

ONS-2014-34

March 3, 2014

Scott L. Batson Vice President Oconee Nuclear Station

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Document Control Desk U. S. Nuclear Regulatory Commission 11555 Rockville Pike Rockville, MD 20852-2746

Subject: Duke Energy Carolinas, LLC (Duke Energy) Oconee Nuclear Station, Unit 2 Docket No. 50-270 Unit 2, End of Cycle 26 Refueling Outage, Inservice Inspection Summary Report; Fourth Ten Year Inspection Interval

Pursuant to the 1998 Edition (with 2000 addenda) of the American Society Of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI of the ASME Subarticles IWA-6230 and IWA-6240, Duke Energy is providing the Inservice Inspection Summary Report for Oconee Unit 2, end of cycle (EOC) 26 Refueling Outage inspections enclosed with this letter.

Please note that this report does not include the results from Steam Generator Tube Inspections which is submitted as a separate report.

If there are any questions you may contact Corey Gray at (864) 873-6325.

Sincerely,

South & t

Scott L. Batson, Site Vice President Oconee Nuclear Station

Enclosure : Inservice Inspections, Oconee Unit 2, 2013 Refueling Outage EOC 26 (Outage 6).

A047

U. S. Nuclear Regulatory Commission March 3, 2014 Page 2

cc: (w/ enclosure)

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

Mr. Richard Guzman (By electronic mail only) U. S. Nuclear Regulatory Commission Office of Nuclear Reactor Regulation One White Flint North, M/S O-8C2 11555 Rockville Pike Rockville, MD 20852

cc: (w/o enclosure)

Mr. Eddy Crowe NRC Senior Resident Inspector Oconee Nuclear Station

Mrs. 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's Report For **INSERVICE INSPECTIONS**

OCONEE UNIT 2 2013 REFUELING OUTAGE EOC26 (OUTAGE 6)

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

NRC Docket No. 50-270

Commercial Service Date: September 9, 1974

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

Revision 0

Prepared By:

Reviewed By:

Approved By:

Date Date Date

2-21-2014 <u>02/21/2</u>014 <u>2/2/20</u>14

DISTRIBUTION LIST

- 1. Duke Energy Carolinas Engineering Support GO Section XI Inspection Program Section
- 2. NRC Document Control Desk
- Note: The following personnel are to be notified via e-mail after the Inservice Inspection Report has been stored in the Nuclear Electronic Document Library:

Inspection Services (ISI Coordinator)

ANII at Oconee

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules						
1. Owner: <u>Duke</u>	Energy Caroli	nas. 526 S. Church S (Name and Address	it Charlotte, NC 2 of Owner)	8201-1006		
2. Plant: <u>Ocon</u>	ee Nuclear Stat	ion, 7800 Rochester (Name and Address	Highway, Seneca. of Plant)	<u>SC 29672</u>		
3. Plant Unit:	2 4. Owner	Certificate of Autho	rization (if require	d) <u>N/A</u>		
 Commercial Service Date: <u>September 9, 1974</u> National Board Number for Unit <u>N/A</u> Components Inspected: 						
Component or M Appurtenance	Manufacturer Installer	Manufacturer Installer Serial No.	State or Province No.	National Board No.		
	See See	cti <u>on 1.1 in the A</u> ttach	ed Report			
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Note: Supplemental sheets in the form of lists, sketches, or drawings may be used provided (1) size is $8^{1}/2$ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Total number of pages contained in this report <u>214</u>

FORM NIS-1 (Back)

8.	Examination 1	Dates 1	November 18	8, 2011	······································	to <u>Dece</u>	mber 05, 201	3	_
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11.	Applicable Ed	ition of Se	ction XI	1998		_ Addend	a <u>2000</u>		-
12.	Date/Revision	of Inspec	tion Plan:	July 03), 2013 / Rev	vision 2			_
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15. A	bstract of Corr	ective Me	asures.			See	Subsection	4.3	
Date	2/21/2	20/4	Signed	Duke	Energy	Expir By		R	
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1.0 General Information

This report describes the Inservice Inspection of Duke's Oconee Nuclear Station, Unit 2 EOC 26 (Outage 6 of the fourth interval). This is the last 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 performance of the ISI examinations.

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

ltem	Manufacturer or installer	Manufacturer Manufacturer or Installer or Installer Serial No.		National Board No.
Reactor Vessel	Babcock & Wilcox	620-0004-51-52	N/A	N-105
Reactor Vessel Head (replaced head)	Babcock & Wilcox	068S-02	N/A	20 9
Steam Generator A	Babcock & Wilcox	006K03	N/A	207
Steam Generator B	Babcock & Wilcox	006K04	N/A	208
Pressurizer	Babcock & Wilcox	620-0004-59	N/A	N-106
Main Steam System	Duke Power	NA	NA	NA
Auxiliary Steam System	Duke Power	NA	NA	NA
Feedwater System	Duke Power	NA	NA	NA
Emergency Feedwater System	Duke Power	NA	NA	NA
Steam Generator Flush System	Duke Power	NA	NA	NA
Condensate System	Duke Power	NA	NA	NA

1.1 Identification Numbers

EOC 26 Refueling Outage Report Oconee Unit 2 Section 1 Page 1 of 4 Revision 0 February 19, 2014

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

1.2 <u>Code Cases</u>

The following Code Cases are permitted for use by the current ISI Plan:

Code Case N-460

Code Case N-504-2

EOC 26 Refueling Outage Report Oconee Unit 2 Section 1

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Code Cases (continued)

- Code Case N-513-2
- Code Case N-532-4
- Code Case N-586-1
- Code Case N-609
- Code Case N-613-1
- Code Case N-624
- Code Case N-639
- Code Case N-643-2
- Code Case N-648-1
- Code Case N-663
- Code Case N-665
- Code Case N-683
- Code Case N-685
- Code Case N-694-1
- Code Case N-695
- Code Case N-700
- Code Case N-706
- Code Case N-722-1
- Code Case N-729-1
- Code Case N-770-1

EOC 26 Refueling Outage Report Oconee Unit 2 Section 1

1.3 Reference Documents

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

Problem Investigation Program (PIP) Report O-14-00547. This PIP was written to track the evaluation process and resolution for limited coverage on UT examinations of welds that were inspected during 2EOC26. This will include processing a relief request if it is determined that greater than ninety percent of the required coverage cannot be achieved. The welds with limited coverage are listed in Section 4.4 of this report.

Problem Investigation Process (PIP) Report O-14-00180 was written to document the work orders that had work completed during the 2EOC-26 report period but the documentation was not completed in time for the NIS-2 forms to be included in the 2EOC26 Refueling Outage Summary Report.

Problem Investigation Process (PIP) Reports O-13-10464, O-13-11253, O-13-11463, O-13-12075, O-13-11316, O-13-11318, and O-13-12905 were written to document and resolve component support problems identified during 2EOC26.

Problem Investigation Process (PIP) Report O-12-14100 removed Reactor Coolant Pump Flywheel Augmented Exam requirements from ISI Plan and relocated them to the site's work management system.

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

EOC 26 Refueling Outage Report Oconee Unit 2 Section 1 Page 4 of 4 Revision 0 February 20, 2014

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. Appendix Q, Augmented, and Elective inspections are also included.

Examination Category	Description	Inspections Required	inspections Completed	Percentage Completed	(1) Deferral Allowed
B-A	Pressure Retaining Welds in Reactor Vessel	6	6	100%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessel	10	10	100%	No
B-D	Full Penetration Welds of Nozzles in Vessels Inspection Program B	54	54	100%	Partial
B-F	Pressure Retaining Dissimilar Metal Welds	2	2	100%	Yes
B-G-1	Pressure Retaining Bolting Greater than 2 Inches in Diameter	128	128	100%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	20	20	100%	No
B-J	Pressure Retaining Welds in Piping	138	138	100%	No
В-К	Welded Attachments for Vessels, Piping, Pumps and Valves	11	11	100%	No

Class 1 Inspections

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

Class	1	Inspections ((Continued)
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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% (3)	Yes	
B-M-1	Pressure Retaining Welds in Valve Bodies	1	1	100%	Yes	
B-M-2	Valve Bodies	3	1	33% (4)	Yes	
B-N-1	Interior of Reactor Vessel	3	3	100%	No	
B-N-2	2 Welded Core Support Structures and Interior Attachments to Reactor Vessels		3	100%	Yes	
B-N-3	Removable Core Support Structures	1	1	100%	Yes	
B-O	Pressure Retaining Welds in Control Rod Housings	12 [.]	12	100%	Yes	
B-P	All Pressure Retaining Components	REFERENCE SECTION 6.0 OF THIS REPORT				
8-Q	Steam Generator Tubing	N/A	N/A	N/A	N/A	
F-A F1.10 & F1.40 items.	Class 1 Component Supports (Except Snubbers)	37	37	100%	No	
F-A F1.50 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	2	2	100% (5)

Class 2 Inspections

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed
C-A	Pressure Retaining Welds in Pressure Vessels	11	11	100%
С-В	Pressure Retaining Nozzle Welds in Vessels	4	4	100%
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	40	40	100%
C-D	Pressure Retaining Bolting Greater Than 2 Inches in Diameter	2	2	100%
C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	151	151	100%
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	62	62	100%
C-G	Pressure Retaining Welds in Pumps and Valves	N/A	N/A	N/A
С-Н	All Pressure Retaining Components	REFERENC	E SECTION 6.0	OF THIS REPORT
F-A F1.20 & F1.40 items.	Class 2 Component Supports (Except Snubbers)	140	117	100%
F-A F1.50 items	Class 2 Component Supports, Snubbers			(2)

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

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

- (3) Reactor Coolant Pumps were not disassembled during the 4th Interval so no exams were required per Table IWB-2500 Examination Category B-L-2.
- (4) Only 1 of 3 valve groups was disassembled during the 4th Interval, which is permissible per Note 2 in Table IWB-2500 Examination Category B-M-2 for Item B12.50.

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

EOC 26 Refueling Outage Report Oconee Unit 2 Section 2

Augmented/Elective Inspections

Summary Number	Description	Percentage Complete
O2.B4.30	Head with Nozzles and Partial Penetration Welds, Bare Metal Visual per Code Case N-729-1	None scheduled for EOC 26
O2.B4.40	Head with Nozzles and Partial Penetration Welds, Volumetric/Surface Exams per Code Case N-729-1	100% of EOC 26 Requirements
O2.B15.80	Reactor Vessel Bottom Head Bare Metal Visual per Code Case N-722-1	100% of EOC 26 Requirements
O2.B15.210	Hot Leg Full Penetration Weld, Bare Metal Visual per Code Case N-722-1	100% of EOC 26 Requirements
O2.B15.215	Cold Leg Full Penetration Weld, Bare Metal Visual per Code Case N-722-1	100% of EOC 26 Requirements
O2.G1.1	Reactor Coolant Pump Flywheel	Items removed from Augmented Plan per PIP O-12-14100.
02.G2.1	HPI Nozzle Safe End Examinations	100% of EOC 26 Requirements
O2.G3.1	Pressurizer Surge Line Examinations (NRC Bulletin 88-11)	None scheduled for EOC 26
O2.G4.1	Thermal Stress Piping (NRC Bulletin 88-08)	100% of EOC 26 Requirements
O2.G12.1	UT Examination per MRP-139 / Code Case 770-1	None scheduled for EOC 26
O2.G12.2	UT Examination per MRP-139 / Code Case 770-1	100% of EOC 26 Requirements
02.H2.1	Class 1 RTE Mounting Bosses	100% of EOC 26 Requirements
O2.H3.1	Main Feedwater Piping in the East and West Penetration Rooms per QA-513J (ER-ONS-04-03)	None scheduled for EOC 26
O2.H4.1	Main Feedwater and Main Steam Piping Supports and Attachment Welds per QA-513J (ER-ONS-04-05)	100% of EOC 26 Requirements
O2.H5.1	East Penetration Main Feedwater Piping Welds and Attachments	None scheduled for EOC 26
O2.H6.1	Main Feedwater Rupture Restraint Attachment Welds	100% of EOC 26 Requirements

3.0 Final Inservice Inspection Plan

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

EOC 26 Refueling Outage Report Oconee Unit 2 Section 3 Page 1 of 1 Revision 0 February 19, 2014 ScheduleWorks

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

Oconee 2, 4th Interval, Outage 6 (EOC-26)

This report includes all changes through addendum ONS2-131

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B15.210.0001	2RC-278-66 Class 1 50	2RC-278 OM 1201-1469 OM 1201-1472	NDE-68	VT-2	CS-Inconel	<u>11² ··· </u>	0.250 / 1.000		
Dissimilar									
			Pipe to Safe I 1 inch HL SB- Leg. (Examine the Comments re Begining with 722-1. These the NGO Con Comments be Per the requin Code Case N Bare Metal Vi Case N-722. Personnel pe four hours of acid corrosion Procedure NI This B15.210 For additional	End -166 Pressu Nozzle to S wised per O 2EOC26, a examinatic porate Prog elow are for rements of 1 -722 subject isual Inspect rforming the additional tr of adjacen DE 68, Acce item is to b l information	are Tap SE to C Sale-End weld a INS2-121: a bare metal vis ons shall be pe rams Group. examinations p 10 CFR 50.55a ct to the conditi- tion by VT-2 qu e visual examin- aining in detec the ferritic steel co- optance Criteria e examined ea o, contact Christ	CS Nozzle w and the Safe sual examination formed even (g) (6) (ii) (i ons specifie ualified insp ation shall to tion of boration omponents its "no evid ch refueling a Cruz from	veld and SS pipe v e-End to Pipe weld ation by a qualified iny refueling outag C26: E), all licensees of d in paragraphs (g ector per the requ be qualified as VT ted water leakage ence of borated w joutage. the Materials and	reld. This weld is to 1.) 1 VT-2 inspector per a. Any questions co 1 PWRs shall augmon (6) (ii) (E) 2 through irements of application 2 visual examiners from alloy 600/82/1 ater leakage." NDE Services Sect	cated on piping that branches off of "A" Hot r the requirements of ASME Code Case N- oncerning this exam shall be directed to ent their ISI program implementing ASME gh 4. ble item numbers listed in Table 1 of Code and shall have completed a minimum of 82 components and the resulting boric ion, Nuclear Technical Services Division.

Summary Num	Component ID Class / System) ISO/DWG Numbers 1	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cel Blocios	Componenet ID 2
Category Aug									
O2.B15.210.0002	2RC-278-70V								. <u> </u>
	Class 1 50	2RC-278 OM 1201-1469 OM 120-1472	NDE-68	VT-2	CS-Inconel		0.250 / 1.000		
Dissimilar									
			Pipe to Safe I 1 inch HL SB Leg. (Examine the Comments re Begining with 722-1. These the NGO Con Comments bu Per the require Code Case N Bare Metal Vi Case N-722. Personnel pe four hours of acid corrosion Procedure NI This B15.210 For additional	End 166 Pressu Nozzle to S vised per O 2EOC26, a e examinatio porate Prog elow are for rements of 1 1-722 subject isual Inspect fforming the additional tra- n of adjacen DE 68, Acce item is to b l information	Are Tap SE to C safe-End weld a NS2-121: bare metal visions shall be pe rams Group. examinations (00 CFR 50.55a to the conditi tion by VT-2 qu e visual examina aining in detect to ferritic steel of petance Criteria e examined ea h, contact Christ	CS Nozzle w and the Safe sual examina formed eve prior to 2EO (g) (6) (ii) (ons specifie ualified insp ation shall t tion of bora components a is "no evid ach refueling s Cruz from	veld and SS pipe e-End to Pipe well ation by a qualifie my refueling outage (C26: E), all ficensees of d in paragraphs (ector per the require control of the set of ted water leakage , ence of borated w) outage. the Materials and	weld. This weld is loca d.) d VT-2 inspector per f ge. Any questions con of PWRs shall augmen g) (6) (ii) (E) 2 through irements of applicabl -2 visual examiners a b from alloy 600/82/18 water leakage."	ated on piping that branches off of *A* Hot the requirements of ASME Code Case N- nceming this exam shall be directed to nt their ISI program implementing ASME h 4. e item numbers listed in Table 1 of Code and shall have completed a minimum of 22 components and the resulting boric

Summary Num	Component ID Class / System) ISO/DWG Numbers 1	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug						<u></u>			
O2.B15.210.0003	2RC-277-50 Class 1 50	2RC-277 OM 1201-1469 OM 120-1472	NDE-68	VT-2	CS-Inconel		0.250 / 1.000		 -
Dissimilar									
			Pipe to Safe E 1 inch HL SB- Leg. (Examine the Comments re Begining with 722-1. These the NGO Corp Comments be Per the requir Code Case N Bare Metal Vi Case N-722. Personnel per four hours of acid corrosior Procedure NE This B15.210 For additional	End 166 Pressu Nozzle to S vised per O 2EOC26, a examination porate Prog elow are for ements of 1 -722 subjec sual Inspec forming the additional tra of adjacen DE 68, Acce item is to b information	Tap SE to (Safe-End weld (NS2-121: bare metal vis ins shall be perams Group, examinations (0 CFR 50.55a t to the conditi- tion by VT-2 que evisual examina- aining in detect t ferritic steel of prance Criteria e examined ea o, contact Christian	CS Nozzle w and the Sale sual examine rformed events (g) (6) (ii) (ons specifie ualified insp mation shall to the specifie components a is "no evid ach refueling s Cruz from	veld and SS pipe v e-End to Pipe well ation by a qualified any refueling outag OC26: E), all licensees o od in paragraphs (ector per the requ be qualified as VT ted water leakage be once of borated w o outage. the Materials and	weld. This weld is located d.) d VT-2 inspector par the le. Any questions conce f PWRs shall augment th g) (6) (ii) (E) 2 through 4. irements of applicable it -2 visual examiners and from alloy 600/82/182 co rater leakage." NDE Services Section,	t on piping that branches off of "B" Hot requirements of ASME Code Case N- ming this exam shall be directed to heir ISI program implementing ASME am numbers listed in Table 1 of Code shall have completed a minimum of components and the resulting boric Nuclear Technical Services Division.

