04/17/ 11	CLR	Y	N	¥.	UT-11-785 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	04/17/11	CLR	Ϋ́	.N	·Y	UT-11-785 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	04/17/11	CLR	Y	N	Y:	UT-11-785 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.21.0057	1HP-193-12	51A	03/30/11	CLR	Υ.	N	.Y	UT-11-677 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	04/09/11	CLR	Y	N	Y.	UT-11-677 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
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Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.C5.21.0057	1HP-193-12	51A	04/09/11	CLR	Y	N	Y	UT-11-677 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.21.0066	1-51A-01-103A	51A	02/02/11	CLR	Y	N	Ŷ	UT-11-670 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	02/02/11	CLR	Y	N	Y	UT-11-670 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	02/08/11	CLR	Ŷ	N	۲Y	UT-11-670 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		51A	02/08/11	CLR	Y	Ņ	Y,	UT-11-670 (Page 4)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
O1.C5.21.0067	1-51B-67-1	51B	04/19/11	CLR	Ŷ	N	Ň	UT-11-786 (Page 1)
								Percentage of coverage > 90%.
		51B	04/19/11	CLR	Ý	'n	Ň	UT-11-786 (Page 2)
								Percentage of coverage > 90%.
		51B	04/19/11	CLR	Y	Ņ	N	UT-11-786 (Page 3)
								Percentage of coverage > 90%.
O1.C5.21.0070	1HP-367-28	51B	04/19/11	CLR	Υ.	N	N	UT-11-782 (Page 1)
								Percentage of coverage > 90%.
		51B	04/19/11	CLR	Ϋ́	Ň	'N	UT-11-782 (Page 2)
								Percentage of coverage > 90%.

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Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.C5.21.0070	1HP-367-28	51 B	04/19/11	CLR	Y	N	N	UT-11-782 (Page 3)
								Percentage of coverage > 90%.
		51B	04/19/11	CLR	Ý	N	N	UT-11-782 (Page 4)
								Percentage of coverage > 90%.
01.C5.51.0005	1MS-001-12	 01A	04/15/11	CLR	 N	Ý	N	UT-11-741
								Geometric Reflector from backing ring.
O1.C5.51.0007	1-MS13A-A	01A	04/15/11	CLR	N	Y	N:	UT-11-742
								Geometric Reflector from backing ring.
O1.C5.51.0023	1FDW-182-9	03A	04/13/11	CLR	N,	N	N	UT-11-738
O1.C5.51.0024	1FDW-182-10	03A	04/13/11	CLR	N	N	N-	UT-11-739 (Page 1)
		03A	04/13/11	CLR	N	'N	N.	UT-11-739 (Page 2)
O1.C5.51.0025	1-03A-5-98	03 <u>A</u>	04/13/11	CLR	N	N	N.	UT-11-740 (Page 1)
		03A	04/13/11	CLR	Ň	Ń	N	UT-11-740 (Page 2)
- O1.C5.51.0038	1-LPSW-344-20	 14B	03/29/11	CLR	N.	Ň	Ň	UT-11-682
O1.C5.51.0044	1LPSW-345-37	14B	03/29/11	CLR	Ň	N .	Ņ	UT-11-705 (Page 1)
		148	03/29/11	CLR	Ň	N	N	UT-11-705 (Page 2)
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Summary No	Component ID	System	Insp Date	insp Statu s	insp Limited	Geo Ref	RFR	Comment
O1.C5.51.0050	1LPS-563-14	14B	03/31/11	CLR	Y	N	Y	UT-11-678 (Page 1)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		14B	03/31/11	CLR	Ý	'N	Ŷ	UT-11-678 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		14B	03/31/11	CLR	Y	. N	Ÿ	UT-11-678 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		14B	03/31/11	CLR	Y.	Ņ	Y	UT-11-678 (Page 4)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		14B	03/31/11	CLR	N	N	N	UT-11-678 (Page 5)
O1.C5.51.0051	1FDW-305-3A	03A	04/19/11	CLR	N	Ņ	N [.]	UT-11-776
O1.C5.51.0052	1-03A-4-6A	03A	04/21/11	CLR	N	Ŷ	Ň.	UT-11-788 (Page 1)
								Geometric reflector from backing ring.
		03A	04/21/11	CLR	Ň	Y	Ň	UT-11-788 (Page 2)
								Geometric reflector from backing ring.
		03A	04/21/11	CLR	N	Ŷ	N	UT-11-788 (Page 3)
								Geometric reflector from backing ring.
		03A	04/21/11	CLR	N.	Ň	Ň	UT-11-788 (Page 4)
O1.C5.51.0053	1LPS-702-50	1 4 B	03/31/11	CLR	Y	• N	¥.	UT-11-679 (Page 1)
	۰.							Percentage of coverage < 90%. Reference PIP O-11-6923.

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Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
D1.C5.51.0053	1LPS-702-50	14B	03/31/11	CLR	Y	N	Y	UT-11-679 (Page 2)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		14B	03/31/11	CLR	Ŷ	N	Y	UT-11-679 (Page 3)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		14B	03/31/11	CLR	Y	N	Ŷ	UT-11-679 (Page 4)
								Percentage of coverage < 90%. Reference PIP O-11-6923.
		14B	03/31/11	CLR	N	Ņ.	N	UT-11-879 (Page 5)
		They a survey and the survey and	Parriel 444-1440-1440-1440-1440-1440-1440-1440-					
D1.C5.51.0055	1LPS-560-57MA	14B	03/29/11	CLR	Ņ	N	N	UT-11-681
 D1.C5.51.0056	1LPS-560-58M	14B	03/29/11	CLR	N	N	N	UT-11-680
01.C5.51.0057	1LPS-560-80	140	03/29/11	CLR	N,	N	N.	UT-11-706 (Page 1)
		14B	03/29/11	CLR	Ň	Ň	Ň.	UT-11-706 (Page 2)
D1.C5.51.0062	1FDW-182-24V		04/13/11	CLR	N	Ņ	N	UT-11-737 (Page 1)
		03A	04/13/11	CLR	Ν.	N	Ņ.	UT-11-737 (Page 2)
D1.C5.61.0004	1FDW-181-22	· · · 03A	04/27/11	REC	- <u> </u>	.~ N	N	RT-N/A
								Indication #9 on data sheet is acceptable
01.D1.10.0001	1-SF-COOLER-A	56	03/21/11	CLR	N	Ň	N	VT-11-673
O1.D1.20.0004	1-03-0-551 - H49	03	04/06/11	CLR	N	Ņ	Ň	VT-11-732
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Summary No	Component ID	System	insp Date	Insp Status	insp Limited	Geo Ref	RFR	Comment
O1.D1.20.0007	1-03A-1-0-400B-SR84	03A	03/24/11	CLR	N	N	N	VT-11-678
O1.D1.20.0008	1-03A-1-0-401B-SR30	03A	04/08/11	CLR	N	Ņ	Ň	VT-11-749
O1.D1.20.0009	1-03A-1-0-439C-H10	03A	04/18/11	CLR	Ň	N	Ň	VT-11-786
O1.D1.20.0016		03A	03/22/11	CLR	N	N	N	VT-11-680
O1.D1.20.0017	1-03A-1-0-400A-SR66	03A	03/24/11	CLR	N	N	N	VT-11-682
O1.D1.20.0024	1-14B-436D-SR41	14B	03/21/11	CLR	Ń	Ň	N	VT-11-669
O1.D1.20.0026	1-56-438C-SR14	56	03/03/11	CLR	·N	N	N	VT-11-657
O1.D1.20.0027	1-56-5-0-437B-H16	56	03/21/11	CLR	N	N	N	VT-11-671
O1.F1.10.0002	1-51A-0-479A-H15B	51A	04/05/11	REC	.N	N	N:	VT-11-733
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service.
O1.F1.10.0003	1-51A-0-479A-H2B	51A	04/05/11	CLR	N	Ň	N	VT-11-737
O1.F1.10.0008	1-53A-0-478A-H2A	53A	04/16/11	CLR	N	Ň	Ň	VT-11-779
O1.F1.11.0003	1-51A-0-479A-H6A	51A	04/05/11	CLR	N	N	N	VT-11-738
O1.F1.11.0005	1-53-0-479A-H2	53	04/18/11	CLR	Ň	 Ñ	N	VT-11-788

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Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.F1.11.0007	1-53A-0-478A-H5A	53A	04/06/11	CLR	N	N	N	VT-11-729
O1.F1.11.0008	1-53A-0-481A-H38C	53A	04/16/11	CLR	Ň	N	 N.	VT-11-780
O1.F1.12.0004	1-51A-0-479A-H13B	51A	04/05/11	REC	N	N	N	VT-11-727
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO# 1978148 written to correct problems.
O1.F1.12.0007	1-53A-0-478A-H3A	53A	04/16/11	CLR	Ń	N	N	VT-11-781
O1.F1.20.0001	1-01A-0-550-H13	01A	04/22/11	REC	N	Ň	N	VT-11-795
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service.
O1.F1.20.0003	1-01A-0-481A-H2A	01A	04/17/11	REC	N	Ņ	N.	VT-11-792
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service.
O1.F1.20.0006	1-03-0-480A-H6B	03	04/05/11	CLR	N	'N	Ņ	VT-11-739
O1.F1.20.0008	1-14-0-480A-H22C	14	04/14/11	REC	N	Ň	N	VT-11-767
								The discrepancies found were reviewed by Civil Engineering are not service Induced, and the support was found to be acceptable for service. WO# 1032592 written to correct problems.
O1.F1.20.0018	1-51-0-444-SR53	51	03/10/11	CLR	N	N	N.	VT-11-656
01.F1.20.0032	1-51B-2-0-444-H41	51B	04/17/11	CLR	N	N	 N	VT-11-783
O1.F1.20.0040	1-53B-3-0-438C-H26	53B	04/18/11	- CLR	- N	N	Ň	VT-11-787
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Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.F1.20.0042	1-53B-5-0-439B-H50	53B	02/09/11	CLR	N	N	N	VT-11-859
O1.F1.20.0052	1-54A-3-0-439C-H5	54A	03/28/11	REC	N		N -	VT-11-689
								The discrepancies found were reviewed by Civil Engineering are not service Induced, and the support was found to be acceptable for service.
O1.F1.20.0162	1-53B-435B-DE027	53B		CLR	N	N	Ņ	VT-11-688
O1.F1.21.0001	1-03-0-481A-H11B	03	04/18/11	REC	- N.	N	N.	VT-11-789
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO#1033340 written to correct problems.
O1.F1.21.0015	1-51-0-436D-SR8	51	04/20/11	REC	N	'N	Ņ	VT-11-793
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO#1033397 written to correct problems.
O1.F1.21.0016	1-51A-435C-DE006	51A	03/28/11	CLR:	N	N	N:	VT-11-684
O1.F1.21.0021	1-51A-0-478A-H18C	51A	04/14/11	CLR	N	N	N	VT-11-768
O1.F1.21.0026	1-53B-0-439C-DE053	53B	03/09/10	CLR	N	Ň	N	VT-11-655
O1.F1.21.0033	1-54A-0-439A-R21	54A	03/09/11	CLR	N	N	Ņ	VT-11-860
O1.F1.21.0034	1-54A-3-0-439C-H13	54A	03/03/11	CLR	Ň	N	Ň	VT-11-661
O1.F1.21.0222	1-20B-485A-H5614	20B	03/23/11	REC	 N	 N	Ň	VT-11-685
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO#1032332 written to correct problems.
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O1.F1.22.0001	1-01A-0-550-H10	01 A	04/02/11	REC	N	N	Ņ	VT-11-697
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO#1032311 written to correct problems.
O1.F1.22.0003	1-01A-0-481A-H1A	01A	04/17/11	REC	N	.N	N	VT-11-791
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO#1033106 written to correct problems.
O1.F1.22.0007	1-01A-0-481B-H11A	01A	04/05/11	CLR	N	N	N	VT-11-728
O1.F1.22.0010	1-03-0-480A-H7B	03	04/18/11	CLR	N	Ņ	Ņ	VT-11-784
O1.F1.22.0011	1-03A-1-0-437A-H71	03A	02/09/11	CLR	N	Ņ	N	VT-11-662
O1.F1.22.0023	1-53B-5-0-436D-H16	53B	04/17/11	CLR	N.	N	.N.	VT-11-782
O1.F1.22.0025	1-53B-4-0-444-H64	53B	04/28/11	CLR	N	N	Ň	VT-11-799
O1.F1.30.0001	1-01A-403C-DE002	01A	04/02/11	REC	Ņ		N	VT-11-694
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO# 1032684 written to correct problems.
O1.F1.30.0004	1-03-0-551-H49	03	04/06/11	CLR	Ň	N	N	VT-11-731
O1.F1.30.0006	1-03A-401B-DE048	03A	04/05/11	REC		N	۰Ń	VT-11-702
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service.