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	tnsp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
Q2.B15.210.0004	2RC-277-71V							<u></u>	
	Class 1 50	2RC-277	NDE-68	VT-2	CS-Inconel		0.250 / 1.000		
		OM 1201-1469 OM 120-1472							
Dissimilar									
			Pipe to Safe E 1 inch HL SB- Leg. (Examine the	End 166 Pressu Nozzle to S	ure Tap SE to (Safe-End weld)	CS Nozzle w and the Safe	reld and SS pipe v e-End to Pipe wel	weld. This weld is loc d.)	ated on piping that branches off of "B" Hot
			Comments re Begining with 722-1. These the NGO Corp	vised per O 2EOC26, a examinatio porate Prog)NS2-121: a bare metal vis ons shall be pe jrams Group.	ual examini formed eve	ation by a qualifie ny refueling outag	d VT-2 inspector per e. Any questions co	the requirements of ASME Code Case N- incerning this exam shall be directed to
			Comments be Per the requir Code Case N Bare Metal Vi Case N-722. Personnel per four hours of a acid corrosior Procedure NC This B15 210	elow are for ements of -722 subjec sual Inspec forming the additional to to fadjacen to 68, Acce item is to h	examinations 10 CFR 50.55a ct to the conditi ction by VT-2 q e visual examin raining in detect ant ferritic steel eptance Criteria e examined ea	prior to 2EO (g) (6) (ii) (l ons specifie ualilied insp ation shall t tion of borat components i is 'no evid of ratuelion	C26: E), all licensees o of in paragraphs (ector per the requ be qualified as VT ted water leakage ence of borated w	f PWRs shall augme g) (6) (ii) (E) 2 throug irements of applicab -2 visual examiners a from alloy 600/82/16 rater leakage.*	nt their ISI program implementing ASME h 4. le item numbers listed in Table 1 of Code and shall have completed a minimum of 32 components and the resulting boric
			For additional	information	n, contact Chris	S Cruz from	the Materials and	NDE Services Secti	on, Nuclear Technical Services Division.

Oconee 2, 4th Interval, outage 6 (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 Aug									
O2.B15.210.0005	2RC-278-23 Class 1 50	2RC-278 OM 1201-1469 OM 120-1472	NDE-68	VT-2	CS-Inconel		0.250 / 1.000		
Dissimilar									
			Pipe to Safe I .075 inch ID H Sale-End to F Comments re Begining with	End IL SB-167 f Pipe weld.) 1 vised per O 2EOC26, a	Flowmeter Noz This weld is loc NS2-121: L bare metal vis	zle SE to C ated on pip wal examin	S Nozzle weld and ing that branches ation by a qualifie	d SS pipe weld. (Exami off of "A" Hot Leg. d VT-2 inspector per th	ine the Nozzle to Safe-End weld and the e requirements of ASME Code Case N-
			722-1. These the NGO Con	examination porate Prog	ons shall be per rams Group.	formed eve	ary refueling outag	e. Any questions conc	seming this exam shall be directed to
			Comments below are for examinations prior to 2EOC26: Per the requirements of 10 CFR 50.55a (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI program implementing 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 Case N-722						
Personnel performing the visual examination shall be qualified as VT-2 visual examiner four hours of additional training in detection of borated water leakage from alloy 600/82/ acid corrosion of adjacent ferritic steel components. Procedure NDE 68, Acceptance Criteria is "no evidence of borated water leakage."						-2 visual examiners an from alloy 600/82/182 rater leakage."	d shall have completed a minimum of components and the resulting boric		
			This B15.210 For additional	itern is to b information	e examined ea n, contact Chris	ch refueling Cruz from	y outage. the Materials and	NDE Services Section	, Nuclear Technical Services Division.

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B15.210.0006	2RC-278-69 Class 1 50	2RC-278 OM 1201-1469 OM 120-1472	NDE-68	VT-2	CS-Inconel	<u>.</u>	0.250 / 1.000		
Dissimilar	Comments 210.0006 2RC-278-69 Class 1 50 2RC-278 NDE-68 OM 1201-1469 OM 120-1472 lar Pipe to Safe End .075 inch ID HL S Safe-End to Pipe Comments revise Begining with 2Et 722-1. These ex the NGO Corpore Comments below Per the requirem Code Case N-722 Bare Metal Visua Case N-722. Personnel perfon four hours of add acid corrosion of Procedure NDE 6 This B15.210 iter For additional infe		End HL SB-167 f Pipe weld.) 1 vised per O 2EOC26, a examinatic porate Prog elow are for rements of 1 I-722 subject isual Inspect forming the additional tr o of adjacen DE 68, Acce	Flowmeter Nozi This weld is loc INS2-121: a bare metal vis ons shall be per rams Group. examinations (10 CFR 50.55a to the condition to the condition to the condition to by VT-2 que e visual examin raining in detec at ferritic steel c eptance Criteria	de SE to C ated on pip ual examin formed eve (g) (6) (ii) (ons specifie ualified insp ation shall I ion of bora omponents is 'no evid	S Nozzle weld any ing that branches ation by a qualifier by refueling outag OC26: E), all licensees o od in paragraphs (ector per the requ be qualified as VT ted water leakage bece of borated w	d SS pipe weld. (Exa off of "A" Hot Leg. d VT-2 inspector per e. Any questions co f PWRs shall augme g) (6) (ii) (E) 2 throug irements of applicab -2 visual examiners of from alloy 600/82/16 rater leakage.*	mine the Nozzle to Safe-End weld and the the requirements of ASME Code Case N- ncerning this exam shall be directed to int their ISt program implementing ASME in 4. le item numbers listed in Table 1 of Code and shall have completed a minimum of 32 components and the resulting boric	
			For additional	information	e examined ea n, contact Chris	cn refueling Cruz from) outage. the Materials and	NDE Services Section	on, Nuclear Technical Services Division.

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B15.210.0007	2RC-277-24 Class 1 50	2RC-277 OM 1201-1469 OM 120-1472	NDE-68	VT-2	CS-Inconel		0.250 / 1.000		
Dissimilar			Pipe to Safe 6 .075 inch ID F Safe-End to F Comments re Begining with 722-1. These the NGO Corp Comments be Per the requir Code Case N Bare Metal Vi Case N-722. Personnel per four hours of acid corrosior Procedure NI This B15.210	End (L SB-167 F ipe weld.) T vised per O 2EOC26, a examinatio porate Prog elow are for ements of 1 -722 subjec sual Inspec rforming the additional tr o of adjacen tem is to b	Flowmeter Nozi This weld is loc NS2-121: bare metal vis ons shall be per rams Group. examinations p 0 CFR 50.55a t to the condition to the condition to the condition to VT-2 que evisual examina aining in detec optance Criteria e examined ea	de SE to C ated on pipi ual examina formed eve prior to 2EC (g) (6) (ii) (ons specifie valified insp ation shall f ison of bora omponents is 'no evid ch refuelinc	S Nozzle weld and ing that branches ation by a qualifier my refueling outag OC26: E), all licensees o id in paragraphs (ector per the requ be qualified as VT ted water leakage ence of borated w o outage	d SS pipe weld. (Examin off of "B" Hot Leg. d VT-2 inspector per the e. Any questions conce f PWRs shall augment (g) (6) (ii) (E) 2 through 4 irements of applicable i -2 visual examiners and from alloy 600/82/182 (rater leakage."	the the Nozzle to Safe-End weld and the e requirements of ASME Code Case N- eming this exam shall be directed to their ISI program implementing ASME tem numbers listed in Table 1 of Code I shall have completed a minimum of components and the resulting boric

Summary Num	Component ID Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	[•] Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug						<u>.</u>			
O2.B15.210.0008	2RC-277-70 Class 1 50	2RC-277 OM 1201-1469 OM 120-1472	NDE-68	VT-2	CS-Inconel	~	0.250 / 1.000	<u> </u>	
Dissimilar			Pipe to Safe F .075 inch ID F Safe-End to F Comments re Begining with 722-1. These the NGO Con Comments be Per the requir Code Case N Bare Metal Vi Case N-722. Personnel pe four hours of acid corrosior Procedure NI	End IL SB-167 F Pipe weld.) I vised per O 2EOC26, a examination porate Prog elow are for rements of 1 -722 subjec sual Inspec rforming the additional tre of adjacen DE 68. Acce	Flowmeter Noz This weld is loc NS2-121: bare metal vis ons shall be per rams Group. examinations (0 CFR 50.55a to the condition tion by VT-2 que e visual examina aining in detect t femitic steel of cotance Criteria	zle SE to C: ated on pipi ual examina formed even prior to 2EO (g) (6) (ii) (i ons specifie valified insp ation shall h tion of borats omponents is no evid	S Nozzle weld and ing that branches ation by a qualifier ory refueling outag OC26: E), all licensees o id in paragraphs (ector per the requ be qualified as VT ted water leakage ince of borated w	t SS pipe weld. (Exar off of "B" Hot Leg. d VT-2 inspector per f e. Any questions cor f PWRs shall augmer g) (6) (ii) (E) 2 throug irements of applicabl -2 visual examiners a from alloy 600/82/18 ater leakage."	nine the Nozzle to Safe-End weld and the the requirements of ASME Code Case N- nceming this exam shall be directed to not their ISI program implementing ASME in 4. e item numbers listed in Table 1 of Code and shall have completed a minimum of 2 components and the resulting boric
			This B15.210 For additional	item is to b information	e examined ea n, contact Chris	ch refueling Cruz from	y outage. the Materials and	NDE Services Section	n, Nuclear Technical Services Division.

Oconee 2, 4th Interval, outage 6 (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 Aug							······		
O2.B15.210.0009	2-PHA-13 Class 1 50	ISI-OCN2-005 OM 1201-1469 OM 1201-1472	NDE -68	VT-2	CS-Inconel		2.875 / 9.000		
Dissimilar			Pipe to Pipe RTE Mountim Hot Leg (Piec Comments re Begining with 722-1. These the NGO Cor Comments b Per the requi Code Case N Bare Metal V Case N-722. Personnel pe four hours of acid corrosion Procedure NI This B15.210 For additiona	g Boss SB-1 e 7) to RTE vised per O 2EOC26, a e examinatio porate Prog elow are for rements of 1 I-722 subjec isual Inspec rforming the additional tr of adjacem DE 68, Acce item is to b i informatior	166 to 690 Dry Mounting Bos NS2-121: bare metal vis ons shall be pe rams Group. examinations - 10 CFR 50.55a to the conditi tion by VT-2 qu e visual examine a visual examine the femitic steel of eptance Criteria e examined ea n, contact Chris	well Weld o s (piece 12) sual examin formed even prior to 2EC (g) (6) (ii) (ons specific ualified insp tation shall I stion of bora a is 'no evid a is 'no evid s Cruz from	n 2A Hotleg (X-A). ation by a qualifie ary refueling outag OC26: (E), all licensees o ad in paragraphs (bector per the requ be qualified as VT ted water leakage b lence of borated v g outage. the Materials and	kis) d VT-2 inspector per e. Any questions col f PWRs shall augme g) (6) (ii) (E) 2 throug irements of applicabl -2 visual examiners a from alloy 600/82/18 rater leakage.*	the requirements of ASME Code Case N- nceming this exam shall be directed to nt their ISI program implementing ASME h 4. le item numbers listed in Table 1 of Code and shall have completed a minimum of 32 components and the resulting boric on, Nuclear Technical Services Division.

Summary Num	Component IE Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B15.210.0010	2-PHA-14								<u>ی، ت با تکالی میں میں میں میں اور اور اور اور اور اور اور اور اور اور</u>
	Class 1 50	ISI-OCN2-005 OM 1201-1469 OM 1201-1472	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		
Dissimilar									
			Pipe to Pipe ATE Mounting Hot Leg (Piec Comments re Begining with 722-1. These the NGO Con Comments be Per the require Code Case N Bare Metal Vi Case N-722. Personnel pe four hours of acid corrosion Procedure NI This B15.210 For additional	g Boss SB- e 7) to RTE vised per O 2EOC26, a examinatio corate Prog elow are for ements of 1 -722 subjec sual Inspec forming the additional tr of adjacen DE 68, Acce item is to b information	166 to 690 Dryn Mounting Bos NS2-121: bare metal vis ins shall be per rams Group. examinations p 0 CFR 50.55a t to the condition to the condition to by VT-2 qu visual examina aining in detec t ferritic steel o ptance Criteria e examined ea o, contact Chris	vell Weld o s (piece 12) ual examination formed even onfor to 2EC (g) (6) (ii) ((g) (6) (ii) ((g) (6) (iii) ((g) (g) ((iii) ((g) ((iii) ((iii) ((g) ((iii)	n 2A Hotleg (Y-Z), ation by a qualifier my refueling outag (C26: E), all licensees o d in paragraphs (ector per the requ be qualified as VT ted water leakage ence of borated w) outage. the Materials and	Axis) d VT-2 inspector per the e. Any questions conce f PWRs shall augment to g) (6) (ii) (E) 2 through 4 irements of applicable it -2 visual examiners and from alloy 600/82/182 c ater leakage.* NDE Services Section,	requirements of ASME Code Case N- ming this exam shall be directed to heir ISI program implementing ASME em numbers listed in Table 1 of Code shall have completed a minimum of components and the resulting bonc Nuclear Technical Services Division.

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component iE Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B15.210.0011	2-PHA-15 Class 1 50	ISI-OCN2-005 OM 1201-1469 OM 1201-1472	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		
Dissimilar			Pipe to Pipe RTE Mountin Hot Leg (Piec Comments of Begining with 722-1. Thesi the NGO Cor Comments b Per the requi Code Case N Bare Metal V Case N-722. Personnel pe four hours of acid corrosio Procedure N This B15.210 For additional	g Boss SB- 2017 to RTE 2017 to	166 to 690 Dry Mounting Bos DNS2-121: a bare metal visons shall be per grams Group. rexaminations 10 CFR 50.55a ct to the conditi- ction by VT-2 q e visual examin raining in detect at ferritic steel eptance Criteri- be examined at n, contact Chrit	well Weld o ss (piece 12 sual examin prior to 2EC a (g) (6) (ii) (ions specific ualified insp nation shall ction of borst components a is 'no evic ach refuelin s Cruz from	in 2A Hotleg (Z-W). ation by a qualifie ery refueling outag (E), all licensees c ad in paragraphs (pector per the requ be qualified as VT ted water leakage s. Jence of borated w g outage.	/ Axis) d VT-2 inspector per (ge. Any questions cor g) (6) (ii) (E) 2 through irrements of applicable -2 visual examiners a from alloy 600/82/18 vater leakage."	the requirements of ASME Code Case N- nceming this exam shall be directed to ht their ISI program implementing ASME h 4. e item numbers listed in Table 1 of Code and shall have completed a minimum of 2 components and the resulting boric on, Nuclear Technical Services Division.

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Compon ene t ID 2
Category Aug									
O2.B15.210.0012	2-PHB-13 Class 1 50	ISI-OCN2-006	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		
		OM 1201-1469 OM 1201-1472							
Dissimilar									
			Pipe to Pipe RTE Mountin Hot Leg (Piec	g Boss SB- ie 7) to RTE	166 to 690 Dry Mounting Bos	well Weld o s (piece 12)	n 2B Hotleg (X A).	cis)	
Comments revised per ONS2-121: Begining with 2EOC26, a bare metal visual examinations shall be performed every the NGO Corporate Programs Group.					ation by a qualifie ary refueling outag	d VT-2 inspector per the e. Any questions conce	a requirements of ASME Code Case N- aming this exam shall be directed to		
			the NGO Corporate Programs Group. Comments below are for examinations prior to 2EOC26: Per the requirements of 10 CFR 50.55a (g) (6) (ii) (E), all licensees of PWRs shall augment their ISI progr 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 Case N-722.						their ISI program implementing ASME I. Item numbers listed in Table 1 of Code
			Personnel pe four hours of acid corrosion Procedure NI	rforming the additional tr n of adjacen DE 68, Acce	e visual examin raining in detec It ferritic steel c eptance Criteria	ation shall I tion of bora components i is "no evid	be qualified as VT ited water leakage 5. lence of borated w	-2 visual examiners and from alloy 600/82/182 (rater leakage."	I shall have completed a minimum of components and the resulting boric
			For additional	item is to d information	e examined ea n, contact Chris	cn refueling Cruz from	g outage. the Materials and	NDE Services Section,	Nuclear Technical Services Division.

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component IE Class / System) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B15.210.0013	2-PHB-14								
	Class 1 50	ISI-OCN2-006 OM 1201-1469 OM 1201-1472	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		
Dissimilar									
			Pipe to Pipe RTE Mountin Hot Leg (Piec Comments re Begining with 722-1. These the NGO Con Comments be Per the requis Code Case N Bare Metal Vi Case N-722. Personnel per four hours of acid corrosior Procedure NE This B15.210 For additional	g Boss SB- e 7) to RTE vised per O 2EOC26, a e examinatio porate Prog alow are for rements of 1 -722 subject isual Inspec rforming the additional tro of adjacen DE 68, Acce item is to b l information	166 to 690 Dry Mounting Bos NS2-121: bare metal vis ons shall be pe rams Group. examinations 10 CFR 50.55a t to the conditi tion by VT-2 qu o visual examin alning in detec plance Criteria e examined ea n, contact Chris	well Weld or s (piece 12) and examine formed eve brior to 2EO (g) (6) (ii) (1 (ons specifie palified inspiration ation shall b tion of borat omponents. is "no evide ch refueling s Cruz from 1	n 2B Hotleg (Y-Z). ation by a qualified ry refueling outag C26: E), all licensees of d in paragraphs (g ector per the requ ve qualified as VT- ted water leakage ence of borated we outage. the Materials and	Axis) 4 VT-2 inspector per e. Any questions co FPWRs shall augme () (6) (ii) (E) 2 through rements of applications 2 visual examiners from alloy 600/82/11 ater leakage.* NDE Services Sections	r the requirements of ASME Code Case N- oncerning this exam shall be directed to ant their ISI program implementing ASME gh 4. Is item numbers listed in Table 1 of Code and shall have completed a minimum of 82 components and the resulting boric ion, Nuclear Technical Services Division.

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B15.210.0014	2-PHB-15								
	Class 1 50	ISI-OCN2-006 OM 1201-1469 OM 1201-1472	NDE-68	VT-2	CS-Inconel		2.875 / 9.000		
Dissimilar									
			Pipe to Pipe RTE Mountin Hot Leg (Piec Comments re Begining with 722-1. These the NGO Cor Comments bu Per the requi Code Case N Bare Metal V Case N-722. Personnel pe four hours of actd corrosio Procedure NI This B15.210 For additiona	g Boss SB-1 e 7) to RTE vised per O 2EOC26, a e examinatio porate Prog elow are for rements of 1 -722 subjec isual Inspec ritoming the additional tr n of adjacen DE 68, Acce item is to b	166 to 690 Dry Mounting Bos NS2-121: bare metal vis ons shall be per rams Group. examinations p 0 CFR 50.55a to the conditi- tion by VT-2 qu e visual examin alning in detec the ferritic steel c optance Criteria e examined ea n, contact Chris	well Weld o s (piece 12) ual examina- formed even prior to 2EO (g) (6) (ii) (i ons specifie sation shall t tion of bora- omponents is "no evid ch refueling ; Cruz from	n 2B Hotleg (Z-W). ation by a qualifier ry refueling outag (C26: E), all licensees o id in paragraphs (ector per the requ be qualified as VT ted water leakage ence of borated w j outage. the Materials and	Axis) d VT-2 inspector per ti e. Any questions con f PWRs shall augmen g) (6) (ii) (E) 2 through irements of applicable -2 visual examiners ar from alloy 600/82/182 ater leakage." NDE Services Section	he requirements of ASME Code Case N- cerning this exam shall be directed to t their ISI program implementing ASME 4. bitem numbers listed in Table 1 of Code and shall have completed a minimum of 2 components and the resulting boric

Summary Num	Component II Class / System) IŞO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B15.210.0015	2SGA-HL-COM	₩ <u>1</u> -36							
	Class 1 50	OM-1201-0103.001 O-ISIN4-100A-2.1 OM-1201-1472.001	NDE-68	VT-2	CS-Inconel				
Dissimilar									
			RTE Hot Leg Steam Gener Abandoned F Comments re Begining with 722-1. These the NGO Cor Comments b Per the requi Code Case N Bare Metal V Case N-722. Personnel per four hours of acid corrosio Procedure Ni This B15.210 For additiona	Thermal W ator A Hot I ITE Therma vised per C 2EOC26, a e examinativ porate Prog elow are for rements of I-722 subjection isual Inspec- isual Inspec- enforming the additional to n of adjacer DE 68, Acce i information	ell Leg Connection d Well Connection of NS2-121: bare metal visions shall be pe rams Group. examinations (10 CFR 50.55a) to the condition to CFR 50.55a) to the condition to CFR 50.55a to CFR 50.55a t	# 36 on dra ion. ual examina formed eve prior to 2EO (g) (6) (ii) (for ons specifie jalified inspe ation shall b tion of borat omponents, i is "no evidi ich refueling is Cruz from	awing OM 1201-0 ation by a qualifie ry refueling outag C26: E), all licensees o d in paragraphs (actor per the requ ted water leakage ence of borated w outage. the Materials and	d VT-2 inspector per the ge. Any questions conce of PWRs shall augment to g) (6) (ii) (E) 2 through 4 jirements of applicable it f-2 visual examiners and throm alloy 600/82/182 co vater leakage."	on drawing OM-1201-1472.001. requiraments of ASME Code Case N- ming this exam shall be directed to heir ISI program implementing ASME em numbers listed in Table 1 of Code shall have completed a minimum of components and the resulting boric

Oconee 2, 4th interval, outage 6 (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 Aug									
O2.B15.210.0016	2SGB-HL-CON	-27							
	Class 1 50	OM-1201-0103.001 O-ISIN4-100A-2.1 OM-1201-1472.001	NDE-68	VT-2	CS-Inconel				
Dissimilar									
			RTE Hot Leg Steam Gener Abandoned R	Thermal W ator B Hot I TE Therma	ell Leg Connection I Well Connect) # 27 on dra ion	wing OM 1201-0	103.001 and Mark # 1(0 on drawing OM-1201-1472.001
			Comments re Begining with 722-1. These the NGO Con	vised per C 2EOC26, a examinatio porate Prog	NS2-121: L bare metal vis ons shall be pe rams Group.	ual examina formed eve	ition by a qualifie ry refueling outag	d VT-2 inspector per the e. Any questions conv	he requirements of ASME Code Case N- cerning this exam shall be directed to
			Comments be Per the requir Code Case N Bare Metal Vi Case N-722.	elow are for rements of -722 subject sual Inspec	examinations 10 CFR 50.55a t to the conditi tion by VT-2 qu	orior to 2EO (g) (6) (ii) (E ons specifie alified inspe	C26: E), all licensees o d in paragraphs (ector per the requ	f PWRs shall augment g) (6) (ii) (E) 2 through irements of applicable	t their ISI program implementing ASME 4.) item numbers listed in Table 1 of Code
			Personnel pe four hours of acid corrosion Procedure NI	rforming the additional to of adjacer DE 68, Acce	e visual examin raining in detec at ferritic steel c aptance Criteria	ation shall b tion of borati omponents. i is "no evide	e qualified as VT ed water leakage ance of borated w	-2 visual examiners ar from alloy 600/82/182 rater leakage."	Id shall have completed a minimum of ? components and the resulting boric
			This B15.210 For additional	item is to b information	e examined ea n, contact Chris	ch refueling Cruz from I	outage. the Materials and	NDE Services Section	n, Nuclear Technical Services Division.

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cai Blocks	Companenet ID 2
Category Aug									
O2.B15.215.0013	2-PDB2-11 Class 1 50	ISI-OCN2-014 8&W146629E O-ISIN4-100A-2.1	NDE-70	VT-2	SS-CS		0.750 / 3.500		
Dissimilar									
			Nozzle to Saf 282 HPI Nozz Comments re 1EOC28 and Reference PII Comments re Beginning wit volumetric ex Pressure Inje for ASME Cod N-770-1 beca examinations examinations examination, Comments bu Per the requi Code Case N Bare Metal Vi Case N-722. Personnel pe four hours of	e End de Pc.46 to S vised per ON 1EOC31(bott P O-13-8562. vised per ON h 2EOC26, p aminations st ction (HPI) no de Case N-77 use the volur for the High I since it also r elow are for e rements of 10 -722 subject isual Inspection forming the v additional trai	Safe End Pc.4 IS2-128: Sind h in 5th interv IS2-121: er Note 5 of hall be accep bozzles for the 70-1. Therefo metric examin Pressure Inje receives a vo examinations CFR 50.55a to the condition by VT-2 q visual examin ining in detect	Table 1 of A table 1 of A table in lieu thermal fati re, no visual action (HPI) i lumetric exa prior to 2EC (g) (6) (ii) (ions specifie ualified insp nation shall t tion of bora	emined that sche sual for CC N-722 SME Code Case of the visual exan gue program (G2 I examinations an s the intent of the nozzles do not ha umination. C26: E), all licensees o d in paragraphs (ector per the requ be qualified as VT ted water leakage	Aduled UT exam for CC -1 would be needed to N-722-1 and Note 3 of nination. The volumetric 1 items) also meets the a required to be perform once per interval visual ve to be scheduled and f PWRs shall augment g) (6) (ii) (E) 2 through irements of applicable -2 visual examiners and from alloy 600/82/182	N-770-1 could be rescheduled to satisfy 4th interval requirements. ASME Code Case N-770-1, the c examinations performed for the High e volumetric examination requirements hed for ASME Code Cases N-722-1 and examination requirement. The visual d shall be considered an inactive their ISI program implementing ASME 4. item numbers listed in Table 1 of Code d shall have completed a minimum of components and the resulting boric
			acia corrosio Procedure NI This item is to For additiona	o radjacent DE 68, Accep D be examine I information,	ternic steel (stance Criteria d once per in contact Chris	components a is 'no evid Iterval. s Cruz from	ence of borated w the Materials and	rater leakage." NDE Services Section	, Nuclear Technical Services Division.

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component ID ISO/DWG Numbers Class / System	Procedure Description Comments	insp Rec	q Mat er ial	Sched	Thick/NPS	Cal Blocks	Compon ene t (D 2
Category Aug								
O2.B15.80.0001	2-RPV-BMI-NOZZLES							
	Class 1 50	NDE-69	VT-2	CS/Alloy 690		0.000 / 0.000		
·	O-ISIN4-100A-2.1							
Dissimilar								
		HPV Bottom Comments re Begining with other outage the Bottom H concerning th Comments be Per the requi Code Case N Bare Metal V Number B15. B15.80 items 600 transition B15.80 items Personnel pe four hours of acid corrosion Procedure ch For additional	Head BMI I vised per (2EOC26, i per the req ead and AI is exam sh elow are fo rements of 1-722 subje isual Inspe- 80). , bare meta sual Inspe- 80). , bare meta o weld betw are to be o rforming th additional to n of adjace anged from t informatio	Nozzles DNS2-121: a bare metal vis juirements of AS loy 600 Transitiv all be directed to r examinations p 10 CFR 50.55a ct to the condition ction by VT-2 qu al visual examina- cen the alloy 60 examined every e visual examina- training in detect in NDE-68 to ND m, contact Chris	ual examin SME Code (on Weld be o the NGO prior to 2EC (g)(6)(ii)(E), ons specific valified insp ations are c 0 tube and other refue ation shall i tion of bora omponents E-69 withou c Cruz from	ation by a qualified Case N-722-1. Th tween the Alloy 60 Corporate Program OC26: , all licensees of P ed in paragraphs (g ector of the BMI N on the reactor vess the stainless stee ling outage from the be qualified as VT- ted water leakage ut new QA-513J is the Materials and	I VT-2 inspector shall be bare metal visual e 0 Tube and the Stain ns Group. WRs shall augment i () (6) (ii) (E) 2 throug ozzles per the require el bottom head, bott tube. to start date. 2 visual examiners a from alloy 600/82/18 sued on ONS2-116. NDE Services Sectio	Il be performed on the BMI Nozzles every parmination shall include an inspection of nless Steel Tube. Any questions their ISI program implementing ASME h 4. rements of Code Case N-722. (Item om mounted instrument nozzles and alloy and shall have completed a minimum of 12 components and the resulting boric on, Nuclear Technical Services Division.

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Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / Syster	D ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.B4.40.0001	2-RPV-HEAD-	PEN							
	Class 1 50	OM-201-2271 O-ISIN4-100A-2.1	54-ISI-603	UŤ	CS/Alloy 690		0.000 / 0.000		
Dissimilar									
			Nozzle to Shu As specified i volumetric an Figure 2 of C performed. A vendor will (6) (ii) (0) (4) Acceptance (On 12-18-200 replace the e NRC Order I nozzle base i assessment I additional ink ER-ONS-04-4 A vendor will review and aj On 4-3-2008 (requested in OA-513J form On 12-18-200 items (O2.B4) Comments a If the required coverage. (R	ell in ASME Ca in ASME Ca in ASME Ca in a spec- cateria spec- D8 Rachel I xams requi EA-03-009 in material fro- by ultrasoni ormation, co D1. I have to be pproval. Rachel Do: QA-513J fi n ER-ONS- D8, Rachel .40.0001) v dded per O d coverage eference Pil ckness / NF	ode Case N-72 ce examination N-729-1. A dema contracted to p es shall be provi cified in ASME Doss submitted red by NRC-Orn requires ultraso m two inches al ic testing to dete ontact J.M. Shu e contracted to p ss submitted Q/ orm ER-ONS-0 08-04, the exam Doss submitted will replace O2.0 NS2-122: cannot be obta IP G-12-1476 a PS could not be	P-1, subject of pressure onstrated vo erform thes ded by the Code Case QA-513J for der EA-03-0 nic testing of bove the J-g armine if lea ping of the perform thes A-513J form 4-01) with th nination sch a QA-513J 311, 1,0001 ined by UT ind QA-513, validated, if	to the conditions e-retaining partial- olumetric or surface vendor and are su N-729-1 subject to mm ER-ONS-09-0 09 (Summary Nu- of each RPV head proove weld and co akage has occurre Metallurgy, Lab S se exams. Proceed to ER-ONS-08-04 to he requirements so vedule was change I form (ER-ONS-0 exams. See Plan alone, a surface in I ER-ONS-09-01 for this information i	specified in 10CFR penetration weld no be leak path assess edures shall be que bject to Duke's revious to the conditions in 1 to schedule these mber O2.G11.1.000 penetration nozzle ontinues to the bott d into (or a leak path ervices Group. The ures shall be provid hat replaced the red pecified in Code Ca ed." 9-01) to schedule U addenda ONS2.07 hspection (PT/ECT) Revision 1) s needed contact R	50.55a (g) (6) (ii) (D) (2) through (6), zzles. For coverage requirements see ment through all J-groove welds shall be alified in accordance with 10CFR50.55a (g) iew and approval. 10CFR50.55a (g) (6) (ii) (D) (2) through (6). augmented exams. These exams will 11). The area to be examined includes the om of the nozzle. There should be an th exist in) the interference fit zone. For se exams were requested on QA-513J form led by the vendor and are subject to Duke's quirements of NRC Order EA-03-009 ise N-729-1. As a result of the request on IT exams per Code Case N-729-1. These 6 and ONS-033.