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Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.F1.30.0007	1-03A-1-0-439C-H10	03A	04/18/11	CLR	N	N	N	VT-11-785
01.F1.30.0009	1-03A-1-0-439B-H15	03A	02/09/11	CLR	Ň	Ň	 Ň	VT-11-663
O1.F1.30.0011	1-03A-480A-H3A	03A	04/18/11	CLR	Ń	Ň	Ň	VT-11-790
O1.F1.30.0015	1-03A-1-0-400B-SR84	03A	03/24/11	CLR	Ń	Ň	N	VT-11-679
O1.F1.30.0024	1-03A-1-0-437A-H63	03A	04/30/11	CLR	N	:N	N	VT-11-800
O1.F1.30.0025	1-03A-1-0-437A-SR61	03A	05/01/11	CLR	N	N	Ň	VT-11-801
D1.F1.30.0030	1-07A-400B-DE010	07A	03/21/11	CLR	N	Ņ	Ņ	VT-11-674
D1.F1.30.0031	1-07A-400B-DE058	07A	03/29/11	CLR	Ņ	N	Ņ	VT-11-887
D1.F1.30.0053	2-14B-400B-SR1	14B	03/21/11	CLR	N	Ņ	N	VT-11-675
D1.F1.30.0054	3-14B-6-0-2436C-SR22	148	03/10/11	CLR	Ŋ.	N	N.	VT-11-664
O1.F1.30.0055	2-14B-1436D-DE-011	14B	03/10/11	REC	N	N	N,	VT-11-665
							D	The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO# 1032753 written to correct problems.
O1.F1.30.0059	1-56-438C-SR14	56	03/03/11	CLR	N	Ń	N	VT-11-658
01.F1.30.0225	1-03A-401B-SR32	03A		CLR		Ņ	N	VT-11-676

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Summary No	Component ID	System	insp Date	insp Statu s	Insp Limited	Geo Ref	RFR	Comment
O1.F1.31.0001	1-01A-403C-DE003	01A	04/02/11	REC	N	N	N	VT-11-695
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service.
O1.F1.31.0007	1-03A-1-0-439B-SR47	03A	03/22/11	CLR	Ň	'n	N	VT-11-681
O1.F1.31.0008	1-03A-1-0-400A-SR66	03A	03/24/11	CLR	N	Ņ	N	VT-11-683
O1.F1.31.0019	1-14A-400B-H4248	14A	03/21/11	CLR	N	Ņ	N	VT-11-677
O1.F1.31.0021	1-14B-436D-SR41	14B	03/21/11	CLR	Ň	Ņ	N	VT-11-670
O1.F1.31.0027	- 1-56-0-438C-SR11	56	03/03/11	CLR	N	N	N	VT-11-666
O1.F1.31.0028	1-57-0-480A-H19	57	04/05/11	CLR	N	Ň	Ň	VT-11-740
O1.F1.31.0219	1-03A-1-0-401B-SR30	03A	04/08/11	CLR	Ň	Ņ	Ň	VT-11-750
O1.F1.32.0016	1-08-1-0-400A-H8	08	03/29/11	CLR	Ņ	Ň	Ņ.	VT-11-686
O1.F1.32.0020	1-56-5-0-437B-H16	56	03/21/11	CLR	N ¹	:N	N	VT-11- 8 72
O1.F1.32.0022	1-57-0-481A-H21	57	06/03/11	CLR	Ň.	Ň	N.	VT-11-804
O1.F1.32.0023	1-57-0-481A-H9	57	05/17/11	REC	N	Ň	' N ,	VT-11-803
								The discrepancies found were reviewed by Civil Engineering are not service induced, and the support was found to be acceptable for service. WO# 1034893 written to correct problems.
O1.F1.40.0007	1-HPI-A-SUPPORT	51A	02/09/11	CLR	N	N	N.	VT-11-667
Printed 7/14/2011	9:11:48 AM gds5841 v. 01/0	1/08			SI	DQA Cat	"C"	Oconee 1 7/14/2011 9:09:35 AM Page 29 of 35

Summary No	Component ID	System	insp Date	insp Status	insp Limited	Geo Ref	RFR	e Comment
O1.F1.40.0026	1-AUX-SER-PUMP	03A	02/09/11	CLR	N.	N	Ň,	VT-11-668
O1.F1.40.0034	1-50-0-66A-RCPM-S12	50	04/05/11	CLR	N	<u>N</u>	N	VT-11-734
O1.F1.40.0048	1-SGB-SKIRT	50	04/04/11	CLR	N'	Ņ	Ņ	VT-11-742
O1.G16.1.0001	1-50-01-21		04/10/11	CLR	N	N	N	UT-11-701
O1.G16.1.0002	1-50-01-258	50	04/10/11	CLR	N	N	N	UT-11-702
O1.G16.1.0003	1-50-01-ELBOW	50	04/10/11	CLR	N	N	N	UT-11-703
O1.G16.1.0004	1RC-261-266	50	04/07/11	CLR	N	Ň	N	UT-11-683
O1.G16.1.0005	1RC-261-267	50	04/07/11	CLR	N	.N	Ņ	UT-11-684
O1.G16.1.0006	1RC-261-ELBOW	50	04/07/11	CLR	N	Ņ	N	UT-11-685
O1.G2.1.0021	1A1-THERM SLEEVE	51A	04/28/11	CLR	N'	Ň	'n	RT-N/A
O1.G2.1.0022	1B1-THERM SLEEVE	51A	04/14/11	CLR	N	N	N.	RT-NA
O1.G2.1.0023	1B2-THERM SLEEVE	51A	04/14/11	CLR	Ň	N		RT-NA
O1.G2.1.0024	1A2-THERM SLEEVE	51A	04/28/11	CLR	N	Ň	Ň	RT-N/A
O1.G4.1.0005	1HP-255-6	51A	04/10/11	CLR	N	N	N	UT-11-704 (Page 1)

SDQA Cat "C"

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Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.G4.1.0005	1HP-255-6	51A	04/10/11	CLR	N	N	N	UT-11-704 (Page 2)
O1.G4.1.0006	1HP-190-12	51A	04/13/11	CLR	N	'N	N	UT-11-726 (Page 1)
		51A	04/13/11	CLR	Ņ	N	<u>N.</u>	UT-11-726 (Page 2)
O1.G4.1.0009	1HP-190-16	51A	04/13/11	CLR	Y	N	N	UT-11-727 (Page 1)
								No percentage of coverage required. No Request for Relief required.
		51A	04/13/11	CLR	Ϋ́.	N	N.	UT-11-727 (Page 2)
								No percentage of coverage required. No Request for Relief required.
		51A	04/13/11	CLR	Y.	N	'N	UT-11-727 (Page 3)
								No percentage of coverage required. No Request for Relief required.
O1.G4.1.0010	1HP-190-13	51A	04/13/11	CLR	Ň	Ň	N	UT-11-728 (Page 1)
		51A	04/13/11	CLR	N	'N	N	UT-11-728 (Page 2)
O1.G4.1.0011		51A	04/12/11	CLR	N	N	Ņ	UT-11-734 (Page 1)
		51A	04/12/11	CLR	N	N	Ņ.	UT-11-734 (Page 2)
O1.G4.1.0012	1HP-279-3	51A	04/12/11	REC	Y.	Ϋ́	N	UT-11-735 (Page 1)
								No percentage of coverage required. No Request for Relief required.
		51A	04/12/11	CLR	N	Y	N	UT-11-735 (Page 2)
								No percentage of coverage required. No Request for Relief required.

SDQA Cat "C"

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Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O1.G4.1.0013	1HP-279-24	51A	04/12/11	CLR	Y	Ν	N	UT-11-736 (Page 1)
								No percentage of coverage required. No Request for Relief required.
		51A	04/12/11	CLR	Y	N	N	UT-11-736 (Page 2)
								No percentage of coverage required. No Request for Relief required.
		51A	04/12/11	CLR	Y	N	N	UT-11-736 (Page 3)
								No percentage of coverage required. No Request for Relief required.
O1.G4.1.0015	1HP-277-42C	51A	04/15/11	CLR	Ň	N	N	UT-11-753 (Page 1)
		51A	04/15/11	CLR	N	Ņ	N	UT-11-753 (Page 2)
D1.G4.1.0016	1HP-277-43C	51A	04/15/11	CLR		N	N	UT-11-754 (Page 1)
		51A	04/15/11	CLR	Ņ	N	N	UT-11-754 (Page 2)
D1.G4.1.0017	1HP-277-52	51A	04/15/11	CLR	Y ¹	N	N.	UT-11-755 (Page 1)
								No percentage of coverage required. No Request for Relief required.
		51A	04/15/11	CLR	Y	N	N	UT-11-755 (Page 2)
								No percentage of coverage required. No Request for Relief required.
		51 A	04/15/11	CLR	Y	Ñ	Ň	UT-11-755 (Page 3)
								No percentage of coverage required. No Request for Relief required.
O1.G4.1.0019	1HP-278-22C	51A	04/10/11	CLR	N	N	N	UT-11-709 (Page 1)
		51A	04/10/11	CLR	Ň	N	N	UT-11-709 (Page 2)
O1.G4.1.0020	1HP-278-23C	51A	04/10/11	CLR	Ņ	N	Ň.	UT-11-708 (Page 1)
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Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
Q1.G4.1.0020	1HP-278-23C	51A	04/10/11	CLR	N	N	N	UT-11-708 (Page 2)
O1.G4.1.0021	1HP-278-24	51A	04/10/11	CLR	Y	Ň:	Ń	UT-11-710 (Page 1)
								No percentage of coverage required. No Request for Relief required.
		51A	04/10/11	CLR	Y	N	N	UT-11-710 (Page 2)
								No percentage of coverage required. No Request for Relief required.
		51A	04/10/11	CLR	Ý	N	N	UT-11-710 (Page 3)
								No percentage of coverage required. No Request for Relief required.
O1.H2.1.0004	1-PHB-13	50	04/05/11	CLR	Ň		'N	PT-11-308
O1.H2.1.0005	1-PHB-14	50	04/05/11	CLR	N.	N	N	PT-11-309
O1.H2.1.0006	1-PHB-15		04/05/11	CLR	N	Ň	N	PT-11-310
O1.H2.1.0009	1-PIB1-12	<u></u> ,50	04/15/11	CLR	N [.]	Ņ'		PT-11-332
O1.H4.1.0010	1-03-0-551-H49	03	04/14/11	CLR	N	N	Ņ	MT-11-112
		03	04/06/11	CLR	Ň	Ń	Ň	VT-11-730
O1.H4.1.0020	1-FPA-25	03	04/20/11	CLR	Ň	- N	'N	PT-11-340
O1.H4.1.0021	1-FPA-27	03	04/20/11	CLR	Ņ,	[.] N	N	PT-11-341
O1.H4.1.0031	1-01A-0-550-H10	01A	04/02/11	REC	Ŋ	N	N	VT-11-696
								WO# 1032311 written to correct problems.
-								
Printed 7/14/2011	1 9:11:48 AM gds5841 v. 01	1/01/08			SI	DQA Cat'	"C"	Oconee 1 7/14/2011 9:09:35 AM Page 33 of 35

Summary No	Component ID	System	insp Date	Insp Status	insp Limited	Geo Ref	RFR	Comment
Q1.H4.1.0032	1-01A-0-550-MS-1	01A	04/13/11	CLR	N	N	N	VT-11-769
Q1.H4.1.0037	1-01A-0-550-H20	01A	04/02/11	CLR	N	N	Ń	VT-11-693
Q1.H4.1.0038	1-01A-0-550-H21	01A	04/02/11	CLR	N	N	Ń	VT-11-692
Q1.H4.1.0040	1-01A-0-550-H22	01A	04/02/11	CLR	N ¹	N	Ň	VT-11-691
O1.H4.1.0041	1-01A-0-550-H23	01A	04/02/11	CLR	N .	N :	Ņ	VT-11-690
O1.H4.1.0044	1-01A-0-550-MS-4	01A	04/05/11	CLR	N.	N	Ň	VT-11-741
Q1.H5.1.0004	1MS-070-2BD	01A	04/13/11	CLR	Ņ	Ņ	N	UT-11-729
		01A	04/13/11	CLR	N	N	'N	UT-11-731 (Page 1)
		01A	04/13/11	CLR	N	¹ N	Ņ	UT-11-731 (Page 2)
O1.H5.1.0005	1-MS9A-A	01A	04/13/11	CLR	Ņ	Ń	N	UT-11-730
		01A	04/13/11	CLR	N	N	N	UT-11-732 (Page 1)
		01A	04/13/11	REC	N	¥.	Ņ	UT-11-732 (Page 2)
								Geometric Reflector due to weld root geometry.
O1.H6.1.0001	1-PEN-25-WHIP	03	05/05/11	CLR	Ņ	N	'n	VT-11-802
O1.H6.1.0002	1-PEN-27-WHIP	03	05/05/11	CLR	Ņ	N		VT-11-797
O1.Q1.1.0001	1RC-229-67V	50	04/19/11	CLR	N	N	N	UT-11-778 (Page 1)
Printed 7/14/201	1 9:11:48 AM gds5841 v. 01	1/01/08			SI	DQA Cat	"C"	Oconee 1 7/14/2011 9:09:35 AM Page 34 of 35

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geò Ref	RF R	Comment	
Ò1.Q1.1.0001	1RC-229-67V	50	04/19/11	CLR	N	N	N	UT-11-778 (Page 2)	
O1.Q1.1.0002	1RC-230-57V	50	04/13/11	CLR	– Ň	N	N	UT-11-733 (Page 1)	
		50	04/13/11	CLR	N	N	Ņ	UT-11-733 (Page 2)	
		50	04/13/11	CLR	Ň	N	N	UT-11-733 (Page 3)	

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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 in the NIS-2 forms in this section. Attachment A lists the NIS-2 forms that were completed during 1EOC26 and items completed during 1EOC25 that were not included in that report.

There were work orders completed during 1EOC-26 but the reviews were not completed nor were the NIS-2 forms generated in time to be submitted in this report. PIP O-11-09131 was generated to document the work orders that will not have NIS-2 forms included in this report. These NIS-2 forms will be included in the next report.

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

5.1 Class 1 and 2 Preservice Examinations

As required by the applicable code, Preservice Inspection (PSI) Examinations were performed on ISI Class 1 and ISI Class 2 items during this report period. PSI examination data for items examined during 1EOC26 are filed with the Work Order and can be viewed in NEDL Portal.

List of Class 1 and 2 NIS 2 for 1EOC26

Work Order No.	Class
1899940-01,25.31,32	1
1900012	1
1885973	1
1893335	2
1903649-10	2
1895925	2
1895522	1
1932687	1
1895507-01	2
1981214	2
1933248-01	2
1899938	2
1894714	2
1933299	1
1964436	2
1893262	1
1962788	2
1932479	2
1978272	2
1932697-07	2
1889942	2

Attachment A

List of Class 1 and 2 NIS 2's completed during 1EOC25

.

Work Order #	Class
1845308	1
1891891	1
1892729	1
1801866	2
1898176-02	1

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					Work O	rder Num	ber	1	Sheet	
					01899	01899940- 01,25, 31, 32			1 of	f 2
1. Owner			2. Pla	ant	-			†-	Jnit	
	rgy Carolinas, LL	c		Oconee Nu		m			ONS - 1	
	Church Street			7800 Roche Seneca, SC	•			ſ	Date	
					والمتعادية والمتعادية				5/31	/2011
3. Work Performed	d by				Туре Со	ode Symt	Not App	plicable		
	ergy Carolinas, LI	C			Authori	zation Nu	Imber			i
	h Church Street						Not Ap	plicabl	e	-
Charlotte	, NC 28201-1006		_		Expirati	on Date	Not Ap	plicabl	e	
4. Identification of	System, ASME CI		Pressu	re Injection, ASN	AE Class 1					
5. (a) Applicable Construction Code: USAS B31.7 19 69 Edition, No Addenda, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) None None None None None										
6. Identification of	Components						-			
Name of Component	Name of Manufacturer	Manufact Serial Nu		National Board No.	Othe Identific		Year Built	Rem	ected, oved, stalled	ASME Code Stamped (Yes / No)
1HP-545	Flowserve Co	34BR	G	2703	UTC - 19	71561	2010	Inst	alled	YES
1HP-546	Flowserve Co	31BR	G	2700	UTC - 19	71558	2010	Inst	alled	YES
Piping	DEC	None)	None	Non	e	2011	Inst	alled	NO
•Support 51A-0- 479-A-H16B	DEC	None	;	None	Non	e	2011	Con	rected	NO
										-
7. Description of	Work							<u></u>		<u>.</u>
EC100141 - Install 1/2", Class A vents 1HP-545 and 1HP-546 with 1/2" piping and half coupling. Other valves on EC are ISI B.										
8. Test Conducte	tatic 🗌 Pneumat			Operating Pressure		npt [Other			
	Pressure	PS	1	Test Tem	perature		°F			