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G12.2.0001	2-RPV-WR53 Class 1 50	ISI-OCN2-001 OM-1201-1528	54-ISI-823	UT	SS-CS		1.688 / 15.625	8034675	G12.002.001
Circumferential Terminal End Dissimilar									
			Nozzle to Safe RV A-Side Co Comments re Beginning with 2013 2EOC26 for Inspection reset the insp years and sha schedule for t interval.	a End bre Flood Noz: vised per ON: h 2EOC26, thi c Outage. The ltem B of Tab ection frequer all be categoris he nozzles (G	zie Pc. 17 to S2-121: e Core Flood te volumetric ble 1 of ASM ncy (per ONS zed as Inspe 512.2 items) :	Safe End P Nozzles an exams perf E Code Cas 22-119), Th ction Item E should occu	c. 89. W-Axis. e within scope of onned during the le N-770-1. The ese items shall b l per Table 1 of A r during the fall 2	the 10-year Reac 10 year RV ISI (i. Core Flood Nozzic 9 examined every SME Code Case f 016 2EOC29 Outs	tor Vessel (RV) ISI scheduled during the fall e. B5.10 items) also meets the requirements as were added to the 2EOC26 Outage to second inspection period not to exceed 7 4-770-1. The next volumetric examination age but will be reevaluated during the 5th
			Procedure to	be used will b	e determine	d after a Vei	ndor has been se	ected to perform	the Automated UT examination.
			Comments be Augmented Ir cannot excee	elow are for ex ispection Per d 6 years betw	kaminations (MRP-139. C ween examin	prior to 2EO ontact Jody ations.	C-26 Shuping for addi	lional information	on this examination. Examination schedule
			Atthough Exa G12.2 exam.(m was credite See ONS2-10	ed in 2EOC24 06 and 119)	4 it was deci	ded to reexamine	in 2EOC26 to all	gn with 10 year vessel exam and to reset the
			Comments at Thickness / N	lded per ONS PS validated	2-124: as shown on	Isometric. I	f actual Thicknes	s / NPS is needed	d a field measurement will be required.
Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component ID Class / Systen) ISO/DWG Numbers 1	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G12.2.0002	2-RPV-WR53A								
	Class 1 50	ISI-OCN2-001 OM-1201-1528	54-ISI-823	UT	SS-CS		1.688 / 15.625	8034675	G12.002.002
Circumferential									
Terminal End Dissimilar									
			Nozzle to Sal RV B-Side Co Comments re Beginning wit 2013 2EOC2 for Inspection reset the insp years and shi schedule for t interval.	te End pre Flood Noz wised per ON th 2EOC26, th 6 Outage. T 1 Item B of Ta vection freque all be categor the nozzles (6	zzle Pc. 17 to IS2-121: he Core Flood he volumetric able 1 of ASM ency (per ON) rized as Inspe G12.2 items)	Safe End F d Nozzles and c exams peri IE Code Cas S2-119). The action Item E should occu	Pc. 89. Y-Axis. The within scope of formed during the se N-770-1. The lese items shall b 3 per Table 1of A ir during the fall 2	the 10-year Reacto 10 year RV ISI (i.e Core Flood Nozzles e examined every s SME Code Case N- 016 2EOC29 Outag	r Vessel (RV) ISI scheduled during the fall . 85.10 items) also meets the requirements swere added to the 2EOC26 Outage to econd inspection period not to exceed 7 770-1. The next volumetric examination be but will be reevaluated during the 5th
			Procedure to	be used will l	be determine	d after a Ve	ndor has been se	lected to perform th	e Automated UT examination.
			Comments be Augmented la cannot excee	elow are for e nspection Pe id 6 years bet	examinations r MRP-139. C tween examin	prior to 2EC Contact Jody nations.)C-26 / Shuping for add	tional information o	n this examination. Examination schedule
			Although Exa G12.2 exam.	im was credit (See ONS2-1	ed in 2EOC2 106 and 119)	4 it was dec	ided to reexamine	e in 2EOC26 to alig	n with 10 year vessel exam and to reset the
			Comments a Thickness / N	dded per ON: IPS validated	S2-124: I as shown or	n Isometric.	If actual NPS is n	eeded a lield meas	urement will be required.

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Summary Num	Component II Class / Syster	D ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Component ID 2
Category Aug									
O2.G2.1.0001	2-PDB1-46								
	Class 1 50	ISI-OCN2-013 OM-1201-0969 O-ISIN4-100A-2.1	NDE-680	UT	CS		2.250 / NA	40350	G02.001.005C
			2B1 HPI Nozz Requirements	de Pc.46, Pe 5. This sched	rform UT on I ule cannot be	the nozzle in: changed wi	side radius (knu thout Engineerin	cide area). Reterenc g approval.	e Section 7 of the ISI Plan, General
			Comments ad Thickness val required.	ided per ONS lidated as sho	52-124: own on isome	etric for Piece	9 46 at Piece 44.	If actual thickness i	is needed a field measurement will be
O2.G2.1.0002	2-PDA2-46					· · · · · ·			
	Class 1 50	ISI-OCN2-012 OM-1201-0969 O-ISIN4-100A-2.1	NDE-680	UT	CS		2.250 / NA	40350	G02.001.005B
			2A2 Make-Up Requirments.	Nozzle Pc.4 This schedu	6. Perform U	IT on the noz changed with	zzle inside radiu: nout Engineering	s (knuckie area). Re 1 approval.	ference Section 7 of the ISI Plan, General
			Comments as Thickness val required.	ded per ONS lidated as sho	52-124: Swn on isome	atric for Piece	9 46 at Piece 44.	. If actual thickness i	is needed a field measurement will be
O2.G2.1.0003	2-PDA1-46								
	Class 1 50	ISI-OCN2-011 OM-1201-0969 O-ISIN4-100A-2.1	NDE-680	UT	CS		2.250 / NA	40350	G02.001.005A
			2A1 Make-Up	Nozzle Pc.4	6. Perform U	JT on the no	zzle inside radiu:	s (knuckle area). Re	ference Section 7 of the ISI Plan, General
			Requirements	s. This sched	lule cannot b	e changed w	rithout Engineeri	ng approval.	
			Comments ad Thickness val required.	ided per ONS lidated as sho	52-124: own on isome	atric for Piece	e 46 at Piece 44	. If actual thickness i	is needed a field measurement will be

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component ID Class / Systen	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G2.1.0004	2-PD82-46	<u> </u>							
	Class 1 50	ISI-OCN2-014 OM-1201-0969 O-ISIN4-100A-2.1	NDE-680	UT	CS		2.250 / NA	40350	G02.001.005D
			2B2 HPI Nozi Requirements	de Pc.46. Pe 5. This sched	erform UT on Jule cannot be	the nozzle i changed v	nside radius (knu vithout Engineerii	ckle area). Referen ng approval.	ce Section 7 of the ISI Plan, General
			Comments au Thickness val required.	ided per ON lidated as sh	S2-124: own on isome	etric for Piec	e 46 at Piece 44.	If actual thickness i	s needed a field measurement will be
O2.G2.1.0005	2RC-204-29	· · · · · · · · · · · · · · · · · · ·							
	Class 1 50	ISI-OCN2-011 OM-1201-0969 2RC-204	PDI-UT-10	UT	SS-CS		0.718 / 3.500	40416	G02.001.006A
Circumferential									
Dissimilar									
			Nozzle to Saf 2A1 Make-Up General Requ This weld war Comments au Thickness / N Comments au This weld war replaced.	e End Nozzle Pc.4 Jirements. T s cut out and doed per ON IPS validated doed per ON s previously t	46 to Sale En his schedule I welded back S2-124: d as shown ou S2-127: listed and exa	d Pc.47. Pe cannot be c in EOC-20. n Isometric. amined as 2-	nform UT on the i hanged without I The new weld is If actual Thicknes PDA1-11. Comp	nozzle to safe end w Engineering approva also listed as weld 2 as / NPS is needed a onent ID changed to	reld. Reference Section 7 of the ISI Plan, il. 29 on rev . 11 of iso 2RC-204. a field measurement will be required. 2RC-204-29 since weld was cut out and

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Component ID 2
Category Aug									
O2.G2.1.0006	2RC-203-22 Class 1 50	ISI-OCN2-012 OM-1201-0969 2RC-203	PDI-UT-10	UT	SS-CS		0.718 / 3.500	40416	G02.001.006B
Circumferential									
Dissimilar									
			Nozzle to Saf 2A2 Make-Up General Requ This weld was	e End Nozzle Pc.4 uirements. T s cut out and	16 to Safe En his schedule I welded back	d Pc.47. Pe cannot be cl in EOC-20.	rform UT on the hanged without I The new weld is	nozzie to safe end weld. Engineering approval. also listed as weld 22 o	Reference Section 7 of the ISI Plan, n rev . 10 of iso 2RC-203.
			Comments at Thickness / N	dded per ON IPS validated	S2-124: 1 as shown or	isometric. I	if actual Thickne:	s / NPS is needed a fie	ld measurement will be required.
			Comments a This weld was replaced.	dded per ON s previously l	S2-127: listed and exe	mined as 2.	PDA2-11. Comp	onent ID changed to 2R	C-203-22 since weld was cut out and
O2.G2.1.0007	2-PDB2-11 Class 1 50	ISI-OCN2-014 OM-1201-0969 O-ISIN4-100A-2.1	PDI-UT-10	UT	SS-CS		0.750 / 3.500	40416	G02.001.006D
Circumferential									
Dissimilar									
			Nozzle to Sa 2B2 HPI Noz General Req	fe End zle Pc.46 to uirements. 1	Safe End Pc. This schedule	47. Perform cannot be c	I UT on the nozzi hanged without	e to safe end weld. Refe Engineering approval.	arence Section 7 of the ISI Plan.
			Comments a Thickness / N	dded per ON NPS validated	IS2-124: d as shown o	n Isometric.	If actual Thickne	ss / NPS is needed a fie	ld measurement will be required.

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G2.1.0008	2RC-202-16	ISLOCN2.012					0.710 (0.500	40446	
		OM-1201-0969 2RC-202	201-01-10	UI	22-02		0.71873.500	40416	G02.001.006C
Circumferential									
Dissimilar									
			Nozzle to Safe 2B1 HPI Nozz This weld was Reference Se	e End de Pc.46 to S s cut out and ction 7 of the	Safe End Pc.4 welded back ISI Plan, Ge	7. Perform in EOC-20. neral Requi	UT on the nozzle The new weld is rements. This so	e to safe end weld. also listed as weld 1 :hedule cannot be cl	6 on rev . 8 of iso 2RC-202. hanged without Engineering approval.
			Comments ac Thickness / N	ided per ONS PS validated	52-124: as shown on	Isometric. I	f actual Thicknes	s / NPS is needed a	l field measurement will be required.
			Comments ac This weld was replaced.	lded per ONS previously li	S2-127: sted and exa	mined as 2-	PDB1-11. Comp	onent ID changed to	2RC-202-16 since weld was cut out and
O2.G2.1.0009	2-PDB1-47 Class 1 50	ISI-OCN2-013 OM-1201-0969 2RC-202	PDI-UT-10	UT	SS		0.718 / 3.500	40416	G02.001.007C
			Safe End Pc. safe end to pi Engineering a	47 adjoining I pe weld). Rel pproval.	HPI Nozzle 2 ference Secti	B1. Perform on 7 of the l	UT on the Safe SI Plan, General	End base metal (bet Requirements. This	ween the nozzle to safe end weld and the s schedule cannot be changed without
			Comments as Thickness val	Ided per ONS idated as sho	S2-124: Swn on Isome	etric. If actua	al thickness is ne	eded a field measur	ement will be required.

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2				
Category Aug													
O2.G2.1.0010	2-PDB2-47 Class 1 50	ISI-OCN2-014 OM-1201-0969 O-ISIN4-100A-2.1	PDI-UT-10 UT SS 0.750 / 3.500 40416										
			Sale End Pc. sale end to pi Engineering a	47 adjoining ipe weld). Re approval.	HPI Nozzie 2 ference Sect	B2. Perform ion 7 of the l	UT on the Safe I SI Plan, General	End base metal (bel Requirements. Thi	ween the nozzle to safe end weld and the s schedule cannot be changed without				
			Comments ac Thickness val	dded per ON lidated as sh	S2-124: own on Isom	etric. If actua	al thickness is ne	eded a field measur	ament will be required.				
			Comments ac NPS shown is	dded per ON s listed on IS	S2-127: I-OCN2-014 ;	as diameter.							
O2.G2.1.0011	2-PDA1-47 Class 1 50	ISI-OCN2-011 OM-1201-0969 2RC-204	PDI-UT-10	UT	SS		0.718 / 3.500	40416	G02.001.007A				
			Safe End Pc. and the safe of without Engin Comments at Thickness val	47 adjoining end to pipe v seering appro dded per ON lidated as sh	Make-Up No veld). Reteren val. S2-124: own on Isom	zzle 2A1. P nce Section etric. If actua	erform UT on the 7 of the ISt Plan, al thickness is ne	Sale End base mel General Requirame eded a lield measur	al (between the nozzle to safe end weld nts. This schedule cannot be changed ement will be required.				

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G2.1.0012	2-PDA2-47 Class 1 50	ISI-OCN2-012 OM-1201-0969 2RC-203	PDI-UT-10	UT	\$\$		0.718 / 3.500	40416	G02.001.007B
			Sale End Pc. and the sale e without Engin	47 adjoining I and to pipe w eering appro-	Make-Up Noz eld). Referen val.	zle 2A2. Pe ce Section 7	erform UT on the 7 of the ISI Plan,	Sale End base mel General Requireme	al (between the nozzle to safe end weld nts. This schedule cannot be changed
			Comments ac Thickness val	Ided per ONS idated as sho	52-124: own on Isome	etric. If actua	al thickness is ne	eded a field measur	ement will be required.
O2.G2.1.0013	2RC-204-37 Class 1 50	2RC-204 OM-1201-0969 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G02.001.008A
Circumferential									
			Sale End to F Make-Up Noz Weld 2RC-20 Weld 2RC-20 Reference Se Note: The ins Comments ad	Pipe Izle 2A1. Per 4-18 was cut 4-28 was cut ction 7 of the pection perfo Ided per ONS	form UT on t out and replication out and replication of SI Plan, Ge mode for this S2-124:	weld 2RC-20 aced with we aced with we meral Requi G02 item n	04-37 and adjoinin eld 2RC-204-28 d eld 2RC-204-37 d irements. This so umber will satisfy	ng base metal out to luring EOC-20. luring EOC-23. thedule cannot be c the requirements fo	o weld 2RC-204-20 (at valve 2HP-127). hanged without Engineering approval. or G04.001.029(O2.G4.1.0024).
			Thickness va	idated as shi	own on Isom	etric. If actua	al thickness is ne	eded a field measu	ement will be required.

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / Syster	ponent ID ISO/DWG Numbers Procedure Insp Reg Material Sched Thick/NPS Cal Blocks Compon s / System Description Comments									
Category Aug											
O2.G2.1.0014	2RC-202-17							_			
	Class 1 50	2RC-202 OM-1201-0969 O-ISIN4-100A-2.1	NDE-995	NDE-995 UI	SS		0.375 / 2.500	40378	G02.001.008C		
Circumferential											
			Safe End to F HPI Nozzle 2 Reference Se Weld 2RC-20 This schedul Inspection pe	Dipe B1. Perform action 7 of the 2-1 was cut (a cannot be (orformed for the control of the con	UT on weld a ISI Plan, Ge but and repla changed with his G02 item	2RC-202-17 eneral Requiced with we nout Engine number wili	and adjoining ba irements. Id 2RC-202-17 du aring approval. satisfy the requir	se metal out to weld 2R Iring EOC-20. ements for G04.001.001	IC-202-19 (at valve 2HP-153). 1.		
			Comments a Thickness va	dded per ON lidated as sh	S2-124: own on isom	etric. If actu	el thickness is ne	eded a field measureme	ent will be required.		
O2.G2.1.0015	2RC-203-32					<u>.</u>	<u> </u>				
	Class 1 50	2RC-203 OM-1201-0969 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G02.001.008E		
Circumferential											
			Sale End to I Make-Up No: Reference Si Weld 2RC-20 Weld 2RC-20 Note: The ins O2.G4.1.002	Pipe zzle 2A2. Pe ection 7 of the 03-2 was cut 03-21 was cu spection perfe 2).	rform UT on e ISI Plan, G out and repla t out and rep ormed for this	weld 2RC-2 eneral Requ aced with we laced with w s G02 item r	03-32 and adjoini irements. This s Id 2RC-203-21 d reld 2RC-203-32 iumber will satisfy	ng base metal out to we chedule cannot be chan uring EOC-20. during EOC-23. r the requirements for G	ald 2RC-203-3 (at valve 2HP-126). ged without Engineering approval. 604.001.027(Summary Number		
			Comments a Thickness va	dded per ON Ilidated as sh	S2-124: Iown on Ison	netric. If actu	al thickness is ne	eded a field measurem	ent will be required.		

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Summary Num	Component II Class / Syster	D ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G2.1.0016	2RC-205-1 Class 1 50	2RC-205 OM-1201-0969 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G02.001.008D
Circumferential									
			Safe End to F HPI Nozzle 2 Section 7 of t Note: The ins	^P ipe B2. Perform he ISI Plan, (pection perfo	UT on weld 2 General Requ rmed for this	RC-205-1 a prements. T G02 item nu	nd adjoining bas his schedule car umber will satisfy	e metal out to weld 2R0 mot be changed withou the requirements for G	C-205-3 (at valve 2HP-152). Reference It Engineering approval. 604.001.004.
			Comments as Thickness val	ided per ON: lidated as she	52-124: own on Isomi	etric. If actua	ll thickness is ne	eded a lield measurem	ent will be required.
O2.G2.1.0017	2RC-203-3 Class 1 50	2RC-203 OM-1201-0969 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G02.001.010B
Circumferential			Pipe to Valve Make-Up Noz Requirement Note: The ins	zzle 2A2. Pe s. This sche spection perfo	form UT on t dule cannot b mmed for this	weld 2RC-20 le changed v ; G02 item n)3-3 at valve 2HF vithout Engineer umber will satisfy	P-126. Reference Section ing approval. In the requirements for G	on 7 of the ISI Plan, General 304.001.028.
O2.G2.1.0018	2RC-202-19 Class 1 50	2RC-202 OM-1201-0969 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G02.001.010C
Circumferential			Pipe to Valve HPI Nozzle 2 This schedule Weld 2RC-20 Note: The ins	B1. Perform e cannot be c 2-3 was cut spection perfo	UT on weld a hanged with out and repla prmed for this	2RC-202-19 but Enginee ced with wel GO2 item n	at valve 2HP-15 ring approval. d 2RC-202-19 di umber will satisfy	3. Reference Section 7 uring EOC-20. y the requirements for C	of the ISI Plan, General Requirements. 604.001.003.

Summary Num	Component IE Class / System	ISO/DWG Numbers	Procedure Description Comments	Іпар Вед	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G2.1.0019	2RC-204-20 Class 1 50	2RC-204 OM-1201-0969 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G02.001.010A
Circumferential									
			Pipe to Valve Make-Up Noz Requirements Note: The ins	zie 2A1. Per s. This sched pection perio	form UT on t tule cannot b armed for this	weld 2RC-20 e changed v G02 item n	14-20 at valve 2H vithout Engineer umber will satisfy	P-127. Reference Sectio ing approval. the requirements for G0	n 7 of the ISI Plan, General 14.001.030.
O2.G2.1.0020	2RC-205-3 Class 1 50	2RC-205 OM-1201-0969 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G02.001.010Đ
Circumferential									
			Pipe to Valve HPI Nozzie 2 This schedule Note: The ins	B2. Perform e cannot be c spection perfo	UT on weld a changed with comed for this	2RC-205-3 a but Enginee GO2 item n	it valve 2HP-152 ring approval. umber will satisfy	. Reference Section 7 of y the requirements for GC	the ISI Plan, General Requirements. 04.001.006.
O2.G2.1.0021	2A2 THERM-S Class 1 50	GLEEVE ISI OCN2-012 OM-1201-0969 O-ISIN4-100A-2.1	NDE-105	RT	SS		0.750 / NA		G02.001.011B
Circumferential									
			Make-Up No: as described changed with Comments a	zzle 2A2, Pe in Procedure iout Enginee dded per ON	nform RT bet NDE-105. R ring approval S2-124:	ween the na teference Se I.	zzle to safe end action 7 of the IS	and sale end to pipe wel Plan, General Requirem	d in the thermal sleeve expansion area nents. This schedule cannot be
			Thickness va	lidated as sh	iown on Isom	etric. If actu	al thickness is ne	eded a field measureme	nt will be required.

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / Syster) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G2.1.0022	2B1 THERM-S Class 1 50	SLEEVE ISI OCN2-013 OM-1201-0969 O-ISIN4-100A-2.1	NDE-105	RT	SS		0.750 / NA	. <u></u>	G02.001.011C
Circumferential									
			HPI Nozzle 2 described in F without Engin	B1. Perform Procedure NE neering appro	RT between DE-105. Refer wal.	the nozzle to rence Sectio	safe end and se n 7 of the ISI Pla	afe end to pipe weld in the In, General Requirements	e thermal sleeve expansion area as a. This schedule cannot be changed
			Comments ac Thickness val	ided per ONS	S2-124: own on Isome	etric. If actua	l thickness is ne	eded a field measuremen	t will be required.
O2.G2.1.0023	2A1 THERM-S	SLEEVE							
	Class 1 50	ISI OCN2-011 OM-1201-0969 O-ISIN4-100A-2.1	NDE-105	RT	SS		0.750 / NA		G02.001.011A
Circumferential									
			Make-Up Noz as described changed with	zle 2A1. Per in Procedure out Engineer	rform RT betv NDE-105. Re ring approval.	ween the noz eference Sec	zie to sale end a ction 7 of the ISI	and sale end to pipe weld Plan, General Requireme	in the thermal sleeve expansion area ants. This schedule cannot be
			Comments as Thickness val	ided per ON: lidated as she	S2-124: own on Isome	etric. If actua	l thickness is ne	eded a field measuremen	it will be required.

Summary Num	Component II Class / System	ISO/DWG Numbers	Procedure Description	tnsp Req	Material	Sched	Thick/NPS	Cai Blocks	Component ID 2
Category Aug			çomitçitte						
O2.G2.1.0024	2B2 THERM-S	LEEVE							
	Class 1 50	ISI OCN2-014 OM-1201-0969 O-ISIN4-100A-2.1	NDE-105	RT	SS		0.750 / NA		G02.001.011D
Circumferential									
			HPI Nozzle 21 described in F without Engir	32. Perform Procedure NE neering appro	RT between 1 DE-105, Refei wal,	the nozzle to rence Section	sate end and sa n 7 of the ISI Pla	afe end to pipe weld in In, General Requireme	the thermal sleeve expansion area as ints. This schedule cannot be changed
			Comments as Thickness val	ided per ONS idated as shi	S2-124: own on Isome	etric. If actua	l thickness is ne	eded a field measurem	ent will be required.
Q2.G4.1.0001	2RC-202-17		· · · · · · · · · · · · · · · · · · ·						
	Class 1 51A	2RC-202 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.001
Circumferential									
			Pipe to Safe Inspect 100% 51A-39 was Weld 2RC-20 Note: The ins	End of weld & 1* redrawn, Ref 2-1 was cut (pection perfo	of base mate erence Sectio out and replace ormed for G02	ntal (axial & o on 7 of the IS ced with weak 2.001.008C v	circumferential). Il Plan, General I 2RC-202-17 du vill satisfy the red	This weld was listed p Requirements. Iring EOC-20. quirements for this GO4	neviously as 2-51A-39-90C until iso 2- 4 inspection.
O2.G4.1.0002	2RC-202-19		•		<u></u>				
	Class 1 51A	2RC-202 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.003
Circumferential									
			Pipe to Valve Inspect 100% 39 was redra Weld 2RC-20 Note: The ins	2HP-153 of weld & 1" wn. Reference 2-3 was cut of pection perfo	of base mate ce Section 7 out and replay primed for G02	erial (exial & of of the ISI Pta ced with weak 2.001.010C v	circumferential). n, General Requ 1 2RC-202-19 du vill satisfy the rec	This weld was listed pr tirements. tring EOC-20. quirements for this GO4	reviously as 2-51A-39-91 until iso 2-51A- 4 inspection.

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Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G4.1.0003	2RC-205-1	·····							
	Class 1 50	2RC-205 O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.004
Circumferential									
			Pipe to Safe-I Inspect 100% 51A-39 was I Note: The ins	End of weld & 1* (redrawn, Refe pection perfo	of base mate erence Sectio med for G02	rial (axial & (on 7 of the 15 2.001.008D v	circumferential). SI Plan, General will satisfy the rec	This weld was listed previo Requirements. quirements for this G04 ins	busty as 2-51 A-39-92A until iso 2- spection.
O2.G4.1.0004	2RC-205-3								
	Class 1 51A	2RC-205 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.006
Circumferential									
			Pipe to Valve Inspect 100% 39 was redra Note: The ins	2HP-152 of weld & 1* (wn. Reference pection perio	of base mate e Section 7 c rmed for G02	rial (axial &) of the (SI Pla 2.001.010D v	circumferential). In, General Requ vill satisfy the rec	This weld was listed previous inements. puirements for this GD4 ins	ously as 2-51A-39-93 until iso 2-51A- spection.
O2.G4.1.0005	2HP-218-18	<u></u>							
	Class 1 51A	2HP-218 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.007
Circumferential									
			Elbow to Pipe Inspect 100% 27 (2) was re Reference Se Hanger 51A-0	of weld & 1* (drawn. ction 7 of the -1479A-H13	of base mate ISI Plan, Ge 3 needs to be	nial (axial & (neral Requir moved in o	circumferential). rements. rder to perform t	This weld was listed previo he examination for O2.G4	ousty as 2-51A-27-73 until iso 2-51A- .1.0005.

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cat Blocks	Componenet ID 2
Category Aug					····				
O2.G4.1.0006	2HP-214-13								
	Class 1 51A	2HP-214	NDE-995	UT	SS		0.375 / 2.500	Component	G04.001.010
		0-131114-1017-2.4						40378	
Circumferential									
			Pipe to Elbow Inspect 100% 27 (3) was re	of weld & 1* drawn. Refe	of base mate rence Section	rial (axial & 17 of the ISI	circumferential). Plan, General R	This weld was listed prev equirements.	iously as 2-51A-27-108 until iso 2-51A-
O2.G4.1.0007	2HP-214-15								
	Class 1 51A	2HP-214 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.011
Circumferential									
			Pipe to Valve Inspect 100% outage 15 and	2HP-488 of weld & 1° d replaced a:	of base mai s 2HP-214-15	terial (axial 8 5. Reference	circumferential) Section 7 of the). This weld was originally ISI Plan, General Requir	2-51A-27-110. It was cut out during ements.
O2.G4.1.0012	2HP-214-14								
	Class 1 51A	2HP-214 0-151N4-101A-24	NDE-995	UT	SS		0.375 / 2.500	Component	G04.001.017
		0-13/14-1014-2.4						40378	
Circumferential									
			Elbow to Pipe Inspect 100% 51A-27 (3) w	of weld & 1° as redrawn.	of base mai Reference S	terial (axial 8 ection 7 of ti	circumferential) he ISI Plan, Gen). This weld was listed pre eral Requirements.	rviously as 2-51A-27-109 until iso 2-

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component IE Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G4.1.0013	2HP-216-7								
	Class 1 51A	2HP-216 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.018
Circumferential									
			Pipe to Elbow Inspect 100% 30 was redrav	of weld & 1' wn. Referenc	of base mate Section 7 o	erial (axial & If the ISI Pla	circumferential). n, General Requ	This weld was listed pr irements.	eviously as 2-51A-30-51 until iso 2-51A-
O2.G4.1.0014	2HP-216-8							······	
	Class 1 51A	2HP-216 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.019
Circumferential									
			Elbow to Pipe Inspect 100% 30 was redrav	of weld & 1 wn. Reference	' of base mate e Section 7 o	erial (axial & f the ISI Pla	circumferential). n, General Requi	This weld was listed pri irements.	eviously as 2-51A-30-52 until iso 2-51A-
O2.G4.1.0015	2HP-216-9	<u> </u>							
	Class 1 51A	2HP-216 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.020
Circumferential									
			Pipe to Valve Inspect 100% 30 was redrav	2HP-486 of weld & 1' wn. Reference	of base mate	erial (axial & If the ISI Pla	circumferential). n, General Requi	This weld was listed pri irements.	evicusly as 2-51A-30-54 until iso 2-51A-

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G4.1.0016	2HP-217-10								
	Class 1 51A	2HP-217 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.021
Circumferential									
			Pipe to Elbow Inspect 100% 30 was redrav	of weld & 1" vn. Reference	of base mate e Section 7 o	erial (axial & f the ISI Plar	circumferential). n, General Requ	This weld was listed irements.	previously as 2-51A-30-28 until iso 2-51A-
O2.G4.1.0017	2HP-217-11	<u></u>							
	Class 1 51A	2HP-217 O-ISIN4-101A-2.4	NDE- 9 95	UT	SS		0.375 / 2.500	Component 40378	G04.001.022
Circumferential									
			Elbow to Pipe Inspect 100% 30 was redrav	of weld & 1* vn. Reference	of base mate a Section 7 o	erial (axial & f the ISI Plar	circumferential). n, General Requ	This weld was listed irements.	previously as 2-51A-30-29 until iso 2-51A-
O2.G4.1.0018	2HP-217-12			<u> </u>					
	Class 1 51A	2HP-217 O-ISIN4-101A-2.4	NDE- 99 5	UT	SS		0.375 / 2.500	Component 40378	G04.001.023
Circumferential									
			Pipe to Valve Inspect 100% 30 was redrav	2HP-487 of weld & 1" m. Reference	of base mate a Section 7 of	rial (axial & i the ISI Plar	circumferential). 1, General Requi	This weld was listed rements.	previously as 2-51A-30-31 until iso 2-51A-

Summary Num	Component IE Class / System) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Calegory Aug		 						<u> </u>	
O2.G4.1.0019	2HP-218-20	0117 010							
	CIESS 1 51A	2HP-218 O-ISIN4-101A-2.4	NDE-995	UT	\$S		0.375 / 2.500	Component 40378	G04.001.024
Circumferential									
			Pipe to Elbow Inspect 100% 27 (2) was rec	of weld & 1" trawn. Refere	of base mate	erial (axial & 7 of the ISI	circumferential). Plan, General Re	This weld was listed quirements.	l previously as 2-51A-27-79 until iso 2-51A-
O2.G4.1.0020	2HP-218-21			·····		· · · · · · · · · · · · · · · · · · ·	<u> </u>		
	Class 1 51A	2HP-218 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.025
Circumferential									
			Elbow to Pipe Inspect 100% 27 (2) was rec	of weld & 1* Irawn. Refere	of base mat ance Section	erial (axial & 7 of the ISI	circumferential) Plan, General R	. This weld was lister equirements.	d previously as 2–51A–27–80 until iso 2–51A–
02 64 1 0021	2HP-218-22								······································
	Class 1 51A	2HP-218 O-ISIN4-101A-2.4	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.026
Circumferential									
			Pipe to Valve Inspect 100%	2HP-489 of weld & 1"	of base mate	erial (axial &	circumferential).	Reference Section	7 of the ISI Plan, General Requirements.