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

As required by the provisions of the ASME Code Section XI

	Work Order Number	Sheet					
	01899940-01,25, 31, 32	2 of 2					
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	•						
• Support 51A-0-479-A-H16B, removed 4" x 7.25" channel, and (1) lug							
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6							
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CERTIFICATE OF COMPLIA	NCE						
I certify that the statements made in the report are correct and that t ASME Code, Section XI.	this conforms to the requireme	ents of the					
Type Code Symbol Stamp Not A	pplicable						
Certificate of Authorization Number Not Applicable	Expiration Date Not A	pplicable					
Signed Willer Just Bill Foster / Engineer III Owner or Owner's Designee, Title	Date 5/31/201	1					
	· · · · · · · · · · · · · · · · · · ·						
	CERTIFICATE OF INSERVICE INSPECTION						
I, the undersigned, holding a valid commission issued by the Nation							

of <u>Hartford, Connecticut</u> in this Owner's Report during the period <u>2</u> <u>9</u> <u>11</u> to <u>7</u> <u>27</u> <u>11</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report 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 stall be liable in any manner for any personal injury or property damage or a loss of any

kind arising from precimected with this inspection. Commissions 13048 201 inspector's Signature National Board, State, Province, and Endorsements Date

						Work Order Num		Sheet	
						1900	U12	1 of	2
1. Owner2. PlantDuke Energy Carolinas, LLCOconee Nucl526 South Church Street7800 RochestCharlotte, NC 28201-1006Seneca, SC 2					este	ter Hwy Date			
3. Work Performed	i by	1				Type Code Symb		plicable	
	ergy Carolinas, LI 1 Church Street	.C				Authorization Nu	mber	plicable	
Charlotte,	NC 28201-1006					Expiration Date	Not Ap	plicable	
4. Identification of	System, ASME CI		ure I	njection (LPI), A	ISN	Æ Class 1			
5. (a) Applicable Construction Code: USAS B31.7 19 69 Edition, No Addenda, N/A Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition, 2000 Addenda. (c) Applicable Section XI Code Case(s) N/A							ode Case		
6. Identification of Name of Component	Components Name of Manufacturer	Manufactu Serial Num		National Board No.		Other Identification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)
1LPI-166	Flowserve	51BKM		2056	I	UTC-1913504	2008	Installed	YES
1LPI-167	Flowserve	E-788A-3	-1	None	1	UTC-1015203	2000	Installed	YES
1LPI-168	Flowserve	49BKM		2055	١	UTC-1913503	2008	Installed	YES
1 LPI- 172	Flowserve	51PBJ		2495	ſ	UTC-1944761	2009	Installed	YES
1 LPI-173	Flowserve	55PBJ		2499	1	UTC-1945256	2009	Installed	YES
1LPI-215	Flowserve	52PBJ		2496	1	UTC-1945253	2009	Installed	YES
Piping	DEC	None		None		None	2011	Installed	NO
1LP-216 O	Flowserve	31BEZ		1623	1	UTC-1092964	2006	Corrected	YES
7. Description of Work EC77309 (OD100108), Install Thermal Relief Line around 1LP-1 and 1LP-2 and remove instrumentation installed by EC 92495.									
8. Test Conducted Image: Static st									

		Work Order Numb	er	Sheet			
		190001	2	2 of 2			
9. Remarks (Applicable Manufacturer's Data Reports to be attached)	9. Remarks (Applicable Manufacturer's Data Reports to be attached)						
			······································				
• Valve 1LP-216 was originally tagged as 1LP-166, no work perform	ned on the	valve.					
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CERTIFICATE OF C		ICE					
I certify that the statements made in the report are correct a ASME Code, Section XI.	and that th	nis conforms to the	e requireme	nts of the			
Type Code Symbol Stamp	Not Ap	oplicable	• • •				
Certificate of Authorization Number Not Applicable		Expiration Date	Not A	pplicable			
Signed Kukannon K.W. Rannou Sr.	Eng. [Date	6/15/201	1			
Owner or Owner's Designee, Title				_			

CERTIFICATE OF INSERVICE I	NSPECT	TION	· · · · · · · · · · · · · · · · · · ·
I, the undersigned, holding a valid commission issued by the Nati	ional Bo	ard of Boiler and I	Pressure Vessel
Inspectors and the State or Province of Sourd CALOLINA	and e	mployed by	HSB CT
of Hartford, Connecticut		have inspected th	e components described
in this Owner's Report during the period	to	7/27/11	, and state that
to the best of my knowledge and belief, the Owner has perform	ied exa	minations and ta	ken corrective measures
described in this Owner's Report in accordance with the requirement			
By signing this certificate petther the Inspector nor his emplo	oyer ma	akes any warrant	y, expressed or implied,
concerning the examinations and corrective measures described i	in this C	Owner's Report.	Furthermore, neither the
Inspector nor his employer shall be liable in any manner for any pe	ersonal	injury or property	damage or a loss of any
kind arising from or connected with this inspection.			
		10 101	
Commissions	130	40,201	AN /
Inspector s Signature	Natio	onal Board, State Aro	vince, and Endorsements
Date 7/27/11			

				Work Order Num	ber	Sheet	
				01885	5973	1 of	f 2
1. Owner		2.	Plant			Ųnit	
Duke Ene	rgy Carolinas, LL	C I	Oconee Nucle	ear Station		ON	IS - 1
-	n Church Street		7800 Rochest	er Hwy		Date	
Charlotte	Charlotte, NC 28201-1006 Seneca, SC 29672			4/19	/2011		
3. Work Performe	d by		· ··· ································	Type Code Symb			
Duko En	ergy Carolinas, LI	C				plicable	
	h Church Street	L .		Authorization Nu		plicable	
	, NC 28201-1006			Expiration Date			
					Not Ap	plicable	
4. Identification of			62), Process Pipe Si	ze 1 inch, ASMI	E Class 1		
5.							
(a) Applicable Con: (b) Applicable Editi		USAS B31.7		lition, lition, 2000	_ Addend Addend		Code Case
(c) Applicable Sect			y 17 <u>.56</u> C	1001, 2000		a .	
6. Identification of							
Name of Component	Name of Manufacturer	Manufacturer Serial Number		Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
1RC-162	Target Rock Corp.	UKN	UKN	Part # 303280-2 See Remarks	UKN	Corrected	YES
		: 					
		, , , , , , , , , , , , , , , , , , ,					
7. Description of	Mork					<u> </u>	
-		hrome plating f	laking inside the bor	net tube.		·	
8. Test Conducte			l Operating Pressure Test Temper	Exempt] Other °F		

	Work Order Number	Sheet
	01885973	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attack	hed)	
Bonnet Assembly CID 492150, UTC 1957080, Data Report (
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6		
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Ω	······································	

CERTIFICATE OF COMPLIANCE						
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.						
Type Code Symbol Stamp Not Applicable						
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable			
Signed <u>Auto Succ</u> Owner or Owner's Desig	Robert Bell, Tech Spec IV	Date	4/19/2011			

CERTIFICATE OF INSERVICE INSPECTION

I, the unde	rsigned, holding a valid commissig	n jssued by the N	ational Bo	oard of Boiler and	Pressure Vessel
Inspectors and	rsigned, holding a valid commission of the State or Province of	Carolina	and	employed by	HSB CT
of	Hartford, Connectic			have inspected th	ne components described
	s Report during the period/	19/11	to	7/21/11	, and state that
	f my knowledge and belief, the				
	nis Owner's Report in accordance v				
	g this certificate neither the Insp				
	e examinations and corrective m				
	his employer shall be liable in an		personal	injury or property	damage or a loss of any
kind arising tro	om or connected with this inspectio	n.		_	
a None de la	c Q. A. t. aluetter	Commissions	N	88447AB,	AT
Nrnig	CKitchig Shrightin Inspector's Signature	_ Commissions _			ovince, and Endorsements
	Inspector's Signature U		inau	ional Board, State, Pr	ovince, and Endorsements
Date /	121/11				

		Work Order Num	nber	Sheet			
		1895	522	1 of	2		
2. 1	Plant			Unit			
.c	Oconee Nucle	ear Station		ON	IS - 1		
				Date	· · · · · · · · · · · · · · · · · · ·		
;	Seneca, SC 2	9672			/2011		
3. Work Performed by Type Code Symbol Stamp							
LC		Authorization Nu	-				
_				plicable			
		Expiration Date	Not Ap	plicable	-		
	sure Injection ASM						
			· · ·				
USAS B31.7	19 69 Ec	lition, No	Addend	a, None C	code Case		
	y 19 <u>98</u> Ec	lition, <u>2000</u>	_ Addend	a.			
) <u>None</u>					:		
		Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)		
				·			
UNK	UNK	See Remarks	UNK	Corrected	NO		
					· · · · · · · · · · · · · · · · · · ·		
				· · · · · · · · · · · · · · · · · · ·			
				_			
	-			· · · · · · · · · · · · · · · · · · ·			
		-					
	<u> </u>		l				
7. Description of Work Make 2 to 1 taper welds on HPI warming line							
					÷		
tic 🗌 Nomina PSI		Exempt [Other _				
	C.	7800 Rochest Seneca, SC 2 LC iass High Pressure Injection, ASMI USAS B31.7 19 69 Ed ed For R/R Activity 19 98 Ed None National Board No. UNK UNK UNK UNK UNK Interval Interval Interval Interval Interval Interval Interval Interval Interval UNK UNK Interval Interval Interval Interval	2. Plant .C Oconee Nuclear Station 7800 Rochester Hwy Seneca, SC 29672 C Authorization Nu- Expiration Date C Authorization Nu- Expiration Date C Expiration Date C Expiration Date Display Edition, No- 2000 19 69 Edition, 2000 No- 2000 None Manufacturer Serial Number National Board No. Other Identification UNK UNK See Remarks <td>2. Plant .C Oconee Nuclear Station 7800 Rochester Hwy Seneca, SC 29672 C Type Code Symbol Stamp Not Ap Authorization Number Not Ap Expiration Date C Authorization Number Not Ap Expiration Date C Authorization Number Not Ap Expiration Date C Authorization Number Not Ap Expiration Date <t< td=""><td>1895522 1 of C Oconee Nuclear Station 7800 Rochester Hwy Seneca, SC 29672 On Juit Jate 5/18 Juit Jate 5/18 Juit Not Applicable Authorization Number Not Applicable Not Applicable LC Authorization Number Not Applicable Juit USAS B31.7 19 ed For R/R Activity 19 98 Edition, No Addenda, None None</td></t<></td>	2. Plant .C Oconee Nuclear Station 7800 Rochester Hwy Seneca, SC 29672 C Type Code Symbol Stamp Not Ap Authorization Number Not Ap Expiration Date C Authorization Number Not Ap Expiration Date C Authorization Number Not Ap Expiration Date C Authorization Number Not Ap Expiration Date <t< td=""><td>1895522 1 of C Oconee Nuclear Station 7800 Rochester Hwy Seneca, SC 29672 On Juit Jate 5/18 Juit Jate 5/18 Juit Not Applicable Authorization Number Not Applicable Not Applicable LC Authorization Number Not Applicable Juit USAS B31.7 19 ed For R/R Activity 19 98 Edition, No Addenda, None None</td></t<>	1895522 1 of C Oconee Nuclear Station 7800 Rochester Hwy Seneca, SC 29672 On Juit Jate 5/18 Juit Jate 5/18 Juit Not Applicable Authorization Number Not Applicable Not Applicable LC Authorization Number Not Applicable Juit USAS B31.7 19 ed For R/R Activity 19 98 Edition, No Addenda, None None		

	Work Order Number	Sheet				
	1895522	2 of 2				
9. Remarks (Applicable Manufacturer's Data Reports to be attached)						
· · · · · · · · · · · · · · · · · · ·						
Filler Metal - 3/32" UTC 1912770, 1/8" UTC 1832499						
•						
<u> </u>	· · · · · · · · · · · · · · · · · · ·	·····				
8						
•						
6						
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CERTIFICATE OF COMPLIANCE				
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.				
Type Code Symbol Stamp Not Applicable				
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable	
Signed Owner or Owner's Design	Aaron Best, Engineer	Date	5/18/2011	

CERTIFICATE OF INSERVICE INSPECTION				
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel				
Inspectors and the State or Province of Souril Caeoluse	and employed by	HSB CT		
of Hartford, Connecticut	have inspected the	he components described		
in this Owner's Report during the period	to ClisIII	, and state that		
to the best of my knowledge and belief, the Owner has perform	ed examinations and ta	aken corrective measures		
described in this Owner's Report in accordance with the requirements	s of the ASME Code, Se	ction X ¹ .		
By signing this certificate neither the Inspector nor his emplo				
concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the				
Inspector not 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	3048,201, National Board, State, Pr	ANI		
Inspector's Signature	National Board, State, Pr	ovince, and Endorsements		
Date		c		

				Work Order Num	ber	Sheet	
				1932	687	1 of	2
1. Owner	······································	2. Pla	ant			Unit	
	rgy Carolinas, LL	с				S-1	
	Church Street		7800 Roches	•		Date	
Charlotte,	NC 28201-1006		Seneca, SC 29672			5/18/2011	
3. Work Performed	l by			Type Code Symbol Stamp Not Applicable			
	rgy Carolinas, LL	.C		Authorization Number Not Applicable			
	Church Street						
Charlotte,	NC 28201-1006			Expiration Date Not Applicable			
4. Identification of	System, ASME Cl		g liquid, ASME C	Class 1			
5.		F	5 1				
(a) Applicable Cons	struction Code:	USAS B31.7	19 69 I	Edition, No	Addend	a, No C	Code Case
(b) Applicable Edition			19 <u>98</u> I	Edition, 2000	_ Addend	a.	
(c) Applicable Secti		<u>None</u>					
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)
S/R 1-64-479D- H6347	DUKE	NONE	NONE	NONE	1972	Corrected	NO
		· · · · · · · · · · · · · · · · · · ·		<u> </u>			
						I	
					┨────	1	<u> </u>
7. Description of	Work						
Replaced bolts, n	uts and washers						
8. Test Conduct	ed						
Hydros	tatic 🔲 Pneuma		Operating Pressure		Other °F		
1	Pressure	PSI	Test Tem	perature	°F		

	Work Order Number	Sheet			
	1932687	2 of 2			
9. Remarks (Applicable Manufacturer's Data Reports to be attached)					
• Replaced 1/2"x 1 1/2" bolts, heavy hex, carbon stl, ASTM A325, UTC 0001	964693 (5)				
Replaced 1/2" nut, heavy hex, carbon stl, ASME SA194 Gr 2H, UTC 00019	60061 (5)				
S Replaced 1/2" washer, hardened stl, ASTM F436 type 1, UTC 0001911780					
Replaced 1/2"x 2" bolts, heavy hex, carbon stl, ASME SA325, UTC 197255	i3 (5)				
ð					
0		_			
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8					
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CERTIFICATE OF COMPLIANCE			
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.			
Type Code Symbol Stamp	Not Applicable		
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed Anna D. Spin Owner or Owner's Design	Engineer I	Date 5-/8-11	· · · · · · · · · · · · · · · · · · ·

CERTIFICATE OF INSERVICE INSPECTION			
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel			
Inspectors and the State or Province of Sourd Creolina	_ and employed by		
of Hartford, Connecticut	have inspected the	components described	
in this Owner's Report during the period 4/s/11		, and state that	
to the best of my knowledge and belief, the Owner has perform	ned examinations and take		
described in this Owner's Report in accordance with the requiremen			
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 lable in any manner for any personal injury or property damage or a loss of any			
kind arising from or connected with this inspection.			
	- 10 7-		
Commissions	13048, 201 National Board, State, Provi	4//	
VInspector's Signature	National Board, State, Provi	nce, and Endorsements	
	-		
	·		

					Work Order Num	ber	Sheet	
					1933	299	1 of	2
1. Owner	·····		2. Pla	int			Unit	
Duke Ene	rgy Carolinas, LL	C		Oconee Nuc	lear Station		ON	IS - 1
	Church Street		1	7800 Roche	•		Date	
Charlotte,	NC 28201-1006	-		Seneca, SC	29672		6/29	/2011
3. Work Performed	d by				Type Code Sym			•
Duke Ene	rgy Carolinas, LI	C			,		plicable	
	h Church Street	\sim			Authorization Nu		plicable	
	NC 28201-1006	I			Expiration Date			
						Not Ap	plicable	· · ·
4. Identification of	System, ASME CI		or Incor	e Detectors, ASI	AE Class 1			
5.						<u>.</u>	······································	<u> </u>
(a) Applicable Cons		USAS B			Edition, <u>No</u>	Addend		Code Case
(b) Applicable Edition(c) Applicable Section			•	19 <u>98</u>	Edition, <u>2000</u>	_ Addend	a .	
(c) Applicable Section of 6. Identification of)None						
Name of	Name of	Manufac	turne l	National	Other	Year	Corrected,	
Component	Manufacturer	Serial Nu		Board No.	Identification	Built	Removed,	Code
					1		or installed	Stamped (Yes / No)
Incore Detector x	Areva	See Rem	arks	N/A	See Remarks	UNK	Removed	NO
Nut Ring x 4	Areva	N/A		N/A	See Remarks	UNK	Removed	NO
Incore Detector x								
4	Areva	See Rem	narks	N/A	See Remarks	UNK	Installed	NO
Nut Ring x 4	Areva	N/A	L	N/A	See Remarks	UNK	Installed	NO
					- - -			
								1
<u> </u>	· ·					<u> · · ·</u>		
	<u> </u>	 				 		+
						1		
7. Description of	Work	1				<u></u>	<u> </u>	<u> </u>
Replaced 4 incom		as part of	normal	PM.				
•								<u> </u>
8. Test Conduct	ed				N			
Hydros	tatic 📃 Pneuma	tic N	ominal	Operating Pressure		Other		
	Pressure	P:	SI	Test Tem	perature	°F		

7/

Date

	Work Order Number	Sheet
	1933299	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
Removed Incore Serial Numbers: LRFICD1723, LRFICD1367, LRFICD13	366, LRFICD1550	
Installed Incore Serial Numbers: LRFICD1711, LRFICD1710, LRFICD17	23, LRFICD1724,	
 Incores: UTC# 1958730, 1975763 Nut Ring: UTC# 1976171 		
9		
0	·	······································
ð		
8	<u></u>	
Ø	· · ·	
0		

CERTIFICATE OF COMPLIANCE							
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.							
Type Code Symbol Stamp	Applicable						
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable				
Signed Owner or Owner's Design	Aaron Best, Engineer	Date	6/29/2011				

CERTIFICATE OF INSERVICE INSPECTION

I, the unders	igned, holding a valid com	mission issued by the	National B	oard of Boiler and	Pressure Vessel
Inspectors and t	igned, holding a valid corr he State or Province of /	oth Carolina	ے ر	employed by	HSB CT
of	Hartford, Cor			have inspected th	e components described
in this Owner's F	Report during the period	1/14/11	to	7/14/11	, and state that
to the best of in described in this By signing concerning the Inspector nor hi	my knowledge and beliet Owner's Report in accord this certificate neither the examinations and correct s employer shall be liable or connected with this inst	f, the Owner has per lance with the requirer e Inspector nor his e tive measures describ in any manner for ar	formed ex ments of the mployer m bed in this	aminations and ta e ASME Code, Sec nakes any warran Owner's Report.	ken corrective measures tion XI. ty, expressed or implied, Furthermore, neither the
Doncy	CR. titut Shugh	tu Commissions	. A	B8447AB	NI
	Inspector's Signature		Na	tional Board, State, Pro	ovince, and Endorsements

•

				Work Order Nur	nber	Sheet	
	<u></u>			1893	3262	1 of	2
1. Owner		2. P	lant			Unit	
Duke Ene	rgy Carolinas, LL	.c	Oconee Nuc	lear Station		ON	IS - 1
	Church Street		7800 Roche	-		Date	<u> </u>
Charlotte,	NC 28201-1006		Seneca, SC	29672		6/2/	2011
3. Work Performe	d by			Type Code Sym			
Duko Enc	ergy Carolinas, LI	C				plicable	
	h Church Street			Authorization N	umber Not Apj	plicable	
Charlotte	, NC 28201-1006			Expiration Date		plicable	
4. Identification of							
	Low P	ressure Injection	N System, Duke Cl	ass B, ASME Cla	ass 1		····
5. (a) Applicable Cons	struction Code:	USAS B31.7	19 68 1	Edition, No	Addenda	a, C	Code Case
(b) Applicable Edition	on Section XI Utilize	d For R/R Activity		Edition, 2000	Addenda	·	
(c) Applicable Secti)					
6. Identification of	•				•		
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed.	ASME Code
				,		or installed	Stamped
	l						(Yes / No)
1LP-104	Walworth/ Crane	UNK	UNK	See remarks	1974	Corrected	YES
				<u></u>			
	2						
		· · · · · · · · · · · · · · · · · · ·					
			+				
			ļ				· · · · · · · · · · · · · · · · · · ·
			+		+		
	7. Description of Work Repair seat leak under WO 1893262. Replace Bonnet, packing plug, clamp with OEM supplied spare parts						
		2. Replace Bonn	et, packing plug, c	lamp with OEM	supplied s	pare parts	
8. Test Conducte	— —				_		
Hydrost			Operating Pressure	Exempt	Other _	- <u>,</u>	
	Pressure PSI Test Temperature °F						

х х	Work Order Number	Sheet					
	1893262	2 of 2					
9. Remarks (Applicable Manufacturer's Data Reports to be attached)							
CID#38348 Bonnet UTC# 855459 Trace# PN# 653979 HT # 30479							
2 CID# 56348 clamp UTC# 934705 Trace# PN# 653986							
• CID# 2888101, 1/2 inch Pipe plug UTC# 1966297							
0							
6							
<u>6</u>		· · · ·					
0							
8							
0		·····					
0							

CERTIFICATE OF COMPLIANCE							
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.							
Type Code Symbol Stamp	t Applicable						
Certificate of Authorization Number	Not Applicable Expiration Date		Not Applicable				
Signed Sign Owner or Owner's Design	Sandy H Clark, Sr Engineer ee, Title	Date	6/1/2011 NW 6-30-11				

CERTIFICATE OF INSERVICE INSPECTION

I, the unders	signed, holding a valid com	mission issued by the l	National E	Board of Boiler a	nd Pressure Vessel
Inspectors and 1	signed, holding a valid com he State or Province of	Vorth Carolen	and	employed by	HSB CT
of	Hartford, Cor	mecticut			d the components described
in this Owner's I	Report during the period	7/13/11	to	7/13/11	, and state that
to the best of	my knowledge and belie	f, the Owner has perfe	ormed ex	aminations and	I taken corrective measures
	Owner's Report in accord				
					ranty, expressed or implied,
					rt. Furthermore, neither the
			/ persona	i injury or prope	erty damage or a loss of any
-	n or connected with this in:	· A	,	,	
Nonca	ng Atike Slorg	the Commissions	_ N	88447 <i>A</i>	BNI
0	Inspector's Signature		Na	itional Board, State,	Province, and Endorsements
Date 7/13/	11				

				Work Order Nur	nber	Sheet		
				1893	3335	1 of	2	
I. Owner		2. Pla	int			Unit		
	rgy Carolinas, LL	с		clear Station		ON	ONS - 1	
	Church Street		7800 Roche			Date		
	, NC 28201-1006		Seneca, SC			5/23	/2011	
3. Work Performe	d by			Type Code Sym		plicable		
	ergy Carolinas, LI	.C		Authorization N				
	h Church Street				_	plicable		
Charlotte	, NC 28201-1006	•		Explration Date		plicable	•	
I. Identification of	f System, ASME CI		e Injection, ASN	TE Class 2	<u> </u>	• • • • • • • • • • • • • • • • • • •		
5.	<u> </u>							
(a) Applicable Cons		USAS B31.7		Edition, <u>No</u>	Addend		Code Case	
	on Section XI Utilize ion XI Code Case(s	•	19 98	Edition, 2000	Addend	a.		
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	
S/R 1-53B-0- 435B-DE065	DUKE	NONE	NONE	NONE	1972	Corrected	NO	
			· · · ·		+			
<u></u>					·			
<u>.,</u>					-	· · · · · · · · · · · · · · · · · · ·		
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<u></u>								
		·		<u>.</u>				
		·			+			
							<u> </u>	
7. Description of	Work	<u> </u>	· · · ·	I	<u>_</u>		<u> </u>	
replaced the strut	pin for item #8							
•		<u> </u>				<u> </u>		
8. Test Conduct			_	57				
Hydros			Operating Pressure	_	Other	<u>.</u>		
	Pressure	PSI	Test Tem	perature	•F			

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

As required by the provisions of the ASME Code Section XI

			,	Work Order Numbe	r Sł	neet
				1893335	;	2 of 2
9. Remarks (A	pplicable Manufacturer's Data	a Reports to be attac	hed)			
					• -=	
• replaced rear	bracket strut pin UTC#1901	706				
0						
8		_				
0						
6	<u> </u>					
0	· · · · · · · · · · · · · · · · · · ·		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<u>. 10</u>
0						
8.	- :					
0						
o * Pi	P-10-1063	87				
······································		=			· · · · · · · · ·	
		CERTIFICATE		NCE		
I certify th ASME Code,	at the statements made in Section XI.	the report are co	rrect and that	this conforms to the	requirement	s of the
Type Code Sy	ymbol Stamp		Not	Applicable	<u></u>	
Certificate of	Authorization Number	Not Applica	ble	Expiration Date	Not Ap	plicable
Signed	Anna a		, Engineer I	Date	5/23/2011	
	Owner or Owner's Desig	nee, Title				

BRTIFICATE OF INSERVICE INSPECTION ission issued by the National Board of Boiler and Pressure Vessel I, the undersigned, holding a valid co and employed oy//20/11 Inspectors and the State or Province of CAROLNA HSB CT of 1/20/1/ have inspected the components described Hartford, Connecticut NUU 7/20/11 , and state that in this Owner's Report during the period to '19/11 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. 13048 Commissions ΖΟΓ Α National Board, State, Province, and Endorsements Inspector's Signature Date

				Work Order Nu	mber	Sheet	
				190	3649 -10	1 of	2
1. Owner		2. P	lant			Unit	
Duke Ene	rgy Carolinas, LL	c 📔	Oconee Nu	lear Station		ON	S-1
	Church Street		7800 Roche	ster Hwy		Date	
Charlotte,	NC 28201-1006)	Seneca, SC	29672			2011
3. Work Performed	i by			Type Code Syr	mbol Stamp		
						plicable	
	rgy Carolinas, LI	.C		Authorization			
	Church Street					plicable	
Charlotte,	, NC 28201-1006			Expiration Dat		plicable	
4. Identification of	System, ASME CI			I ·		<u></u>	
		High Press	ure Injection, ASN	AE Class 2			
 Applicable Cons 	struction Code	USAS B31.7	19 69	Edition, No	Addend	a, No (Code Case
(b) Applicable Edition				Edition, 2000			
(c) Applicable Secti		-					
6. Identification of	Components	<u></u>				· · · · · · · · · · · · · · · · · · ·	
Name of	Name of	Manufacturer	National	Other	Year	Corrected,	ASME
Component	Manufacturer	Serial Number	Board No.	Identification	Built	Removed, or Installed	Code Stamped
						of mouneu	(Yes / No)
1-51A-439A-LC-	NIKE		NONE	NONT	1070	T	10
2503	DUKE	NONE	NONE	NONE	1972	Installed	NO
					<u> </u>		
							<u> </u>
	<u> </u>				:		<u>+</u>
<u> </u>							1
				1			
	· · · · · · · · · · · · · · · · · · ·	ļ		<u>.</u>			<u> </u>
							_ <u>_</u>
7. Description of	Work			<u> </u>			<u> </u>
replace U-bolt							
8. Test Conduct	ed	· · · · · · · · · · · · · · · · · · ·		······			
Hydros	_	atic 🔲 Nomina	l Operating Pressur	e 🔀 Exempt	Other		
	Pressure		. Test Ten		°F	<u> </u>	<u> </u>

	Work Order Number	Sheet
	1903649 ~/ D	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		•
• 5/8" dia round bar, carbon stl, UTC# 001849676		
(4) 5/8" heavy hex nut, carbon stl ASME SA194 Gr 2H, UTC#0001968	8890	
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6		
©		
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9		
@ ,		· · · · · · · · · · · · · · · · · · ·

	CERTIFICATE OF COM	PLIANCE	
I certify that the statements made in ASME Code, Section XI.	the report are correct and t	that this conforms to the	requirements of the
Type Code Symbol Stamp	N	lot Applicable	· · ·
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed Anna W. On Owner or Owner's Design	, EngineerT	Date <u>6/1/11</u>	

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>New Carolus</u> and employed by <u>HSB CT</u> of <u>Hartford, Connections III Mo 7/36/11</u> have inspected the components described
of Hartford, Connectious / // MO_ 7/26/11 Above inspected the components described
In this Owner's Report during the period $\frac{744-14}{4}$ to $\frac{1}{6}$
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.
A C A C A Stylitish a Martin 1/30/11
Woney C. Return Suyfty Commissions 13048, 201, ANT 1/20/11
Inspector's Signature O' National Board, State, Province, and Endorsements
Date

•

				Work Order Num	ber	Sheet	
				1895	925	1 of	2
1. Owner	Anna Maria and an anna anna	2	. Plant			Unit	
Duke Ener	gy Carolinas, LL	c 🛛	Oconee Nuc	lear Station		ON	<u>S-1</u>
	Church Street		7800 Roches	ster Hwy Date			
Charlotte,	NC 28201-1006		Seneca, SC	29672		5/19/	2011
3. Work Performed	l by			Type Code Symb			
Duko Ene	rgy Carolinas, LL	c			Not Ap	plicable	<u></u>
	Church Street	C		Authorization Nu		plicable	
	NC 28201-1006			Expiration Date			
			<u></u>	•	Not Ap	plicable	
4. Identification of	System, ASME Cla		erator Flush Drain, A	SME Class 2			
5. (a) Applicable Cons	struction Code:	USAS B3	1.7 19 69 E	Edition, No	Addend	a. No C	Code Case
(b) Applicable Edition	on Section XI Utilize			Edition, 2000	Addend		
(c) Applicable Secti		None					
6. Identification of	Components				-		
Name of Component	Name of Manufacturer	Manufactu Serial Num				Corrected, Removed,	ASME Code
					1	or installed	Stamper (Yes / No
S/R 04A-0-478A- H5A	DUKE	NONE	NONE	NONE	1972	Corrected	NO
· · · · · · · · · · · · · · · · · · ·	_						
							
					t .		
	-						
<u>, , , , , , , , , , , , , , , , , , , </u>							<u>}</u>
7. Description of	Work	<u>I </u>		I	1	·	
Replaced the rod							
8. Test Conduct	ed					<u></u>	<u> </u>
Hydro:	static Deneums Pressure		minal Operating Pressure Test Tem		Other °F		