Summary Num	Component II Class / Syster) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug		·····							
O2.G4.1.0022	2RC-203-32								
	Class 1 50	2RC-203 B&W146629E O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.027
Circumferential									
			Safe End to F Inspect 100% Weld 2RC-20 Weld 2RC-20 Note: The ins inspection.	ipe of weld & 1 3-2 was cut o 3-21 was cut pection perfo	of base mai but and repla out and repla rmed for GO2	terial (axial 8 ced with we aced with we 2.001.008B((li circumførential) d 2RC-203-21 dl ald 2RC-203-32 d O2.G2.1.0015) w	Reference Section 7 uring EOC-20. Juring EOC-23. ill satisfy the requirem	of the ISI Plan, General Requirements. ents for this G4 (O2.G4.1.0022)
O2.G4.1.0023	2RC-203-3								
	Class 1 50	2RC-203 B&W146629E O-ISIN4-100A-2.1	NDE- 99 5	UT	SS		0.375 / 2.500	Component 40378	G04.001.028
Circumferential									
			Pipe to Valve Inspect 100% Note: The ins	2HP-126 of weld & 1" pection perfo	of base ma med for G03	terlal (axial 8 2.001.010B 1	L circumferential) will satisfy the red). Reference Section 2 quirements for this G0	7 of the ISI Plan, General Requirements. 4 inspection.
O2.G4.1.0024	2BC-204-37					<u></u>			
	Class 1 50	2RC-204 B&W146629E O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.029
Circumferential									• •
			Sale End to F Inspect 100% Weld 2RC-20 Weld 2RC-20 Note: The ins inspection.	Pipe of weld & 1 4-18 was cul 4-28 was cul pection perfo	of base ma tout and repl tout and repl tout and repl comed for GO	terial (axial & aced with w aced with w 2.001.008A(& circumferential) eld 2RC-204-28 (eld 2RC-204-37 (Summary Numb)). Reference Section 3 Juring EOC-20. Juring EOC-23 per Re er O2.G2.1.0013) will s	7 of the ISI Plan, General Requirements. vison 15 of Iso 2RC-204. satisfy the requirements for this G4

Summary Num	Component IE Class / System) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category Aug									
O2.G4.1.0025	2RC-204-20								<u> </u>
	Class 1 50	2RC-204 B&W146629E O-ISIN4-100A-2.1	NDE-995	UT	SS		0.375 / 2.500	Component 40378	G04.001.030
Circumferential									
Category R-A			Pipe to Valve Inspect 100% Inspect this w Note: The ins	2HP-127 of weld & 1" reld at the sam pection perfo	of base mate me time item med for the	erial (axial & number G03 G02 item nu	circumferential). 2.001.010A is ins umber will be suff	Reference Section pected. icient to meet the re	a 7 of the ISI Plan, General Requirements. Equirements for the G04 inspection.
02 B1 11 0001	2-PPV-WP1A								
02.01.11.0001	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-801	UT	CS		9.500 / 170.630	95001	B01.011.001
Circumferential									
			Shell to Shell Reactor Vess	el Upper She	ell Forging Pc	. 87 to Inten	mediate Shell Fo	rging Pc. 165.	
			A vendor that	is PDI qualif	ied for remote	e automated	UT examination	s will have to be con	ntracted to perform this inspection.
			Comments as Thickness / N	Ided per ON IPS validated	S2-124: as shown or	i Isometric li	isted. If actual thi	ckness is needed a	field measurement will be required.

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / System	D ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cel Blocks	Componenst ID 2
Category B-A									
O2.B1.11.0002	2-RPV-WR1								
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-801	UT	CS		9.500 / 170.630	95001	B01.011.002
Circumferential									
			Shell to Shell Reactor Vess	el Intermedia	te Shell Forg	jing Pc. 165	to Lower Shell Fo	nging Pc. 166.	
			A vendor that	is PDI qualifi	ed for remot	e automateo	d UT examinations	will have to be co	ntracted to perform this inspection.
			Comments ad Thickness / N	lded per ONS PS validated	52-124: as shown or	n Isometric I	listed. If actual thic	kness is needed a	field measurement will be required.
O2.B1.11.0003	2-RPV-WR18								
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-801	UT	CS		12.000 / 167.630	95001	B01.011.003
Circumferential									
			Shell to Shell Reactor Vess	el Upper She	II Forging Po	:. 86 to Upp	er Shell Forging P	c. 87.	
			A vendor that	is PDI qualifi	ied for remot	e automate	d UT examination:	s will have to be co	ntracted to perform this inspection.
			Comments as Thickness / N	ded per ONS PS validated	52-124: as shown o	n Isometric 1	listed. If actual this	kness is needed a	i field measurement will be required.

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-A									
O2.B1.11.0004	2-RPV-WR34								
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-801	UT	CS		5.500 / 170.250	95001	B01.011.004
Circumferential									
			Transition Pie Reactor Vess	ce to Shell el Transition I	Piece Pc. 36	to Lower SI	nell Forging Pc. 16	6.	
			A vendor that	is PDI qualifi	ed for remote	automated	UT examinations	will have to be co	intracted to perform this inspection.
			Comments ad Thickness / N	lded per ONS PS validated	52-124: as shown on	Isometric li	isted. If actual thic	kness is needed a	a field measurement will be required.
O2.B1.21.0001	2-RPV-WR35	••••••••			Tialita ia				
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-801	UT	CS		5.375 / 143.000	95001	B01.021.002
Circumferential									
			Transition Pie Reactor Vess	ce to Head el Transition	Piece Pc. 36	to Lower H	ead Pc. 6.		
			A vendor that	is PDI qualifi	ied for remote	e automated	UT examinations	will have to be co	ontracted to perform this inspection.
			Comments ad Thickness / N	ided per ONS iPS validated	S2-124: as shown on	Isometric I	isted. If actual thic	kness is needed	a field measurement will be required.

Oconee 2, 4th interval, outage 6 (EOC-26)

Summary Num	Component IE Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-A									
O2.B1.30.0001	2-RPV-WR19 Class 1 50	O-ISIN4-100A-2.1	54-ISI-801	UT	CS		12.000 / 167.630	95001	B01.030.001,
		ISI-OCN2-001 OM-1201-454							B01.030.001Å
Circumferential									
			Sheli to Flang Reactor Vess (B01.030.001	je el Upper She A) Inspect fro	ell Forging Po om Flange Si	. 86 to Flan unface. (mar	ge Pc. 7. (B01.03 1ual scan)	0.001) Inspect fro	m Vessel ID.(automated scan)
			For the exami have to be co	ination perfor Intracted to p	med during t erform this in	he third per spection.	iod, a vendor that	is PDI qualified to	r remote automated UT examinations will
			Comments au Thickness / N	ded per ON: IPS validated	S2-124: Las shown or	n Isometric I	listed. If actual thic	kness is needed	a lield measurement will be required.
Category B-B					<u> </u>				
O2.B2.51.0001	2-LDCB-OUT-	WJ35V							
	Class 1 51A	O-ISIN4-101A-2.1 1-N37804-2 OM-201-3276	NDE-3630	UT	SS		0.875 / 8.625	40411	B02.051.001
Circumferential									
			Head to Head Letdown Cool Component I	i ler 2B Outlet D was chang	Channel Boo ed from 2-LD	ty Pc. 3 to (CB-OUT-V	Cap Pc. 15. 6 to 2-LDCB-OUT-	WJ35V per Isom	etric 1-N37804-2 Revision 0.
			Comments as Thickness vai listed is show	dded per ON Jidated as sh m as a refere	S2-124: wwn on vend ance dimensio	or drawing l on on vendo	isted. If actual thic or drawing listed in	kness is needed (plan.	a field measurement will be required. NPS

Oconee 2, 4th Interval, outage 6 (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 B-B		-							
O2.82.51.0002	2-LDCB-IN-WJ	32V							
	Class 1 51A	O-ISIN4-101A-2.1 1-N37804-2 OM-201-3276	NDE-3630	UT	SS		0.875 / 8.625	40411	802.051.002
Circumferential									
			Head to Head Letdown Cool Component II	l er 2B Inlet C) was change	hannel Body ad from 2-LD	Pc. 3 to Car CB-IN-V5 to) Pc. 15. 2-LDCB-IN-WJ3	2V per Isometric 1-	N37804-2 Revision 0.
			Comments ac Thickness val listed is show	Ided per ONS idated as sho n as a referei	52-124: own on venda nce dimensio	or drawing lis n on vendor	sted. If actual thic drawing listed in	kness is needed a plan.	field measurement will be required. NPS
O2.B2.60.0001	2-LDCB-IN-WJ	31V							
	Class 1 51A	O-ISIN4-101A-2.1 1-N37804-2 OM-201-3276	NDE-3630	UT	SS		0.875 / 8.625	40411	B02.060.001
Circumferential									
			Tubesheet to Letdown Cool Component I	Head ler 28 Inlet Ti D was change	ubesheet Pc. ed from 2-LD	2 to Channe CB-IN-V3 to	el Body Pc. 3. 2-LDCB-IN-WJ3	1V per Isometric 1-	N37804-2 Revision 0.
			Comments ac Thickness val listed is show	ided per ONS lidated as sho n as a refere	52-124: own on venda nce dimensio	or drawing lis In on vendor	sted. If actual thic drawing listed in	kness is needed a plan.	field measurement will be required. NPS

Summary Num	Component (E Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cai Blocks	Componenet ID 2
Category B-B									
O2.B2.60.0002	2-LDCB-OUT-	WJ34V				·····			
	Class 1 51A	O-ISIN4-101A-2.1 1-N37804-2 OM-201-3276	NDE-3630	UT	SS		0.875 / 8.625	40411	B02.060.002
Circumferential									
			Tubesheet to Letdown Coo Component II	Head Ier 2B Outlet D was chang	Tubesheet P Jed from 2-LD	c. 2 to Char CB-OUT-V4	nnei Body Pc. 3. I to 2-LDCB-OUT	-WJ34V per Isometric	c 1-N37804-2 Revision 0.
			Comments a Thickness va listed is show	dded per ON lidated as sh m as a refere	S2-124; Iown on vend Ince dimensio	or drawing li on on vendo	sted. If actual thi r drawing listed ir	ckness is needed a lie 1 plan.	eld measurement will be required. NPS
Category B-D									
O2.B3.100.0001	2-RPV-WR13			*•••					
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-364	VT-1	CS		12.000 / 60.000)	B03.100.001
			Nozzle to Ve RV Outlet No inspection wi	ssel izzle Pc. 19 t li be perform	o Upper Shel ed in lieu of L	I Forging Pc JT inspection	:. 86 and Pc. 87. n per Code Case	X Axis. (Inside Radia N-648-1.	us Section) An enhanced VT-1 (EVT-1)
			A vendor that perform this i	t is qualified inspection.	for remote au	tomated Vis	ual examinations	(Enhanced VT-1 and	s VT-3) will have to be contracted to
			Comments a Thickness va shown as the	dded per ON lidated as sh diameter on	IS2-124: Nown on isom I isometric lis	etric listed, l ted in plan.	factual thicknes	s is needed a field me	asurement will be required. NPS listed is

Ocones 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component (C Class / Syster) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
O2 P2 100 0000									<u></u>
02.83.100.0002	Class 1 50	0-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-36 4	VT- 1	CS		12.000 / 60.000		B03.100.002
			Nozzle to Ves RV Outlet Noz inspection will	sel zzle Pc. 19 to l be performe	Upper Shell d in lieu of U	Forging Pc. T inspection	. 86 and Pc. 87. 2 I per Code Case N	Axis. (Inside Radius I-648-1.	Section) An enhanced VT-1 (EVT-1)
			A vendor that perform this inspection.	is qualified fo	er remote aut	omated Vis	ual examinations (Enhanced VT-1 and V	T-3) will have to be contracted to
			Comments ad Thickness val shown as the	lded per ONS idated as sho diameter on i	2-124: wn on isome sometric liste	itric listed. Il ad in plan.	actual thickness i	is needed a field meas	urement will be required. NPS listed is
O2.B3.100.0003	2-RPV-WR12 Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-364	VT-1	cs		12.000 / 48.000		B03.100.003
			Nozzie to Ves RV Inlet Nozz (EVT-1) inspe	sel le Pc. 18 to L ction will be p	ipper Shell F berformed in	orging Pc. 8 lieu of UT ir	6 and Pc. 87. W- spection per Code	X Quadrant. (Inside F 9 Case N-648-1.	Radius Section) An enhanced VT-1
			A vendor that perform this in	is qualified fo	or remote aut	omated Visi	ual examinations (Enhanced VT-1 and V	T-3) will have to be contracted to
			Comments ad Thickness vali shown as the	lded per ONS idated as sho diameter on i	2-124: wn on isome sometric liste	etric listed. Il ed in plan.	actual thickness i	s needed a field meas	urement will be required. NPS listed is

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenst ID 2
Category B-D									
O2.B3.100.0004	2-RPV-WR12/	A							
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-364	VT -1	CS		12.000 / 48.000		B03.100.004
			Nozzle to Ves RV Inlet Nozz (EVT-1) inspe	isel de Pc. 18 to l action will be	Upper Shell f performed in	Forging Pc. lieu of UT i	86 and Pc. 87. X- inspection per Cod	Y Quadrant. (Inside Ra le Case N-648-1.	adius Section) An enhanced VT-1
			A vendor that perform this is	is qualified \$	or remote au	tomated Vis	sual examinations ((Enhanced VT-1 and VT	-3) will have to be contracted to
			Comments as Thickness va shown as the	ded per ON lidated as sh diameter on	S2-124: own on isomo isometric list	etric listed. ted in plan.	lf actual thickness	is needed a field measu	rement will be required. NPS listed is
O2.B3.100.0005	2-RPV-WR12	3							
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-364	VT-1	CS		12.000 / 48.000		B03.100.005
			Nozzle to Ve: RV Inlet Noz 1) inspection	ssel de Pc. 18 to l will be perfor	Upper Shell I med in lieu o	Forging Pc. of UT inspec	86 and Pc. 87. Y- tion per Code Cas	Z Quadrant. (Inside Ra e N-648-1.	dius Section) An enhanced VT-1 (EVT-
			A vendor that perform this i	t is qualified f	or remote au	tomated Vi	sual examinations	(Enhanced VT-1 and VT	-3) will have to be contracted to
			Comments a Thickness va shown as the	dded per ON lidated as sh diameter on	S2-124: own on isom isometric lis	etric listed. ted in plan.	If actual thickness	is needed a field measu	rement will be required. NPS listed is

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2			
Category B-D												
O2.B3.100.0006	2-RPV-WR12C											
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-364	VT-1	CS		12.000 / 48.000		B03,100.006			
			Nozzle to Ves RV Inlet Nozz (EVT-1) inspe	adius Section) An enhanced VT-1								
			A vendor that is qualified for remote automated Visual examinations (Enhanced VT-1 and VT-3) will have to be contracted to perform this inspection.									
			Comments ac Thickness val shown as the	lded per ONS idated as sho diameter on i	82-124: own on isome isometric liste	atric listed. I ed in plan.	factual thickness	is needed a field measu	rement will be required. NPS listed is			
O2.B3.100.0007	2-RPV-WR54											
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-364	VT-1	CS		12.000 / 25.000		B03.100.007			
			Nozzle to Ves RV Core Floo inspection wil	isel Id Nozzle Pc. 1 be performe	17 to Upper Id in lieu of U	Shell Forgir T inspection	ng Pc. 86. W Axis In per Code Case I	. (Inside Radius Sectio N-648-1.	n) An enhanced VT-1 (EVT-1)			
			A vendor that perform this in	is qualified for nspection.	or remote au	tomated Vis	ual examinations	(Enhanced VT-1 and VT	-3) will have to be contracted to			
			Comments as Thickness val shown as the	dded per ONS lidated as sho diameter on	52-124: own on isome isometric list	etric listed. I ed in plan.	f actual thickness	is needed a field measu	rement will be required. NPS listed is			

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-D			Commente						
O2.B3.100.0008	2-RPV-WR54A								
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-384	VT-1	CS		12.000 / 25.000		B03.100.008
			Nozzle to Ves RV Core Floo Inspection will	sel d Nozzle Pc. be performe	17 to Upper d in lieu of U	Shell Forgin T inspection	g Pc. 86. Y Axis. per Code Case M	(Inside Radius Seci I-648-1.	tion) An enhanced VT-1 (EVT-1)
			A vendor that perform this in	is qualified fo spection.	or remote aut	omated Visu	al examinations (Enhanced VT-1 and V	/T-3) will have to be contracted to
			Comments ad Thickness val shown as the	ided per ONS idated as sho diameter on i	62-124: wn on isome isometric liste	itric listed. If ad in plan.	actual thickness i	is needed a field mea	summent will be required. NPS listed is
O2.B3.110.0009	2-PZR-WP26-							<u></u>	
	Class 1 50	ISI-OCN2-002 OM-1201-456 OM-12011527	NDE-820	UT	CS		6.187 / NA	40338	B03.110.009
Circumferential									
			Nozzle to She Pressurizer S The thickness	ll ampling Noza listed is sho	de Pc. 30 to I wn on OM-12	Heater Belt : 201-456, and	Sheil Pc. 4, W-X I the NPS will be I	Quadrant. NA, since dimension i	s not needed for nozzle to shell.
O2.B3.110.0009	2-PZR-WP26-							<u> </u>	
	Class 1 50	ISI-OCN2-002 OM-1201-456 OM-12011527	NDE-640	UT	CS		6.187 / NA	40338	B03.110.009
Circumferential									
			Nozzle to She Pressurizer S The thickness	ll ampling Noza listed is sho	de Pc. 30 to I wn on OM-12	Heater Belt : 201-456, and	Sheil Pc. 4. W-X I the NPS will be I	Quadrant. NA, since dimension i	s not needed for nozzle to shell.