	Work Order Number	Sheet
	1895925	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
······································		
• Replaced 5/8" dia 5" long rod eye, carbon stl, UTC0001978729		<u>_</u>
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CERTIFICATE OF		
		and the
I certify that the statements made in the report are correct ASME Code, Section XI.	t and that this conforms to the requ	rements of the
Type Code Symbol Stamp	Not Applicable	
Certificate of Authorization Number Not Applicable	Expiration Date	Not Applicable
Signed Ame a Bin, Engrader - Owner or Owner's Designee, Title	I Date S/19/11	

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Earch (1977)</u> and employed by <u>HSB CT</u> of Hartford, Connecticut
Inspectors and the State or Province of Score Carolina Tip and employed by HSB CT
of Hartford, Connecticut have inspected the components described
in this Owner's Report during the period 9/8/2010 to GHSTH 7/19/11 MW, 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 ipspection.
8441 AB &I Non 1/19/11
kind arising from or connected with this ipspection. Noncy CRitche South Commissions 13048, 201, ANT
O Inspector's Signature National Board, State, Province, and Endorsements
Date 7/19/11

					Work C	order Num	ber	Sheet	
						18955	07-01	1 of	2
1. Owner			2. Pla	nt	<u> </u>			Unit	
Duke Ener	rgy Carolinas, LL	с		Oconee Nu	clear Station ONS - 1				S - 1
	Church Street			7800 Roche					
Charlotte,	NC 28201-1006			Seneca, SC	29672			4/28/	/2011
3. Work Performed	t by			a de l	Туре С	ode Syml	Not An	plicable	
Duke Ene	ergy Carolinas, LL	Ċ			Author	ization No			
	Church Street							plicable	
Charlotte,	NC 28201-1006				Expira	tion Date		1, 1,	
4. Identification of	Sustam ASME CI		-		_		Not Ap	plicable	
4. Identification of	System, ASME CA		dwater	system, ASME	Class 2				
5.									
(a) Applicable Cons(b) Applicable Edition		USAS B		<u> </u>	Edition, Edition,	No 2000	Addend	·	Code Case
(c) Applicable Secti			-			2000	- Addend		
6. Identification of				p bada a					
Name of	Name of	Manufact		National	Ott		Year	Corrected,	ASME
Component	Manufacturer	Serial Nu	mber	Board No.	Identifi	cation	Built	Removed, or installed	Code Stamped
								<u></u>	(Yes / No)
03-0-480B-H3A	DUKE	NON	E	NONE	NO	NE	1972	Corrected	NO
<u></u>				<u> </u>		·····			
		<u> </u>			<u> </u>			<u> </u>	<u> </u>
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	<u></u>				┨		<u>+</u>	· · · · · · · · · · · · · · · · · · ·	
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	<u> </u>				┼╌			1	
				<u> </u>				-	<u> </u>
7. Description of			,						
Replaced pipe cla	amp and bolts								
8. Test Conduct	ed					 .			
Hydros		atic 🗌 N	ominal	Operating Pressur	e 🛛 E	tempt	Other		
	Pressure	P	SI	Test Ten	perature		°F		<u> </u>

,

	Work Order Number	Sheet
	1895507-01	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
• 20" heavy duty double bolt pipe clamp, carbon stl UTC#: 0001965746, Tra	ace: M PN#295HN (1)	1
• 1/2" dia. heavy hex bolt, carbon stl ASTM A325 UTC#: 0001910842, Trac	e: M HT#163050 (3)	
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CERTIFICATE OF COMPLIANCE							
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.							
Type Code Symbol Stamp	Not	Applicable					
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable				
Signed <u>Ama W</u> Owner or Owner's Designed		Date	4/28/2011				

CERTIFI	CATE OF INSERVICE I	NSPECTION	
l, the undersigned, holding a valid commiss		ional Board of Boiler and F	Pressure Vessel
Inspectors and the State or Province of	ITH CAROLINA	_ and employed by	HSB CT
of Hartford, Connecti	icut	have inspected the	a components described
in this Owner's Report during the period	9/8/2010	toS/19/102	, and state that
to the best of my knowledge and belief, the	Owner has perform		
described in this Owner's Report in accordance			
By signing this certificate neither the Ins			
concerning the examinations and corrective r			
Inspector nor his employer shall be liable in a kind arising from presented with this inspect		ersonal injury or property	damage or a loss of any
kind ansing non produced whit this inspect	uon.		
MI YUS VV	Commissions	13048 20	1 1.17
Inspector's Signature		National Board, State, Pro	vince and Endorsements
		- converse around a subby a se	
Date <u>5/25/1/</u>	i	1	
	· · · · ·		

	•				Γ	Work Order Numb)er	Sheet	
					l	01981214		1	of 2
1. Owner			2. Pla	nt				Unit	
Duke Ene	rgy Carolinas, LL	с		Oconee Nucl	lea	r Station			DNS - 1
	Church Street	Ũ		7800 Roches					
	NC 28201-1006			Seneca, SC		•			/24/11
	JET					/24/11			
3. Work Performed	idy .					Type Code Symb		plicable	
Duke Ene	rgy Carolinas, LL	.C			ŀ	Authorization Nu			
526 South	h Church Street						Not Ap	plicable	
Charlotte	NC 28201-1006				Γ	Expiration Date			
							Not Ap	plicable	
4. Identification of	System, ASME Cla	355	H	, ASME Class 2					
	struction Code: on Section XI Utilize ion XI Code Case(s)					ion, ion,2000	Addend Addend		Code Cas
6. Identification of	Components								
Name of Component	Name of Manufacturer	Manufac Seriał Nu		National Board No.	k	Other dentification	Year Built	Corrected Removed or Installe	Code
1HP-VA-427	BNL	A95050	1-1-3	NA		NA	NA	Installed	NO
1HP-VA-427	BNL	A95050	1-1-2	NA		NA	NA	Removed	NO
•							•		
						r			
A <u></u>									
pressure reqtinin	itten to replace the g part. No proble placement. The re red	ms were for placement	ound w UTC r Iominal	ith the valve per t	he 90.	WO work writ			

	Work Order Number	Sheet
	01981214	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
• Replaced the ball valve on 1HP-427. The UTC number for the ball is 85859 403387.	90, the S/N used was A950501-1	-3, the Cat. Id was
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CERTIFICATE OF COMPLIANCE						
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.						
Type Code Symbol Stamp		Not Applicable	·			
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable			
Signed John Turn SR Tec Owner or Owner's Designed	h. Spec. cc, Title	Date <u>5/25/11</u>	·			

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CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel	
Inspectors and the State or Province of South Caroling and employed by HSB CT	_
of Hartford, Connecticut have inspected the components describe	ed
in this Owner's Report during the period 5/23/11 to 6/10/11 , and state the	
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measu	res
described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate reither the Inspector nor his employer makes any warranty, expressed or impli	ied,
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 a	any
kind arising from/or connected with this inspection.	
MARKIN a since the second with	
Commissions <u>13048</u> , <u>201</u> , <u>ANI</u> National Board, State, Province, and Endorsements	_
Introctive Signature National Board, State, Province, and Endorsements	ľ
	l

					Work Ord	er Numb	er	Sheet	_
					01	193324	8-01	1 of	2
1. Owner			2. Pla	nt				Unit	-
Duke Ener	rgy Carolinas, LL	с		Oconee Nuc	lear Station	L		ON	S-1
	Church Street	-	ł	7800 Roches	· · · · · · · · · · · · · · · · · · ·				
Charlotte,	NC 28201-1006			Seneca, SC	-				2011
O Minute Douring			<u> </u>		Type Cod	o Sumbo	Stamp		
3. Work Performed	Г БУ				Typa Cou	e Symbo		plicable	
Duke Ene	rgy Carolinas, LL	C			Authoriza	tion Nun			
	Church Street							plicable	
Charlotte,	NC 28201-1006				Expiratio	n Date			
							Not Ap	plicable	
4. Identification of	System, ASME Cl	ass					* .	. "	
			HI	P, ASME Class 2					
5.									
(a) Applicable Cons(b) Applicable Edition		USAS E		``	dition,	<u>No</u> 2000	Addend Addend		ode Case
(c) Applicable Secti			•	<u> </u>	<u></u>	2000	Audenia	a.	
6. Identification of									
Name of	Name of	Manufac	turor	National	Other	1	Year	Corrected,	ASME
Component	Manufacturer	Serial Nu		Board No.	Identifica	1	Built	Removed,	Code
-								or installed	Stamped
									(Yes / No)
1HP-109	Velan	625	3	unk	none		unk	Corrected	NO
	<u> </u>								
		<u> </u>						<u>.</u>	
		<u> </u>							+
								}	ŀ
<u></u>									1
								r	
		1							1
7. Description of	Work								
The disc was repl	laced as the disc s	tud on the	old dis	c was worn from	long term a	aggresiv	ve servio	æ as the HPI p	ump
discharge check	valve. There was	no failure o	of this o	component.					
8. Test Conduct	ed								
Hydros	tatic 🗌 Pneuma	tic 🔲 N	Iominal	Operating Pressure	🔀 Exen	npt [Other		
	Pressure		ISI	Test Tem					··

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

s required by the provisions of the ASME Code Section XI				
	Work Order Number	Sheet		
	01933248-01	2 of 2		
. Remarks (Applicable Manufacturer's Data Reports to be attached)				
D Replaced Disc for valve item 1HP-109 3" 1500# Velan SS swing number as shown on the issue ticket is 6253. the Part Number 3 as shown 25933-91.	check valve. The catalog ID of disc is own on OM-245-2611.001. The UTC i	s 326825. The series 0000827322. PC		
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• <u> </u>				
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CERTIFICATE OF COMPLIANCE							
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.							
Type Code Symbol Stamp	Not Applicable						
Certificate of Authorization Number Not Applicable	Expiration Date Not Applicable						
Signed John Tun / SR TECK SPEC. Owner or Owner's Designee, Title	Date <u>4/19/11</u>						

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned	l, holding a valid commission is	sued by the Nati		ressure Vessel
Inspectors and the St	ate or Province of A with (nolina	and employed by	HSB CT
of	Hartford, Connecticut		have inspected the	components described
in this Owner's Repor	t during the period 6/22/	11	to (0/23/11	, and state that
to the best of my k	nowledge and belief, the Own	ner has perform	ed examinations and tak	en corrective measures
	er's Report in accordance with			
	certificate neither the Inspecto			
	ninations and corrective measure			
	ployer shall be liable in any m	anner for any p	ersonal injury or property	damage or a loss of any
	onnected with this hspection.		^	
$ \rightarrow $	H CI II		a DecupTAR.A	7
Nonenich	the Shufter o	commissions	NB84T/ADN.	2
	tor's Signature		National Board, State, Prov	vince, and Endorsements
Date 6/23/1	1			

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						Work Order Num	per	Sheet	
						01899	938	1 of	5 2
1. Owner			2. Pla	Int		·		Unit	
Duke Ene	rgy Carolinas, LL	c I		Oconee Nu	clea	ar Station		ON	(S - 1
	Church Street			7800 Roche		ster Hwy Date			
Charlotte,	, NC 28201-1006	ł		Seneca, SC	29	9672			/2011
3. Work Performe	d by	k				Type Code Symb		plicable	
	ergy Carolinas, LI h Church Street	.C				Authorization Nu	mber	plicable	
	, NC 28201-1006	1				Expiration Date			
4. Identification of	System ASME CI	266					NOL AP	plicable	
			ressur	re Injection, ASI	ME	Class 2	··· •:		
 5. (a) Applicable Cons (b) Applicable Editi (c) Applicable Sect 	on Section XI Utilize			19 <u>69</u> 19 <u>98</u>		tion, <u>No</u> tion, <u>2000</u>	_ Addend _ Addend		Code Case
6. Identification of	f Components					**- *			
Name of Component	Name of Manufacturer	Manufactu Serial Num	1	National Board No.		Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
IHP-363	Anchor Darling	ET148-4	-4	1552		none	1992	Removed	YES
1HP-363	Flowserve Co	83BCB	3	1496	ι	JTC - 1083047	2005	Installed	YES
Piping	DEC	None		None		None	2011	Installed	NO
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	· · · · · ·				<u> </u>	<u> </u>			
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						· · · · · · · · · · · · · · · · · · ·			
7. Description of	Work	1		L			<u> </u>	<u>I</u>	
EC100480 - Repl		alve 1HP-36	3 and	associated pipin	ng ı	upstream and do	ownsteam).	
8. Test Conduct		K2							
Hydros	tatic Pneuma Pressure	tic 🔀 Noi PSI		Operating Pressure Test Tem		Exempt	_Other F°F		

		Work Order Number	Sheet
		01899938	2 of 2
9. Remarks (Applicable Manufacturer's Data	Reports to be attached)		
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CERTIFICATE OF COMPLIANCE						
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.						
Type Code Symbol Stamp Not Applicable						
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable			
Signed Will What A Bill Foster / Engineer III Date 5/31/2011						
Owned of Owner's Designe						

CERTIFICATE OF INSERVICE I	NSPECTION	
I, the undersigned, holding a valid commission issued by the Nati		essure Vessel
Inspectors and the State or Province of South CAROLINA	and employed by	HSB CT
of Hartford, Connecticut	have inspected the c	components described
in this Owner's Report during the period 4/5/11	to GISU	, and state that
to the best of my knowledge and belief, the Owner has perform		
described in this Owner's Report in accordance with the requirement		
By signing this certificate neither the Inspector nor his employed		
concerning the examinations and corrective measures described i		
Inspector nor his employer shall be liable in any manner for any pe	irsonal injury or property da	image or a loss of any
kind arising from a connected with this inspection.		
	1-010 701	A . [1
Lassector's Signature Commissions	National Board, State, Provin	<u>AN</u>
	Mational Board, State, 110411	to, and Endorsemonts
Date 6/15/11		

				Work Order Num	ber	Sheet		
				1894	714	1 of	2	
I. Owner		2. Pla	nt	R		Unit		
Duke Ener	rgy Carolinas, LL	c 🛛	Oconee Nuc	lear Station		ON	S -1	
	Church Street		7800 Roche	nester Hwy Date				
Charlotte,	NC 28201-1006		Seneca, SC	29672		5/04	/2011	
3. Work Performed	i by			Type Code Symb				
Duke Ene	rgy Carolinas, LI	C				plicable		
	n Church Street	~		Authorization Nu		plicable		
Charlotte,	NC 28201-1006			Expiration Date				
	<u></u>				Not Ap	plicable		
4. Identification of	System, ASME Cl		steam, ASME Cl	ass 2				
5.		-	<u></u>				·	
(a) Applicable Cons		USAS B31.1		Edition, No	_ Addend	· ·	Code Case	
(b) Applicable Edition(c) Applicable Section		-	19 <u>98</u>	Edition, 2000	_ Addend	18.		
6. Identification of		/				··· .		
Name of	Name of	Manufacturer	National	Other	Year	Corrected,	ASME	
Component	Manufacturer	Serial Number	Board No.	Identification	Built	Removed, or installed	Code Stampe	
				• · •··			(Yes / No	
1-01A-0-550-H9	DUKE	NONE	NONE	NONE	1972	Corrected	NO	
				,				
<u>. </u>								
					<u> </u>		<u> </u>	
				.				
					1			
<u></u>								
7. Description of								
replace upper roc	i assembly							
8. Test Conduct	ted							
Hydro:	static 🔲 Pneum	atic 🔲 Nominal	Operating Pressur	e 🔀 Exempt	Other			
	Pressure	PSI	Test Ten	perature	°F	,		

	Work Order Number	Sheet
	1894714	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
• Sway strut assembly, UTC: 0000892476, Trace: M P/N#211, M ON054287	7 PO#N43027 (1)	
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CERTIFICATE OF COMPLIANCE						
I certify that the statements made in the ASME Code, Section XI.	ne report are correct and	I that this conforms to the I	requirements of the			
Type Code Symbol Stamp		Not Applicable				
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable			
Signed <u>Owner or Owner's Designed</u>	Engineer I	Date <u>S-y-</u> I	1			

CERTIFICATE OF INSERVICE INSPECTION

l, the	undersigned, holding a valid commission issued by the Nation rs and the State or Province of North Construct	nal Bo	oard of Boiler and	I Pressure Vessel
Inspector	rs and the State or Province of North Coolina	and	employed by	HSB CT
of	Hartford, Connecticut		have inspected f	the components described
in this Ov	wner's Report during the period 5/24/11	to	6/23/11	, and state that
to the b	est of my knowledge and belief, the Owner has performed	d exa	aminations and 1	taken corrective measures
	d in this Owner's Report in accordance with the requirements of			
	signing this certificate neither the Inspector nor his employed			
	ing the examinations and corrective measures described in			
	r nor his employer shall be liable in any manner for any pers	sonal	l injury or proper	ty damage or a loss of any
kind aris	ing from or connected with this inspection.			
No	new CRither Shighthe Commissions NE	589	447ABNI	
	Unspector's Signature	Nat	tional Board, State, P	rovince, and Endorsements
Date _	6/23/11			

					ſ	Work Order Num	ber	Sheet	
				<u>.</u>		1964	436	1 of	F 2
1. Owner			2. Pla	ant				Unit	
Duke Ene	rgy Carolinas, LL	.C	1	Oconee Nu	clea	r Station		ON	NS - 1
526 South	Church Street		ł	7800 Roche		•		Date	i
Charlotte,	NC 28201-1006		Į	Seneca, SC	29	672			/2011
3. Work Performe	d by				T	Type Code Symb	ol Stamp		<u> </u>
	-	~						plicable	
	ergy Carolinas, LI	.C			ſ	Authorization Nu			
	h Church Street				ļ		Not Ap	plicable	
Charlotte, NC 28201-1006 Expiration Date Not Applicable						plicable			
4. Identification of	System, ASME CI		Pressur	re Injection, ASN	۸E (Class 2		-	
5.		**		······					
(a) Applicable Cons		USAS B		·		tion, <u>No</u>	_ Addend		Code Case
(b) Applicable Editio			ctivity	19 98	Edit	tion, <u>2000</u>	_ Addend	la.	
(c) Applicable Secti 6. Identification of) <u>none</u>							<u></u>
				Matter-1	1	04h 1	Vara	1 Com	1 4000
Name of Component	Name of Manufacturer	Manufact Serial Nur		National Board No.	1	Other dentification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)
1HP-5	Anchor Darling	V2223-0	007	21	A	SME Cert N- 2865	1994	Corrected	YES
				:					
					Ĺ				
					Ĺ				
					[
7. Description of	Work			L				<u>1</u>	<u>.1</u>
Replaced main dis	sc ball and studs u	ınder repair	r WO d	luring valve diss	ase	mbly			
8. Test Conducte	_			Dperating Pressure Test Tem	-	Exempt	Other °F		

		Work Order Number	Sheet
		1964436	2 of 2
9. Remarks (Applicable Manufacturer's Da	ta Reports to be attached)		
• Per WO a new disc ball and new studs w 20-0001-0025 HT # 725567) and studs CID		Ball was CID# 422635 U	TC# 1051973 (PN# 27-16-
e			
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	CERTIFICATE OF COMPLI	ANCE	
I certify that the statements made in ASME Code, Section XI.	n the report are correct and that	t this conforms to the red	quirements of the
Type Code Symbol Stamp	Not	Applicable	
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed SH Clurk Owner or Owner's Desig	Sandy H Clark Sr Engineer	Date1	13/2011 Niv 6/20/11

	TUILI	LE INSPECTION	
I, the undersigned, holding a valid comparission	n issued by the	National Board of Boiler	and Pressure Vessel
	outh Garoline 7	and employed by	HSB CT
of Hartford, Connecticu			ed the components described
in this Owner's Report during the period	5/25/11	to 7/14/	// , and state that
to the best of my knowledge and belief, the (Owner has perf	ormed examinations 'an	d taken corrective measures
described in this Owner's Report in accordance w			
By signing this certificate neither the Inspe	ector nor his er	nployer makes any wa	rranty, expressed or implied,
concerning the examinations and corrective me	easures describe	ed in this Owner's Repo	ort. Furthermore, neither the
Inspector nor his employer shall be liable in any	manner for any	y personal injury or prop	erty damage or a loss of any
kind arising from or connected with this inspection	n.		e 17 (4) 71 .1
not Cell-	-	NB8441 TE	NI DE IN
Noney CKillful Shipter	Commissions	NB8447 AL 13048	201, ANI / ////
Inspector's Signature 0	-		e, Province, and Endorsements
and Aluklus			
Date			

					I	Work Order Numb	Der		Sheet	
						01962	788		1 of	2
1. Owner			2. Pla	nt					Unit	
	gy Carolinas, LL	c I		Oconee Nuc	ما	ar Station			ON	S-1
	Church Street	C		7800 Roche						<u> </u>
	NC 28201-1006			Seneca, SC		•			Date	0011
						,	4/20/	2011		
3. Work Performed	І Бу					Type Code Symb	ol Stamp Not Ap	nlicat	le	
Duke Energy Carolinas, LLC Authorization Number										
	Church Street					Autonzauon nu	Not Ap	plicat	ole	
Charlotte,	NC 28201-1006					Expiration Date		-		
						-	Not Ap	plicat	ole	_
4. Identification of								_		
]	LPSW - Piping to	1B Reacto	or Build	ling Cooling Uni	t ((RBCU) Coils ,	ASME C	lass 2	2	
5.										
(a) Applicable Cons		USAS B				ition, <u>No</u>	_ Addend	·	<u>No</u> C	code Case
(b) Applicable Edition (c) Applicable Section			-	19 <u>98</u>	Ea	ition, <u>2000</u>	_ Addend	a.		
6. Identification of										
			• 1	i		04				
Name of Component	Name of Manufacturer	Manufac Serial Nu		National Board No.		Other Identification	Year Built		rrected, moved.	ASME Code
									nstalled	Stamped
										(Yes / No)
1B RBCU Coil			:	1						
bolting - for coils 1,2, 3 & 4 (1)	Duke	Unkno	wn	None		See Remarks	2011	l II	stalled	NO
1,2, 3 & 4 (1)			••••	· · ·					<u></u>	
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					_			 		<u>}</u>
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	<u> </u>									
7. Description of	Work									
Corrective work										
involved disasser								diam	eter LPS	W piping
bolting material f 8. Test Conduct		nanges req	uired i	replacement due	τ0	surface degrada	tion.		··	
8. Test Conduct	_		lomi-s'	Operating Pressure		Exempt	Other			
	Pressure		ominal SI	Operating Pressure Test Tem			Otner °F			
1	r ressure	r	91	rest rem	he		⁻ r			

	Work Order Number	Sheet				
	01962788	2 of 2				
9. Remarks (Applicable Manufacturer's Data Reports to be attached)						
• Replaced one hundred twenty-eight (128) 5/8-inch diameter nuts and sixty-four (64) 5/8-inch diameter studs on the 1B RBCU, #1, #2, #3 and #4 Coils' flanges. The Catalog ID # for the nuts is 293556 and the UTC #'s is 0001968890. The Catalog ID # for the stud material (threaded rod) is 297412 and the UTC # is 0001972896.						
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CERTIFICATE OF COMPLIANCE							
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.							
Type Code Symbol Stamp	Not Applicable						
Certificate of Authorization Number Not Applica	ble Expiration Date Not Applicable						
Signed <u>James H Batters</u> eng	ineer Date <u>4/29/2011</u>						

CERTIFICATE OF INSERVICE INSPECTION							
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel							
Inspectors and the State or Province of North Conclusion	and	employed by	HSB CT				
of Hartford, Connecticut			components described				
in this Owner's Report during the period 1/12/11	to	7/12/11	, and state that				
to the best of my knowledge and belief, the Owner has perform							
described in this Owner's Report in accordance with the requirement							
By signing this certificate neither the Inspector nor his emplo							
concerning the examinations and corrective measures described i							
Inspector nor his employer shall be liable in any manner for any pe	rsona	i injury or property a	amage of a loss of any				
kind arising from or connected with this inspection.	,						
Nenez CRitchie Slagetter commissions	NBE	8441ABNI					
Inspector's Signature	Na	tional Board, State, Provi	nce, and Endorsements				
Date 7/12/11							

				Work Order Num	ber	Sheet	
				01932	479	1 of	2
1. Owner		2.	Plant			Unit	
Duke Ene	rgy Carolinas, LL	c I	Oconee Nucle	ar Station		ON	S-1
	Church Street	Ĭ	7800 Rocheste			Date	
	NC 28201-1006		Seneca, SC 2			4/26/	2011
					-1.04	4/20/	2011
3. Work Performed	р			Type Code Symb	Not App	licable	
Duke Ene	rgy Carolinas, LL	C		Authorization Nu		· · ·	
526 South	h Church Street				Not App	licable	
Charlotte,	NC 28201-1006			Expiration Date			-
				l	Not App	olicable	
4. Identification of			Building Cooling Unit	(RBCU) Coils ,	ASME C	ass 2	
5.	<u>y 1111 - 111</u>					· · ·	-
(a) Applicable Cons		USAS B31		ition, <u>No</u>	Addenda		ode Case
(b) Applicable Edition			vity 19 <u>98</u> Ed	lition, <u>2000</u>	_ Addenda	3.	
(c) Applicable Section		<u>None</u>					
6. Identification of	•						_
Name of Component	Name of Manufacturer	Manufactur Serial Numb		Other Identification	Year Built	Corrected, Removed.	ASME Code
Component	mandiaotarei			Weituneadon	Duit	or installed	Stamped
							(Yes / No)
1C RBCU Coil					-		
bolting - for coils 1,2, 3 & 4 (1)	Duke	Unknown	None	See Remarks	2011	Installed	NO
1,2, 3 0 4 (1)				<u>.</u>		<u> </u>	
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					1		
7. Description of	Work	<u> </u>		-	<u> </u>		.l
		Coils # 1 #2	, #3 & #4 (tube cleanin	a) remired rem	ovalofth	e cooler water	boy This
			ie (LPSW) piping from				
bolting material f	for piping-to-coil		red replacement due to				60
8. Test Conduct	ed	· ·					
Hydros	static 🗌 Pneuma	ntic 🗌 Nom	inal Operating Pressure	Exempt [Other	· · · ·	<u></u>
1	Pressure	PSI	Test Tempe	rature	°F -		

1

	Work Order Number	Sheet			
	01932479	2 of 2			
9. Remarks (Applicable Manufacturer's Data Reports to be attached)					
• Replaced one hundred twenty-eight (128) 5/8-inch diameter nuts and sixty-four (64) 5/8-inch diameter studs on the 1C RBCU, #1, #2, #3 and #4 Coils' flanges. The Catalog ID # for the nuts is 293556 and the UTC #'s is 0001968890. The Catalog ID # for the stud material (threaded rod) is 297412 and the UTC # is 0001971081.					
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6					
<u>6</u>					
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CERTIFICATE OF COMPLIANCE						
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.						
Type Code Symbol Stamp	ot Applicable					
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable			
Signed A ames H Battons Owner or Owner's Designee,	_ Date <u>4/29/201</u>	<u> </u>				

CERTIFICATE OF INSERVICE INSPECTION							
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel nspectors and the State or Province of North Confirm and employed by HSB CT							
inspectors and the State or Province of Worth Coulinn	_ and employed by	HSB CT					
of Hartford, Connecticut	have inspected the	e components described					
of Hartford, Connecticut in this Owner's Report during the period $\frac{1}{12}$	to 7/12/11	, and state that					
to the best of my knowledge and belief, the Owner has perform	ned examinations and tak	ken corrective measures					
described in this Owner's Report in accordance with the requiremen	its of the ASME Code, Sect	tion XI.					
By signing this certificate neither the Inspector nor his emp							
concerning the examinations and corrective measures described							
Inspector nor his employer shall be liable in any manner for any p	personal injury or property	damage or a loss of any					
kind arising from or connected with this inspection.							
Noncy C Ritchel Shightin Commissions _	NB8447 AB	NI					
U Inspector's Signature	National Board, State, Pro	vince, and Endorsements					
Date							

					- [Work Order Num	ber	Sheet		
	01978272					1 of	2			
1. Owner			2. Pla	nt				Unit		
	rgy Carolinas, LL Church Street	с		Oconee Nuc 7800 Roche		to llus.				
	NC 28201-1006			Seneca, SC		-		Date 6/11	/2011	
	•		I		-	Type Code Symb	ol Stamp		2011	
3. Work Performed	тру					· the code stud		plicable		
	rgy Carolinas, LL	.C				Authorization Nu		······································		
	Church Street						Not Ap	plicable		
Charlotte,	, NC 28201-1006			<u> </u>		Expiration Date	Not Ap	plicable		
4. Identification of	System, ASME Cla		uilding	, Spray System,	AS	ME Class 2				
 5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section 	on Section XI Utilize on XI Code Case(s)		ctivity			tion, <u>No</u> tion, <u>2000</u>	_ Addend _ Addend	· · · · · · · · · · · · · · · · · · ·	Code Case	
6. Identification of	Components									
Name of Component	Name of Manufacturer	Manufact Serial Nu		National Board No.	1	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)	
Piping	DEC	None	3	None		None	2011	Installed	NO	
							,			
						<u>, , , , , , , , , , , , , , , , , , , </u>				
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				·	╞			<u>}</u>		
7. Description of	Work	l	·····	L	<u> </u>		<u>, </u>	<u> </u>	1	
EC105917 install	ed 2" inspection p	orts on the	: 1B Bu	uilding Spray lin	e.					
8. Test Conducte	_			Dperating Pressure Test Tem		Exempt [Other °F			