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Summary Num	Component ID Class / System) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-D									
O2.B3.110.0010	2-PZR-WP26-2	2							······································
	Class 1 50	ISI-OCN2-002 OM-1201-456 OM-12011527	NDE-640	UT	CS		6.187 / NA	40338	B03.110.010
Circumferential									
			Nozzle to She Pressurizer S The thickness	li ampling Noz i listed is sho	zle Pc. 30 to wn on OM-1;	Heater Belt 201-456, and	Shell Pc. 4. Y-Z I the NPS will be	Quadrant. NA, since dimension	is not needed for nozzle to shell.
O2.B3.110.0010	2.PZR-WP26-	2			· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·
	Class 1 50	ISI-OCN2-002 OM-1201-456 OM-12011527	NDE-820	υτ	CS		6.187 / NA	40338	B03.110.010
Circumferential									
			Nozzle to She Pressurizer S The thickness	ampling Noz s listed is sho	zle Pc. 30 to wn on OM-1;	Heater Belt 201-456, and	Shell Pc. 4. Y-Z I the NPS will be	Quadrant. NA, since dimension	is not needed for nozzle to shell.
O2.B3 110 0011	2-978-WP26-	3	<u></u>					<u> </u>	
	Class 1 50	ISI-OCN2-002 OM-1201-456 OM-12011527	NDE-640	UT	CS		6.187 / NA	40338	B03.110.011
Circumferential									
			Nozzle to She Pressurizer S The thickness	ell ampling No s listed is sho	zzle Pc. 30 to own on OM-1	Heater Belt 201-456, and	Shell Pc. 4. Z-V d the NPS will be	W Quadrant, 47 Degree NA, since dimension	ees off W-Axis. I is not needed for nozzle to shell.

Summary Num	Component ID Class / System) ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-D									
O2.B3.110.0011	2-PZR-WP26-3 Class 1 50	3 ISI-OCN2-002 OM-1201-456 OM-12011527	NDE-820	UT	CS		6.187 / NA	40338	B03.110.011
Circumferential									
		``	Nozzle to She Pressurizer S The thickness	II ampling Noz is listed is sho	zzle Pc. 30 to wn on OM-12	Heater Belt 201-456, and	Shell Pc. 4. Z-V the NPS will be	V Quadrant, 47 Degree NA, since dimension i	rs off W-Axis. s not needed for nozzle to shell.
O2.B3.120.0010	2-PZR-WP26-2	2	·····				<u> </u>		
	Class 1 50	ISI-OCN2-002 OM-1201-456 OM-12011527	NDE-680	UT	CS		6.187 / NA	40338 50237E	803.120.010
			Nozzle to She Pressurizer S The thickness	ell ampling Noz is listed is sho	zle Pc. 30 to own on OM-1;	Heater Belt \$ 201-456, and	Shell Pc. 4. Y-Z I the NPS will be	Quadrant. (Inside Rad NA, since dimension i	ius Section) is not needed for nozzle to shell.
02 82 150 0002		1221/	·				<u> </u>		
02.00.100.000	Class 1 51A	O-ISIN4-101A-2.1 1-N37804-2 OM-201-3276	NDE-3630	UT	SS		0.875 / NA	40411	B03.150.003
Circumferential									
			Nozzle to Cha Letdown Cool NPS will be N Component II	annel Body ler 2B Tubes IA, since dim D was chang	ide Inlet Noz; iension is not ed from 2-LD	de C Pc. 4 to needed for r CB-IN-V1 to	o Channel Body nozzle to shell. 2-LDCB-IN-WJ	Pc. 3. 33V per Isometric 1-N3	17804-2 Revision 0.

Summary Num	Component 1 Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-D									
O2.B3.150.0004	2-LDCB-OUT-	WJ36V				• ••••••••••••••••••••••••••••••••••••			
	Class 1 51A	O-ISIN4-101A-2.1 1-N37804-2 OM-201-3276	NDE-3630	UT	SS		0.875 / NA	40411	B03.150.004
Circumferential									
			Nozzle to Cha Letdown Cool NPS will be N Component II	annel Body ler 2B Tubesi IA, since dim D was changi	ide Outlet No ension is not ed from 2-LD	ozzie D Pc. 4 needed for r CB-OUT-V2	to Channel Bod rozzle to shell. to 2-LDCB-IN-W	y Pc. 3. /J36V per Isometric 1-N	37804-2 Revision 0.
O2.B3.160.0003	2-LDCB-IN-WJ	133V							
	Class 1 51A	O-ISIN4-101A-2.1 1-N37804-2 OM-201-3276	NDE-680	UT	SS		0.875 / NA	40411	B03.160.003
			Nozzle to Cha Letdown Cool This item doe NPS will be N Component II	annel Body ler 28 Tubes not have to IA, since dim D was chang	ide Inlet Noz be examined ension is not ed from 2-LD	zie Pc. 5 to C I per RFR 04 I needed for I ICB-IN-V1 to	Channel Body Po -ON-015. Item h nozzle to shell. 2-LDCB-IN-WJ	:. 3. (Inside Radius Secti as to be scheduled and d 33V per Isometric 1-N37	on) counted in percentages. 804-2 Revision 0.
O2.B3.160.0004	2-LDCB-OUT-	WJ36V			<u></u>				
	Class 1 51A	O-ISIN4-101A-2.1 1-N37804-2 OM-201-3276	NDE-680	UT	SS		0.875 / NA	40411	B03.160.004
			Nozzle to Cha Letdown Coo This item doe NPS will be N Component II	annel Body ler 2B Tubes not have to IA, since dim D was chang	ide Outlet No be examined ension is no ed from 2-LC	ozzie D Pc. 4 I per RFR 04 t needed for DCB-OUT-V2	to Channel Bod -ON-015. Item h nozzle to shell. to 2-LDCB-IN-V	ly Pc. 3. (Inside Radius S as to be scheduled and o VJ36V per Isometric 1-N	Section) counted in percentages. 37804-2 Revision 0.

Summary Num	Component II Class / Syster	D 1SO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Component ID 2
Caregory B-D									
O2.B3.90.0001	2-8PV-WR13								
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-855	UT	CS		12.000 / 60.000	95001	B03.090.001, B03.090.001A
		ISI-OCN2-001 OM-1201-454							
Circumferential									
			Nozzle to Ves RV Outlet Noz UT from Nozz	sel zzle Pc. 19 to te ID	Upper Shell	Forging Pc	. 86 and Pc. 87. 3	(Axis. (803.090.0	01) UT from Vessel ID (B03.090.001A)
			A vendor that	is PDI qualifi	ied for remote	e automated	UT examinations	will have to be co	ntracted to perform this inspection.
			Comments ac Thickness val shown as the	ided per ONS idated as sho diameter on	52-124: own on isome isometric liste	etric listed. I ed in plan.	f actual thickness	is needed a field n	neasurement will be required. NPS listed is
O2.B3.90.0002	2-RPV-WR13/	······································							
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-855	UT	CS		12.000 / 60.000	95001	B03.090.002,
		ISI-OCN2-001 OM-1201-454							BU3.050.002A
Circumferential									
-			Nozzie to Ves RV Outlet No: UT from Nozz A vendor that	sel zzle Pc. 19 to le ID. is PDI qualifi) Upper Sheil	Forging Pc	. 86 and Pc. 87. 2	Axis. (803.090.00	02) UT from Vessel ID (B03.090.002A)
			Comments ac Thickness val shown as the	ded per ONS idated as sho diameter on	S2-124: Dwn on isome isometric list	etric listed. I ed in plan.	factual thickness	is needed a field n	neasurement will be required. NPS listed is

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-D									
O2.B3.90.0003	2-RPV-WR12 Class 1 50	O-ISIN4-100A-2.1	54-ISI-855	UT	CS		12.000 / 48.000	95001	B03.090.003, B03.090.003A
		ISI-OCN2-001 OM-1201-454							
Circumferential									
			Nozzie to Ves RV Inlet Nozz (803.090.003	isel le Pc. 18 to l A) UT from N	Jpper Shell F lozzle ID.	orging Pc. I	36 and Pc. 87. W	-X Quadrant. (803	1.090.003) UT from Vessel ID
			A vendor that	is PDI qualifi	ied for remote	e automated	UT examinations	will have to be co	ontracted to perform this inspection.
			Comments ac Thickness val shown as the	Ided per ONS idated as sho diameter on	S2-124: own on isome isometric list	etric listed. I ed in plan.	factual thickness	is needed a field I	neasurement will be required. NPS listed is
O2.B3.90.0004	2-RPV-WR12/	\ \						a . maa' a Agaabaa 🦷 🖷	<u></u>
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-855	UT	CS		12.000 / 48.000	95001	B03.090.004, B03.090.004A
		ISI-OCN2-001 OM-1201-454							
Circumferential									<u>.</u>
			Nozzle to Ves RV inlet Nozz (B03.090.004	isel de Pc. 18 to l A) UT from N	Upper Shell F lozzle ID.	orging Pc. (36 and Pc. 87. X-	Y Quadrant. (1803	.090.004) UT from Vessel ID
			A vendor that	is PDI qualif	ied for remot	e automated	UT examinations	s will have to be c	ontracted to perform this inspection.
			Comments ad Thickness val shown as the	Ided per ON lidated as shi diameter on	S2-124: own on isome isometric list	etric listed. I ed in plan.	f actual thickness	is needed a field	measurement will be required. NPS listed is

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-D									
O2.B3.90.0005	2.RPV-WR12E	}							
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-855	UT	CS		12.000 / 48.000	95001	B03.090.005, B03.090.005A
		ISI-OCN2-001 OM-1201-454							
Circumferential									
			Nozzle to Ves RV Inlet Nozz (B03.090.005	iset de Pc. 18 to 1 A) UT from M	Upper Shell F lozzle 1D.	orging Pc. a	86 and Pc. 87. Y	Z Quadrant. (B03.09	90.005) UT from Vessel ID
			A vendor that	is PDI qualif	ied for remot	e automate	d UT examinations	s will have to be cont	racted to perform this inspection.
			Comments and Thickness val shown as the	Ided per ON lidated as shi diameter on	S2-124: own on isom isometric list	etric listed. I ed in plan.	ll actual thickness	is needed a lield me	asurement will be required. NPS listed is
O2.B3.90.0006	2-RPV-WR120)							
	Class 1 50	O-ISIN4-100A-2.1	54-iSI-855	UT	CS		12.000 / 48.000	95001	B03.090.006, B03.090.006A
		ISI-OCN2-001 OM-1201-454							
Circumferential									
			Nozzle to Ve RV Inlet Nozz (B03.090.006	ssel de Pc. 18 to iA) UT from I	Upper Shell I Nozzla ID.	Forging Pc.	86 and Pc. 87. Z	W Quadrant. (B03.0)	90.006) UT from Vessel ID
			A vendor that	is PDI quali	fied for remot	e automate	d UT examination	s will have to be cont	racted to perform this inspection.
			Comments a Thickness va shown as the	dded per ON lidated as sh diameter on	S2-124: own on isom isometric lis	etric listed. ed in plan.	If actual thickness	is needed a field me	easurement will be required. NPS listed is

Summary Num	Component II Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-D			•••						
O2.B3.90.0007	2-RPV-WR54								<u>بالمستعدة المتركبين مستحسم المستحدية المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة ا</u>
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-ISI-8 55	UT	CS		12.000 / 25.000	95001	B03.090.007
Circumferential									
			Nozzle to Ves RV Core Floo The Core Floo access/exami	sel d Nozzle Pc. od nozzle to s nation from t	17 to Upper shell welds ar he Nozzle ID.	Shell Forgin re only exarr	ng Pc. 86. W Axis nined from the Ve	. UT from Vessel ssel ID. The flow re	ID. Istrictors in the nozzle bore do not allow
			A vendor that	is PDI qualifi	ied for remote	e automated	UT examinations	will have to be co	ntracted to perform this inspection.
			Comments ad Thickness val shown as the	Ided per ONS idated as sho diameter on	52-124: own on isome isometric liste	atric listed. If ed in plan.	f actual thickness	is needed a field m	neasurement will be required. NPS listed is
O2.83.90.0008	2-RPV-WR54A	· · · · · · · · · · · · · · · · · · ·						<u></u>	
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-454	54-IS1-855	UT	CS		12.000 / 25.000	95001	B03.090.008
Circumferential									
			Nozzle to Ves RV Core Floo The Core Floo access/exami	isel d Nozzle Pc. od nozzle to s nation from t	17 to Upper shell welds an the Nozzle ID	Shell Forgir re only exam	ng Pc. 86. Y Axis. nined from the Ve	UT from Vessel I ssel ID. The flow re	D. astrictors in the nozzle bore do not allow
			A vendor that	is PDI qualif	ied for remote	e automated	UT examinations	; will have to be co	ntracted to perform this inspection.
			Comments ac Thickness val shown as the	Ided per ON idated as sho diameter on	S2-124: own on isome isometric liste	etric listed. I ed in plan.	f actual thickness	is needed a field n	neasurement will be required. NPS listed is

Summary Num	Component IE Class / System) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2				
Category B-F													
O2.85.10.0001	2-RPV-WR53		<u> </u>						<u></u>				
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-823	UT	SS-CS		1.688 / 15.625	5 8034675	B05.010.001,				
		ISI-OCN2-001 OM-1201-1528							B05.010.00TA				
Circumferential													
Terminal End Dissimilar													
			Nozzle to Safe End RV A-Side Core Flood Nozzle Pc. 17 to Safe End Pc. 89. W-Axis. Procedures must be qualified through PDI, A vendor that is PDI qualified for remote automated UT examinations will have to be contracted to perform this inspection. Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See PIP G-08-00185 (CA # 10) and Calc OSC-9796 Rev.1 for details on the exclusion of surface exams.										
			A UT perform items of the 1 outage.	ed in 2EOC-2 998 Edition ti	24 (contracted hru the 2000	d by Areva) Addenda of	for augmented ex the Section XI Co	cams (G12.2 items) also ode. We will take credit t	met the Code Requirements for B5.10 for the UT exam in the 2EOC-24				
			Although Exa G12.2 exam.(m was credite See ONS2-1	ed in 2EOC24 06 and 119)	t it was deci	ided to reexamine	in 2EOC26 to align with	h 10 year vessel exam and to reset the				
			Comments at The Core Floo The volumetri 0001 and G12	ided per ONS od Nozzies al c exams perf 2.2.0002 item	62-121: re within scop formed during (s).	be of the 10- 3 the 10 yea	year Reactor Ves r RV ISI also mee	essel (RV) ISI scheduled as the requirements for	during the fall 2013 2EOC26 outage. ASME Code Case N-770-1(G12.2				
			Commentsad Thickness val shown as the	ded per ONS lidated as sho diameter on	2-124: own an isome isometric liste	etric listed. If ed in plan.	factual thickness	is needed a field measu	urement will be required. NPS listed is				
		Th	is report inclu	ides all ch	anges throu	igh adden	dum ONS2-13	I					
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•	Conec 2, 4th Interval, outage 6 (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 B-F													
O2.B5.10.0002	2-RPV-WR53A Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-1528	54-ISI-823	UT	SS-CS		1.688 / 15.625	8034675	B05.010.002, B05.010.002A				
Circumferential Terminal End Dissimilar			Nozzle to Saf RV B-Side Co	e End re Flood No.	zzle Pc. 17 to	Safe End P	c. 89. Y-Axis. Pr	ocedures must be qual	ified through PDI.				
			Code Case N Calc OSC-97	-663 allows (96 Rev.1 for	us to exclude details on the	the surface exclusion o	exam from the Fo f surface exams.	urth Interval ISI Plan. Se	ee PIP G-08-00185 (CA # 10) and				
			A UT perform items of the 1 outage.	ed in 2EOC- 998 Edition (24 (contracted thru the 2000	d by Areva) Addenda of	for augmented ex the Section XI Co	ams (G12.2 items) also de. We will take credit f	met the Code Requirements for B5.10 or the UT exam in the 2EOC-24				
			Although Exa G12.2 exam.(m was credii See ONS2-1	ted in 2EOC24 106 and 119)	1 it was deci	ided to reexamine	in 2EOC26 to align with	1 10 year vessel exam and to reset the				
			Comments au The Core Flo The volumetr 0001 and G13	dded per ON od Nozzles a ic exams per 2.2.0002 iten	S2-121: are within scor formed during ns).	be of the 10- 1 the 10 yea	year Reactor Ves r RV ISI also mee	sel (RV) ISI scheduled to the requirements for a	during the fall 2013 2EOC26 outage. ASME Code Case N-770-1(G12.2				
			Comments a Thickness va shown as the	ided per ON lidated as sh diameter on	IS2-124: Iown on isome I isometric list	etric listed. If	i actual thickness	is needed a field measu	rement will be required. NPS listed is				