01978272 2 of 2 9. Remarks (Applicable Manufacturer's Data Reports to be attached) 9 9 9 9 9 9 9 9 9 9 9 9 9		Work Order Number	Sheet
		01978272	2 of 2
	9. Remarks (Applicable Manufacturer's Data Reports to b	e attached)	
			·····
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©	6		
S 0	0		·
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CERTIFICATE OF COMPLIANCE								
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.								
Type Code Symbol Stamp Not	t Applicable							
Certificate of Authorization Number Not Applicable	Expiration Date Not Applicable							
Signed Rich Amgen Rick Burgess, Sr. Technical Specialist Owner or Owner's Designee, Title	Date 6/11/2011							

CERTIFICATE OF INSERVICE IN	SPECTION	
I, the undersigned, holding a valid commission issued by the Natio	nal Board of Boiler and Pres	ssure Vessel
Inspectors and the State or Province of North Condina	and employed by	HSB CT
of Hartford, Connecticut	have inspected the co	omponents described
in this Owner's Report during the period 6/23/11	to 7/11/11	, and state that
to the best of my knowledge and belief, the Owner has performe	ed examinations and taken	corrective measures
described in this Owner's Report in accordance with the requirements		
By signing this certificate neither the Inspector nor his employ		
concerning the examinations and corrective measures described in		
Inspector nor his employer shall be liable in any manner for any per	sonal injury or property dar	nage or a loss of any
kind arising from or connected with this inspection.	,	
Doney Chitcher Sloughter Commissions	NB8447 ABN.	T
J Inspector's Signature	National Board, State, Provinc	e, and Endorsements
Date _7/11/11	<u> </u>	

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

As requir	ed by the provisions of the AS	ME Code Section 2	XI		Work O		nte 197 - 07		Sheet		
			-				61 - VI	-		Page 1	of 2
1. Owner	Duke Energy Carolinas, LLC	:	2. Plant Ocon	ee Nuclear Stati	n				Unit 1		
	526 South Church Street			Rochester Hwy					Data 5/3	/2011	
	Charlotte, NC 28201-1005		Sener	ca, SC 29672-07	52						
3. Work Pe	riowned By					Type Co	de Symbol :	Stamp	Not Appli	cable	
	Duke Energy Carolinas, LLC 526 South Church Street					Authori	zation Num	ber	Not Appli	cable	
	Charlotte, NC 28201-1006					Froint	ion Date				
		·							Not Appl	cable	
4. Identific	ation of Systems, ASME Class	_	Main Stean	n, ASME Cla	68 2						
(b) Applica	E. (a) Applicable Construction Code: <u>USAS B31.7</u> <u>1969;</u> Edition, <u>No</u> Addende <u>No</u> Code Case (b) Applicable Edition Section XI Utilized For R/R Activity <u>1998;</u> Edition, <u>2000</u> Addende (c) Applicable Section XI Codes Cases(s) <u>None</u>										
6. Identilicati	ion of Coimponents					_		-			
1	Name of Component	Manufacturer:	Manufacturer Serial Number	National Board No	Oth Identific		Year Built	Rei	moved or notalled	Sta	E Code mped s/No)
1-01A-D-	550-R9-3	Anvil	37422	UNK	UTC 197724	1	UNK	Inst	ailed	No	
1) 1-01A	-0-560-R9-3	Anvil	33611	UNK	N/A		UNK	Ren	noved	No	
7. Descripti	on of Work										
Repl	laced snubber due to seal life										
8. Test Con	_									446	1-35-11
	Hydrostatic 🗌 Pnuem	atic 🔲 Noi	ninal Operating P	ressure 🔣 E	xcempt	-	-Oth	er	VISIO	-	
1	Pressure	PSI			Test Te		ature		Deg). F	

1 4

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

s required by the provisions of the ASME Code	Section XI		der Numbe 1932697 – 07	Sheet	Page 2 of 2
Remarks (Applicable Manufactuerr's Data Reports to be a	ttached)				- · ·
) Replaced snubber due to seal life	· · · ·				
			<u></u>		
I certify that the statements made in the re			ements of the		
ASME Code, Section XI					
Type Code Symbol Stamp	Not	Applicable			
Certificate of Authorization Number	Not Applicable	Expiration Da	te Not Aj	pplicable	
Signed North Phile, St Eng	· · · · · · · · · · · · · · · · · · ·	Date	5/3/11		
Owner or Ov	more Designee, Tide				
CERT	IFICATION OF INSER	RVICE INSPEC [.]	TION		
I, the undersigned, holding a valid commu	sion jesued by the National Be	pard of Boiler and Pre	ssure Vessel		
	the argument end		HSB CT	- •	
of <u>Hartford, Connec</u> in the Owner's Report during the period	Thefin to	ave inspected the cor	nponents describ , and sta		
to the best of my knowledge and belief, the	Owner has performed examina	ations and taken com	ctive measures		
described in this Owner's Report in accordance	uce with the requirements of n	is asme lode, seci	ION AL		
By signing this certificate neither the inspe concerning the examinations and corrective				,	
inspector nor his employer shall be liable in any kind rising from or connected with this in	any manner for any personal i				
Noney Retice Sight com	nision(s) NB8447	TABNI			
Construction of Street and	Nation	al Board, State, Province, an	d Endomements		
. I ISTORYCI & CATLANTINA					

• • • •						Work Order Num	ber	Sheet	
						01889	942	1 of	2
1. Owner			2. Pia	int				Uniț	<u>.</u>
	rgy Carolinas, LL	.C		Oconee Nu				ON	IS - 1
	Church Street			7800 Roch		•		Date	
Charlotte,	NC 28201-1006			Seneca, SC	: 29	9672		4/27	/2011
3. Work Performe	d by					Type Code Symb		plicable	
Duke Ene	ergy Carolinas, LI	.C				Authorization Nu	_	pricaute	-
	h Church Street							plicable	
Charlotte	NC 28201-1006	;				Expiration Date			
1 Identification of	Sustem ASME CI			<u> </u>			Not Ap	plicable	<u> </u>
4. Identification of	System, Asme Ci		L FLO	W CONTROL,	AS	ME Class 2			
5.				10 (0			A.1.1		
(a) Applicable Cons (b) Applicable Edition		USAS B		19 69 19 98		ition, <u>No</u> ition, 2000	_ Addend Addend		Code Case
(c) Applicable Sect							_		
6. Identification of	Components								
Name of	Name of Manufacturer	Manufact Serial Nui		National Board No.		Other Identification	Year Built	Corrected, Removed,	ASME Code
Component	Manulacturer	Senai Mui	noer	Board No.		luengncauon	Buit	or installed	Stamped (Yes / No)
1HP-31	Fisher	400602-	1-1	UKN		Part # 14A3722X252	2010	Corrected	NO
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			:		T	ана <mark>, типа</mark> не _{сноме сторит}			
					+		<u> </u>	<u> </u>	1
	L .					·			
7. Description of									
Replaced Plug/St	-								
8. Test Conducto						571 -			
Hydros	tatic Pneuma Pressure			Dperating Pressure Test Tem		Exempt [_Other °F	<u></u>	

		Work Order Number	Sheet
		01889942	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to	be attached)		
	······		
O Stem/Plug Assembly CID 860541, UTC 1971243, Pa	art # 14A3722X252, D	Data Report (23 pages)	
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CERTIFICATE OF COMPLIANCE									
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.									
Type Code S	Symbol Stamp	t Applicable							
Certificate of Authorization Number		Not Applicable	Expiration Date	Not Applicable					
Signed	Owner or Owner's Desig	Robert Bell, Tech Spec IV mee, Title	Date	4/27/2011					

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New Manual and employed by HSB CT
of Hartford, Connecticut have inspected the components described
in this Owner's Report during the period 7/19/11 to 7/19/11, 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.
Nonce Rither Shighter Commissions NB8447 ABNE Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date 7/19/11

					Work Order N	umber	Sheet	
_					184	15308	1 of	f 2
1. Owner			2. Pla	ant			Unit	
Duke Ene	rgy Carolinas, LL	.C	1	Oconee Nuc	lear Station		ON	IS - 1
	Church Street			7800 Roches	•		Date	
Charlotte,	NC 28201-1006			Seneca, SC	29672		1/27	/2010
3. Work Performe	d by				Type Code Sy		-li-shla	
Duke Ene	ergy Carolinas, LI	C			Authorization	_	plicable	
	h Church Street				Authorization		plicable	
Charlotte	NC 28201-1006	;			Expiration Dat	-	-	
						Not Ap	plicable	
4. Identification of	System, ASME CI		or Cool	lant System, ASM	E Class 1			
5.								
(a) Applicable Cons (b) Applicable Editi		USAS E			dition, <u>No</u> dition, 2000	Addend		Code Case
(c) Applicable Sect								
6. Identification of					···· ·· ·· ··· ··· ··	··· • -·· -··		-
Name of	Name of	Manufac		National	Other	Year	Corrected,	ASME
Component	Manufacturer	Serial Nu	mber	Board No.	Identification	Built	Removed, or installed	Code Stamped
								(Yes / No)
CRDM Motor	UNK	UNK		N/A	UNK	UNK	Removed	NO
Tube bolting			<u> </u>	N/A			Kemoveu	
CRDM Motor	UNK	UNK	<u> </u>	N/A	See Remarks	UNK	Installed	NO
Tube bolting				<u> </u>				┣────
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7 Deserver the start	Work] <u>. </u>				<u>I</u>		<u> </u>
7. Description of		a and as an		~				
Replace CRDM N		R and sedu		ч <u>к</u>				
8. Test Conducto	ed							
Hydrost		tic 🕅 No	ominal (Operating Pressure	Exempt	Other		
	Pressure	PS		Test Tempe		°F		

		Work Order Number	Sheet
		1845308	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to b	e attached)		
Segment Ring SA-320, UTC 1938103, PN 1006110-00 CRDM Bolting SA453 GR 660, UTC 1087309, PN 10061	04 1 10-005		
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<u>.</u>			· · ·
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CERTIFI	CATE OF COMPLIA	NCĘ	

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp	Not	Applicable	
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed manufacture	Aaron Best, Engineer	Date	1/27/2010
Owner or Owner's Designec,	Title		

CERTIFICATE	OF INSERVICE	INSPEC	TION	
I, the undersigned, holding a valid commission iss				
Inspectors and the State or Province of <u>SourN</u> CA of Hartford, Connecticut	ROLINA	_ ano	employed by	HSB CT he components described
in this Owner's Report during the period	2-1-10	to	•	-
to the best of my knowledge and belief, the Owne described in this Owner's Report in accordance with the By signing this certificate neither the Inspector concerning the examinations and corrective measure Inspector nor his employer shall be liable in any markind arising from or connected with this inspection.	he requirement nor his empl res described	ts of the loyer m in this	e ASME Code, Se lakes any warran Owner's Report.	ction XI. hty, expressed or implied, Furthermore, neither the
Inspector's Signature	ommissions <u></u>	<u>5 </u>	ional Board, State, Pi	J rovince, and Endorsements

						Work Order Num	ber	Sheet	
			_			1891	891	1 of	f 2
1. Owner			2. Pla	nt				Unit	
Duke Ene	rgy Carolinas, LL	c		Oconee Nu	clea	ar Station		ON	IS - 1
526 South	Church Street							Date	
Charlotte,	NC 28201-1006			Seneca, SC	29	9672		1/27	/2010
3. Work Performed	d by					Type Code Symb			
	-	•				_		plicable	
	ergy Carolinas, LI h Church Street	LC				Authorization Nu		oplicable	
	, NC 28201-1006	5				Evening Data	NOL AL	opiicable	
		,				Expiration Date	Not Ap	plicable	
4. Identification of	System, ASME C		or Cool	ant System, ASI	ME	Class 1			
5.	22 100 100 100 100 100 100 100 100 100 1			<u> </u>					
(a) Applicable Cons		USAS B				tion, <u>No</u>	Addend	·	Code Case
(b) Applicable Edition			ctivity	19 <u>98</u>	Edi	tion, <u>2000</u>	Addend	la.	
(c) Applicable Secti 6. Identification of		/						-	
		1		National		Other	Year		
Name of Component	Name of Manufacturer	Manufact Serial Nur		Board No.		dentification	year Built	Corrected, Removed,	ASME Code
_			1					or installed	Stamped
· · · · · · · · · · · · · · · · · · ·					L				(Yes / No)
CRDM Motor Tube bolting	UNK	UNK		N/A		UNK	UNK	Removed	NO
CRDM Motor	UNK	UNK		N/A		See Remarks	UNK	Installed	NO
Tube bolting		<u> </u>		<u></u>					<u> </u>
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					ŀ		F.		1
7. Description of	Work			L	-		A.,		
Replace CRDM N		g and segm	ent rin	g					
-									
8. Test Conducte	ed								
Hydrost	atic 🗌 Pneuma	tic 🛛 No	minal C	Operating Pressure	:	Exempt	Other		
	Pressure	PS	I	Test Tem	рега	ature	• F	<u></u>	

	Work Order Number	Sheet
	1891891	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
 Segment Ring SA-320, UTC 1938103, PN 1006110-004 CRDM Bolting SA453 GR 660, UTC 1087309, PN 1006110-005 		······································
8		
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8	·····	units
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	CERTIFICATE OF COMPLI	ANCE	
I certify that the statements made in t ASME Code, Section XI.	he report are correct and tha	t 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 Owner or Owner's Design	Aaron Best, Engineer ee, Title	Date	1/27/2010

	SPECTIO	N	
I, the undersigned, holding a valid commission issued by the Nation	onal Board	l of Boiler and Pre	ssure Vessel
Inspectors and the State or Province of South CAROLINA		ployed by	
of Hartford, Connecticut	hav	ve inspected the c	omponents described
in this Owner's Report during the period 2-1-10	to	2-1-10	, and state that
to the best of my knowledge and belief, the Owner has performe			
described in this Owner's Report in accordance with the requirements			
By signing this certificate neither the Inspector nor his emplo			
concerning the examinations and corrective measures described in			
Inspector nor his employer shall be liable in any manner for any pe	rsonal inju	iry or property da	mage or a loss of any
kind arising from or connected with this inspection.			
Commissions S	C232.	NARC 15	
Inspector's Signature Commissions	National	Board, State, Province	ce, and Endorsements
Date		,	

						Work Order Num	ber	Sheet	
						1892	729	10	of 2
1. Owner			2. Pla	int				Unit	
	rgy Carolinas, LL Church Street	с		Oconee Nue 7800 Roche					NS - 1
	NC 28201-1006			Seneca, SC		•		Date	7/0010
	=							1/2	7/2010
3. Work Performed	i by					Type Code Symb		plicable	
	rgy Carolinas, LI	.C				Authorization Nu			
	h Church Street					-	Not Ap	plicable	
Charlone,	, NC 28201-1006					Expiration Date	Not Ap	plicable	
4. Identification of	System, ASME CI		~ .		_			-	
		Reacto	or Cool	ant System, ASI	ME				
5. (a) Applicable Cons (b) Applicable Edition (c) Applicable Section	on Section XI Utilize on XI Code Case(s)		_			tion, <u>No</u> tion, <u>2000</u>	_ Addend		Code Case
6. Identification of	Components								
Name of Component	Name of Manufacturer	Manufact Serial Nu		National Board No.	1	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
CRDM Motor Tube bolting	UNK	UNK		N/A		UNK	UNK	Removed	NO
CRDM Motor Tube bolting	UNK	UNK		N/A		See Remarks	UNK	Installed	NO
		:							
									,
						······			
7. Description of	Work				-				алан алан алан алан алан алан алан алан
Replace CRDM N	Aotor Tube boltin	g and segm	nent rin	ng					
8. Test Conducte		tic 🛛 No PS		Operating Pressure Test Tem		Exempt [Other °F	· · · · · · · · ·	

	Work Order Number	Sheet
	1892729	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
 Segment Ring SA-320, UTC 1938103, PN 1006110-004 CRDM Bolting SA453 GR 660, UTC 1940844, PN 1006110-005 		
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	CERTIFICATE OF COMPLI	ANCE	
I certify that the statements made in the ASME Code, Section XI.	e report are correct and tha	t 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 Owner or Owner's Designee,	Aaron Best, Engineer Title	Date	1/27/2010

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission		lational B	loard of Boiler and Pro	essure Vessel
Inspectors and the State or Province of Source	CAROLINA	and	employed by	HSB CT
of Hartford, Connecticut	t		have inspected the	components described
in this Owner's Report during the period	2-1-10	to	2-1-10	_ , and state that
to the best of my knowledge and belief, the O				
described in this Owner's Report in accordance wi			•	
By signing this certificate neither the Inspec				
concerning the examinations and corrective mea				
Inspector nor his employer shall be liable in any		persona	I injury or property da	amage or a loss of any
kind arising from or connected with this inspection	•			
anett.	Commissions	5023	2NIABC 15	
Inspector's Signature		Na	tional Board, State, Provin	nce, and Endorsements

Date 2-1-10

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

	red by the provisions of the ASI	ME Code Section	XI			order Nur 018018	nbe 366 - 01	Sheet	Page 1 of
. Owner	Duke Energy Carolinas, LLC 526 South Church Street Charlotte, NC 28201-1006	:	7800	ee Nuclear Stat Rochester Hwy ca, SC 29672-0				Unit Date 12	/8/2009
. Work Pe	erformed By	··· :				Тура Со	de Symbol	Stamp Not App	licable
	Duke Energy Carolinas, LLC	;				Author	ization Num	iber	
	526 South Church Street Charlotte, NC 28201-1006					Fundad	ion Date	Not App	
	····					Expansi		Not App	licable
. Identific	cation of Systems, ASME Class		Main Steam	n, ASME Cla	ass 2				
ApplicationApplication	able Construction Cod <u>USAS B31.1</u> able Edition Section XI Utilized For R/R A able Section XI Codes Cases(s) tion of Colmponents	1987: Editi Activity 1998: Editi <u>None</u>	· <u> </u>	lo Code Case					
	Name of Component	Manufacturer:	Manufacturer Serial Number	National Board No	Oth identifi		Year Built	Corrected, Removed or Installed	ASME Co Stamper (Yes/No
)1 A-0-4	81A-H5A - Constant Spring	Grinnell	UNK	UNK	UNK		UNK	Corrected	No
	· · ·		• • •	· · ·		•	•		. :
Descript	tion of Wark		•	•					
	tion of Work ust load setting on Constant S	prings		· · ·					
Adjı. Test Cor	ust load setting on Constant S	.,	ominal Operating Pr	ressure	Excemp Test T	t	☑ Oth ature	•	ig. F

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

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s required by the provisions of the ASME Code Section XI	177		Ob	
		ork Order Numbe 01801866 - 01	Sheet Pag	e 2 of 2
Remarks (Applicable Manufactuen's Data Reports to be attached)				-
djusted load setting on springs				
	COMPLIAN	CE	Se 1 10 - Marrieda 1	
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	t Applicable			
Certificate of Authenization Number Not Applicable	Expiration	on Date Not A	Applicable	
Signed mill that Sr Eno	Date	12-8-09		
Owner or Owner's Designee, Title				
of <u>Hartford, Connecticut</u> in the Owner's Report during the period <u>2-11-09</u> to to the best of my knowledge and belief, the Owner has performed examin described in this Owner's Report in accordance with the requirements of t	S-24- 10 ations and taker	corrective measures Section XI.		
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	Wher's Report. I injury or propert	urthermore, neither th	e 	•
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	urthermore, neither th	₩e 	•
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	Furthermore, neither th y damage or a loss of	e 	
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	Furthermore, neither th y damage or a loss of	e 	•
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	Furthermore, neither th y damage or a loss of	e 	•
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	Furthermore, neither th y damage or a loss of	ne 	•
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	Furthermore, neither th y damage or a loss of	ne	•
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	Furthermore, neither th y damage or a loss of	e 	•
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	Furthermore, neither th y damage or a loss of	e 	•
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this C inspector nor his employer shall be liable in any manner for any personal any kind rising from or connected with this inspection.	wher's Report. F injury or propert	Furthermore, neither th y damage or a loss of	e	••

					ſ	Work Order Num	ber	Sheet	
						018981	76-02	1 of	f 2
1. Owner	· · · · · · · · · · · · · · · · · · ·		2. Pla	int				Unit	
	rgy Carolinas, LL	c		Oconee Nuc	ماه	ar Station			IS - 1
	Church Street	C		7800 Roche		A			
• · · ·	Charlotte, NC 28201-1006 Seneca, SC				-		Date		
Cilai lotte,	140 20201-1000			Beneda, BC				12/1	/2009
3. Work Performed	l by					Type Code Symb		plicable	
Duke Ene	rgy Carolinas, LL	C				Authorization Nu			
	Church Street	<i>L</i>				Authorization Nu		plicable	
	NC 28201-1006					Expiration Date			
						Expiration Date	Not Ap	plicable	
4. Identification of	System, ASME Cla	ass							-
	•		RC	C, ASME Class 1					
5.									
(a) Applicable Cons		USAS B		and and a second se		tion, <u>No</u>	_ Addend	·	Code Case
(b) Applicable Edition				19 <u>96</u>	Edi	tion, <u>2000</u>	_ Addend	la .	
(c) Applicable Secti		None			_				
6. Identification of	Components								
Name of	Name of	Manufact		National		Other	Year	Corrected,	ASME
Component	Manufacturer	Serial Nu	mber	Board No.		Identification	Built	Removed, or installed	Code Stamped
								Or it is taked	(Yes / No)
·									
IRC-159	Valcor	7		605		None	1997	Corrected	YES
-					-				
<u>,</u>				· · ·		• • •	<u>`.</u>	· · · · · ·	
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7. Description of	Work	<u> </u>	<u>.</u>	• •	1	•		<u> </u>	<u> </u>
		160 771	• • - 1	:		weeks CID 41	A160 117	CC 000190195	0
Replace the valve used as the replac									
	-				I DI				
8. Test Conducte									
Hydrost	atic Pneuma	tic 🔀 No	ominal	Operating Pressure	•	Exempt	Other		······································
	Pressure	PS	5I	Test Tem	per	ature	•F		

	Work Order Number	Sheet
	01898176-02	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
• Replace valve internals on 1RC-159 with valve internals from spare valve in not be used. New valve parts and old valve parts are like for like and identified drawing 414847001 rev. E	a CID 414169, UTC 00018918 on Duke drawing OM 253-00	352. Valve body will 71 and vendor
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	CERTIFICATE OF COMPLIANCE				
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.					
Type Code Symbol Stamp	N	lot Applicable			
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable		
Signed Outro Turn Owner or Owner's Design	GR, TECh Spec	Date2/,/04	1		

CE	RTIFICATE OF INSERVICE I	SPEC	TION	
I, the undersigned, holding a valid com			pard of Boiler and F	Pressure Vessel
Inspectors and the State or Province of	South CAROLINA	and	employed by	HSB CT
of Hartford, Con	necticut		have inspected the	e components described
in this Owner's Report during the period	12-1-09	to	2-1-10	, and state that
to the best of my knowledge and belief described in this Owner's Report in accord By signing this certificate neither the concerning the examinations and correct Inspector nor his employer shall be liable kind arising from or connected with this ins	ance with the requirements e Inspector nor his emplo tive measures described in in any manner for any pe	s of the yer m n this '	ASME Code, Sect akes any warranty Owner's Report.	tion XI. y, expressed or implied, Furthermore, neither the
Inspector's Signature	کے Commissions	C23 Nat	2.0/ABC 15 ional Board, State, Pro-	vince, and Endorsements
Date 2-1-10				

6.0 Pressure Testing

Second Period – Fourth 10-Year Interval

There was (1) pressure test zone pending for the Second Period that was not included in the previous Outage Summary Report (EOC25). Table 6-1 shows the completion status for that zone. There was no through-wall leakage observed during the pressure test for zone iZ1L-41. All Section XI pressure test requirements have been met for the Second Period of the Fourth 10-Year Interval for Oconee Unit 1.

Table 6-1 Second Period				
Zone Number	2 nd Period Completion Status	Final VT-2 Examination Date	Code Case(s) Used	
IZ1L-41	Complete	5/22/2010	N/A	

Third Period – Fourth 10-Year Interval

Table 6-2 shows the number of 3rd Period Class 1 (Category B-P) and Class 2 (Category C-H) pressure tests zones completed from refueling outage EOC-25 through refueling outage EOC-26. There was no through-wall leakage observed during these pressure tests.

Table 6-2 Outage Specific Summary				
Examination Category	Test Requirement	Total Zones Credited for EOC26		
B-P	System Leakage Test (IWB-5220)	4		
		Realization and the second		
С-Н	System Leakage Test (IWC-5220)	34		

The Class 1 (Category B-P) pressure test zones are required each refueling outage. Table 6-3 shows a completion status of the Class 1 (Category B-P) pressure test zones conducted during refueling cycle EOC26.

	Table 6-3 Detailed Class 1 Listing					
	Zone Number	EOC26 Completion Status	EOC26 VT-2 Examination Date	Code Case(s) Used		
1	OZ1L-16	Complete	6/20/2011	None		
2	OZ1L-1A	Complete	7/5/2011	None		
3	OZ1L-1AA	Complete	7/5/2011	None		
4	OZ1L-1Z	Complete	7/5/2011	None		

EOC 26 / Outage 5 Oconee Unit 1 Section 6 – Fourth Ten-Year Interval Page 1 of 3 Revision 0 July 13, 2011 Class 2 (Category C-H) pressure test zones are required once each inspection period. Table 6-4 shows a completion status for the (53) Class 2 (Category C-H) pressure test zones required for the third period of the fourth ten-year interval.

		ble 6-4 Detailed	Class 2 Third Pen	iod Listing
	Zone Number	Period Completion Status	Final VT-2 Examination Date	Code Case(s) Used
1	IZ1L-10	Complete	5/22/2011	None
2	IZ1L-11	Complete	5/22/2011	None
3	IZ1L-12	Incomplete	N/A	N/A
4	IZ1L-13	Incomplete	N/A	N/A
5	IZ1L-14A	Complete	6/2/2011	None
6	IZ1L-14B	Complete	6/2/2011	None
7	IZ1L-20	Incomplete	N/A	N/A
8	IZ1L-21	Complete	7/5/2011	None
9	IZ1L-22	Incomplete	N/A	N/A
10	IZ1L-24	Incomplete		N/A
11	IZ1L-25	Incomplete	N/A	N/A
12	IZ1L-4	Incomplete	N/A	N/A
13	IZ1L-40	Incomplete	N/A	N/A
14	IZ1L-41	Incomplete	N/A	N/A
15	IZ1L-48	Incomplete	N/A	N/A
16	IZ1L-5	Incomplete	N/A	N/A
17	IZ1L-60	Incomplete	N/A	N/A
18	OZ1L-14B	Complete	7/5/2011	None
19	OZ1L-15	Complete	7/5/2011	None
20	OZ1L-16	Complete	6/20/2011	None
21	OZ1L-17	Complete	6/20/2011	None
22	OZ1L-17B	Complete	6/2/2011	None
23	OZ1L-18	Complete	6/13/2011	None
24	OZ1L-19A	Complete	5/9/2011	None
25	OZ1L-19B	Complete	5/9/2011	None
26	OZ1L-1A	Complete	7/5/2011	None
27	OZ1L-2	Complete	7/5/2011	None
28	OZ1L-21	Complete	7/5/2011	None
29	OZ1L-23	Incomplete	N/A	N/A
30	OZ1L-26	Incomplete	N/A	N/A
31	OZ1L-27A	Complete	6/20/2011	None
32	OZ1L-27B	Complete	7/5/2011	None
33	OZ1L-28	Complete	7/5/2011	None
34	OZ1L-29	Complete	7/5/2011	None
35	OZ1L-29A	Complete	7/5/2011	None
36	OZ1L-3	Complete	7/5/2011	None
37	OZ1L-30	Complete	7/5/2011	None
38	OZ1L-30A	Complete	6/6/2011	None

EOC 26 / Outage 5 Oconee Unit 1 Section 6 – Fourth Ten-Year Interval Page 2 of 3 Revision 0 July 13, 2011

	Zone Number	Period Completion Status	Final VT-2 Examination Date	Code Case(s) Used
	0741 044		7/5/0044	Nana
39	OZ1L-31A	Complete	7/5/2011	None
40	OZ1L-31B	Complete	7/5/2011	None
41	OZ1L-31C	Complete	5/1/2011	None
42	OZ1L-34	Complete	4/7/2011	None
43	OZ1L-39	Incomplete	N/A	N/A
44	OZ1L-42A	Incomplete	N/A	N/A
45	OZ1L-42B	Incomplete	N/A	N/A
46	OZ1L-44	Incomplete	N/A	N/A
47	OZ1L-6	Complete	6/13/2011	N-566-2
48	OZ1L-6B	Incomplete	N/A	N/A
49	OZ1L-64	Complete	7/5/2011	None
50	OZ1L-65	Complete	7/5/2011	None
51	OZ1L-7	Complete	6/2/2011	None
52	OZ1L-7B	Complete	6/2/2011	None
53	OZ1L-9	Complete	6/20/2011	None

Section 6 Prepared By:		Date:
Jim Boughman	Jim Boughman	7/13/11

	Section 6 Reviewed By:			
Rick Jones	(La Joner	~	10	14
			1	· · · · ·

	Section 6 Approved By:	Date:
Mark Pyne	Ment	7/26/11

EOC 26 / Outage 5 Oconee Unit 1 Section 6 – Fourth Ten-Year Interval Page 3 of 3 Revision 0 July 13, 2011