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This report includes all changes through addendum ONS2-131 Oconee 2, 4th Interval, outage 6 (EOC-26)											
Summary Num	Component II Class / Syster	D 1SO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cat Blocks	Componenet ID 2		
O2.B6.180.0001	2-RCP-2A1-FE Class 1 50	O-ISIN4-100A-2.1 OM-1201.D-0005	PDI-UT-5	UT	CS	<u></u>	4.000 / NA	7310-0083	B06 .180.001		
			Reactor Cool coolant pump Drawing OM If actual dime	ant Pump 2A only. -1201.D-0005 insions are ne	1 Main Flang 5 shows diam seded, a field	e Studs Pc. 1 eter of stud h measuremen	19. 20 Studs, S noles as 4.000 C nt will be require	tud Length = 32.00°. In DD. Length of bolts, and d.	spect main flange bolting on one reactor actual thickness could not be validated.		
O2.B6.180.0007	2-RCP-2B1-SE Class 1 50	EAL O-ISIN4-100A-2.1 OM-1201.D-0057	PDI-UT-5	UT	CS		2.250 / NA	40359	B06.180.007		
			Reactor Cool Inspect seal (Diameter of t needed, a fie	ant Pump 28 gland bolting volting verified Id measurem	11 Seal Gland on one reacto d by letter froi ent will be rea	Bolts. 8 Bol or coolant pur m Oconee Er quired.	its, Bolt Length : mp only. ngin aa ring. Bolt	= 11.750°. Length of 11.750 could	not be validated. If actual dimension is		
O2.86.200.0007	2-RCP-2B1-W Class 1 50	ASHER OM-1201.D-0057 O-ISIN4-100A-2.1	• NDE-62	VT-1	NA		0.000 / 0.000	<u></u>	B06.200.007		
			Reactor Coo reactor coola	ant Pump 28 nt pump only	1 Seal Gland	I Nuts and W	ashers. 8 nuts	and washers. Inspect s	eal gland nuts and washers on one		

		ТІ	his report incl	udes all ch	anges thro	ugh adden	dum ONS2-13	31	
Summary Num	Component II Class / Syster	D ISO/DWG Numbers n	Oc Procedure Description Comments	ionee 2, 4th i Insp Req	Interval, outa Material	nge 6 (EOC-: Sched	26) Thick/NPS	Cal Blocks	Componenet ID 2
Category B-G-2									
O2.B7.20.0003	2-PZR-LHB-S Class 1 50	TUDS B&W149775E OM 1201-858	NDE-62	VT-1	CS	<u></u>	2.000 / NA		B07.020.003
			Pressurizer L	ower Heater	Bundle Studs	Pc. 75 and	Nuts. 16 Studs,	Length = 19.312*. E	xamine all studs and nuts.
		*****		·					
O2.B7.30.0003	2-SGB-UMW- Class 1 50	STUDS OM-201.S-0001 OM-201.S-0170 OM-201.S-0171	NDE-62	VT-1	SS		2.000 / NA		B07.030.003
			Steam Gene Examine all s Stud Length	rator 2B Uppe studs and nut =19.63 inches	er Head Manw s. s.	vay Studs an	id Nuts. (16 Stuc	is & Nuts)	
O2 B7 30 0004	2 608 1 MW		······································						
02.07.30.0004	Class 1 50	OM-201.S-0001 OM-201.S-0158 OM-201.S-0171	NDE-62	VT-1	SS		2.000 / NA		807.030.004
			Steam Gene Examine all Stud Length	rator 2B Lowe studs and nut =19.63 inche	er Head Manv s. s.	vay Studs ar	nd Nuts. (16 Stuc	ts & Nuts)	

Summary Num	Component Class / Syst	ID ISO/DWG Numbers em	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O2.B9.11.0019	2-PHA-1								
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-820	UT	CS		2.856 / 42.750		B09.011.019, B09.011.019A
		ISI-OCN2-005 OM-1201-966						95001	003.011.0104
Circumferential Terminal End									
			Nozzle to Pip Reactor Vess A vendor that	9 el Outlet Noz is POI qualifi	zde to Steam ied for remoti	Generator : e automated	2A Hot Leg. 1 UT examination:	s will have to be con	tracted to perform this inspection.
			Code Case N Calc OSC-97	-663 allows L 96 Rev.1 for (us to exclude details on the	the surface exclusion o	exam from the Fo of surface exams.	ourth Interval ISI Pla	n. See PIP G-08-00185 (CA # 10) and
			Comments as Thickness / N listed is show	ided per ONS IPS validated n as the dian	S2-124: I as shown or neter on isom	n isometric li netric listed i	isted. If actual thic in plan.	kness is needed a l	ield measurement will be required. NPS
O2.B9.11.0021	2-PHB-1					<u></u>			
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-820	UT	CS		2.856 / 42.750		B09.011.021, B09.011.021A
		ISI-OCN2-006 OM-1201-966						95001	
Circumferential									
			Nozzle to Pip Reactor Vess A vendor that	e el Outlet Noz is PDI qualif	zzle to Steam ied for remot	Generator : e automated	2B Hot Leg. 5 UT examination:	s will have to be con	tracted to perform this inspection.
			Code Case N Calc OSC-97	-663 allows L 96 Rev.1 for	us to exclude details on the	the surface exclusion (exam from the Fo of surface exams.	ourth Interval ISI Pla	n. See PIP G-08-00185 (CA # 10) and
			Comments at Thickness / N listed is show	Ided per ON: IPS validated in as the dian	S2-124: I as shown or neter on isom	n isometric li netric listed i	isted. If actual thic in plan.	kness is needed a t	ield measurement will be required. NPS

Summary Num	Component II Class / System) ISO/DWG Numb ers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O2.B9.11.0032	2-PDA1-8		·						<u></u>
-	Class 1 50	O-ISIN4-100A-2.1	54-ISI-820	UT	CS		2.333 / 33.500	95001	809.011.032, 809.011.032A
		ISI-OCN2-011							
Circumferential									
Terminal End									
			Nozzle to Pipe Reactor Vess A vendor that	e el Intet Nozzi is POI qualifi	e to Pump 2/ ied for remote	A1 Discharg automated	e Piping Pc. 38. I UT examinations	will have to be con	tracted to perform this inspection.
			Code Case N Calc OSC-979	-663 allows u 96 Rev.1 for (is to exclude details on the	the surface exclusion o	exam from the Fo I surface exams.	ourth Interval ISI Pla	n. See PIP G-08-00185 (CA # 10) and
			Comments ad Thickness / N	lded per ONS PS validated	S2-124: as shown on	i isometric li	sted. If actual thic	kness is needed a t	field measurement will be required.
O2.89.11.0033	2-PDA2-8								
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-820	UT	CS		2.333 / 33.500	95001	B09.011.033, B09.011.033A
		ISI-OCN2-012							
Circumferential									
Terminal End									
			Nozzle to Pipe Reactor Vess A vendor that	el Intet Nozzt is PDI qualifi	e to Pump 2/ ied for remoti	A2 Discharg e automated	e Piping Pc. 38. I UT examination:	s will have to be con	tracted to perform this inspection.
			Code Case N Calc OSC-979	-663 allows u 96 Rev.1 for (is to exclude details on the	the surface exclusion o	exam from the Fo of surface exams.	ourth Interval ISI Pla	n. See PIP G-08-00185 (CA # 10) and
			Comments ac Thickness / N	Ided per ONS PS validated	S2-124: l as shown or	n isometric li	sted. If actual thic	kness is needed a	field measurement will be required.

Summary Num	Component li Class / System	D ISO/DWG Numbers m	Procedure Description Comments	insp fleq	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O2.89.11.0034	2-PDB1-8								
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-820	UT	CS		2.333 / 33.500	95001	B09.011.034, B09.011.034A
		ISI-OCN2-013							
Circumferential									
Terminal End									
			Nozzle to Pipe Reactor Vess A vendor that	el Inlet Nozzi is PDI qualifi	le to Pump 21 ied for remote	31 Discharg automated	e Piping Pc. 38. I UT examination:	s will have to be contr	racted to perform this inspection.
			Code Case N Calc OSC-979	-663 allows u 96 Rev.1 for (is to exclude details on the	the surface exclusion c	exam from the Fo of surface exams.	ourth Interval ISI Plan	. See PIP G-08-00185 (CA # 10) and
			Comments ad Thickness / N	ided per ONS PS validated	S2-124: I as shown on	i isometric li	sted. If actual thic	kness is needed a fie	ald measurement will be required.
O2.89.11.0035	2-PDB2-8								
	Class 1 50	O-ISIN4-100A-2.1	54-ISI-820	UT	CS		2.333 / 33.500	95001	809.011.035, 809.011.035A
		ISI-OCN2-014							
Circumferential									
Terminal End									
			Nozzle to Pipe Reactor Vess A vendor that	e el Inlet Nozzi is PDI qualifi	e to Pump 21 ied for remoti	32 Discharg automated	e Piping Pc. 38. I UT examination:	s will have to be contr	racted to perform this inspection.
			Code Case N Calc OSC-975	-663 allows u 96 Rev.1 for (is to exclude details on the	the surface exclusion o	exam from the Fo of surface exams.	ourth Interval ISI Plan	. See PIP G-08-00185 (CA # 10) and
			Comments ad Thickness / N	lded per ONS PS validated	\$2-124; I as shown on	isometric li	sted. If actual this	kness is needed a fie	eld measurement will be required.

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O2.B9.21.0005	2RC-203-22						······································		· · · · · · · · · · · · · · · · · · ·
	Class 1 50	ISI-OCN2-012 OM-1201-0969 2RC-203	NDE-35	PT	SS-CS		0.718 / 3.500		809.021.005
Circumferential Stress Weld Dissimilar									
Disantia			Nozzie to Saf Reactor Cook 20. The new v	e End ant Pump 2A weld is also li	2 Discharge I sted as weld	Piping. Nozz 22 on rev . 1	zle Pc. 46 to Safe 10 of iso 2RC-203	e End Pc. 47. This well 3.	d was cut out and welded back in EOC-
			Comments at This weld was replaced.	dded per ONS s previously li	52-127: sted and exa	mined as 2-l	PDA2-11. Compo	ment ID changed to 2	RC-203-22 since weld was cut out and
O2.89.21.0026	2HP-496-37								
	Class 1 51A	2HP-496 O-ISIN4-101A-2.1	NDE-35	PT	SS		0.438 / 3.000		B09.021.103
Circumferential									
			Nozzle to Pip Letdown Coo This weld was	e ler 2A. Outle s cut out and	t Nozzle to Pi welded back	ipe. to allow for t	the Letdown Cool	ler replaced on 11-11-	2005.
O2.B9.21.0029	2HP-214-15								
•	Class 1 51A	2HP-214 O-ISIN4-101A-2.4	NDE-35	РТ	SS		0.375 / 2.500		B09.021.106
Circumferential Stress Weld									
			Pipe to Valve	2HP-488					

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID
Category B-J				· · · · · · · · · · · · · · · · · · ·					
O2.89.21.0034	2RC-202-19 Class 1 51A	2RC-202 O-ISIN4-101A-2.4	NDE-35	PT	SS		0.375 / 2.500		B09.021.
Circumferential Stress Weld									
			Pipe to Valve Weld 2RC-20	2HP-153 2-3 was cut o	out and repla	ced with wel	d 2RC-202-19 du	ing EOC-20.	
O2.B9.21.0035	2RC-202-4 Class 1 51A	2RC-202 O-ISIN4-101A-2.4	NDE-35	PT	SS		0.375 / 2.500		B09.02 1.
Circumferential Stress Weld									
			Valve 2HP-48	88 to Valve 2	HP-153				
O2.89.21.0036	2RC-203-32 Class 1 51A	2RC-203 O-ISIN4-100A-2.1	NDE-35	РТ	SS		0.375 / 2.500	<u> </u>	B09.021
Circumferential Stress Weld									
			Sale End to I Inspect with I Weld 2RC-20 Weld 2RC-20	Pipe Item Number 13-2 was cut 13-21 was cu	G02.001.00 out and repla t out and rep	BB(Summan) Iced with we laced with w	/ Number 02.G2. 1d 2RC-203-21 du eld 2RC-203-32 d	1.0015). ring EOC-20. uring EOC-23 per R	evison 13 of iso 2RC-203.

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenat ID 2
Category B-J			·····						
O2.B9.21.0037	2RC-203-3		• • • • • • • • • • • • •						
	Class 1 51A	2RC-203 O-ISIN4-101A-2.4	NDE-35	PT	SS		0.375 / 2.500		B09.021.114
Circumferential Stress Weld									
			Pipe to Valve	2HP-126					
O2.89.21.0060	2HP-214-10								
	Class 1 51A	2HP-214 O-ISIN4-101A-2.4	NDE-35	PT	SS		0.375 / 2.500		B09.021.137
Circumferential									
			Elbow to Pipe This weld was	e s listed previo	ously as 2-51A	4-27-105A u	ntil iso 2-51A-27 (3) was redrawn.	
		······································							
02.09.21.0002	Class 1 51A	2HP-215 O-ISIN4-101A-2.4	NDE-35	PT	SS		0.375 / 2.500		B09.021.139
Circumferential									
			Pipe to Elbow This weld was	/ s listed previo	ously as 2-51 A	4-27-88 until	iso 2-51A-27 (3)	was redrawn.	

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-J									
O2.B9.21.0063	2HP-215-16 Class 1 51A	2HP-215 O-ISIN4-101A-2.4	NDE-35	PT	SS		0.375 / 2.500		B09.021.140
Circumferential									
			Elbow to Pipe This weld was	listed previo	ously as 2-51/	A-27-93 unti	iso 2-51A-27 (3)	was redrawn.	
O2.B9.21.0185	2-51A-145-44 Class 1 51A	O-ISIN4-101A-2.1 2-51A-145	NDE-35	PT	SS		0.438 / 3.000		809.021.
Circumferential									
			Elbow to Pipe Weld ID was	changed from	n 2-51A-145-	6 to 2-51A-1	45-44 per Isomet	ric 2-51A-145 Revision 6.	
O2.B9.21.0227	2HP-495-27 Class 1 51A	2HP-495 O-ISIN4-101A-2.1	NDE-35	PT	SS		0.438 / 3.000		
Terminal End									
			Nozzle to Elb Letdown Coo This weld wa	ow Ier 2A. Inlet 5 listed previx	Nozzle to Elb busły as 2-51	юw. A-147-31 un	til it was cut out a	nd rewelded as 2HP-495-27	

Oconee 2, 4th Interval, outage 6 (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 B-J									
O2.B9.21.0259	2-RC-266-47								
	Class 1 50	2-RC-266 O-ISIN4-100A-2.2 ISI-OCN2-016	NDE-35	РТ	SS		0.281 / 1.500		
Dissimilar									
			Pipe to Reduce Pressurizer S	cer pray Tank to	Pressurizer.				
O2.B9.21.0266	2-RC-266-36			<u></u>					
	Class 1 50	2-RC-266 O-ISIN4-100A-2.2 ISI-OCN2-016	NDE-35	PT	SS		0.375 / 2.500		
Dissimilar									
			Pipe to Valve Pressurizer S	2RC-210 Spray Tank to) Pressurizer.				
O2.B9.40.0001	2RC-271-11G	······				<u></u>			
	Class 1 50	2RC-271 O-ISIN4-100A-2.2	NDE-35	PT	SS		0.281 / 1.500		809.040.001
A A A									

Socket

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Tee to Reducing Insert This weld was listed previously as 2-50-129-11G until iso 2-50-129 was deleted and all welds were tranferred to iso 2RC-271.

Summary Num	Component (1) Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cel Blocks	Componenet ID 2
Category B-J	· · · · · · · · · · · · · · · · · · ·								
O2.B9.40.0010	2RC-253-8 Class 1 50	2RC-253 O-ISIN4-100A-2.2	NDE-35	PT	SS		0.281 / 1.500	<u></u>	B09.040.010
Socket									
			Pipe to Elbow	,					
Category B-N-1									
O2.B13.10.0001	2-RPV-INT-SU	RFACE							
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-1538	54-ISI-364	VT-3	SS		NA / NA		B13.010.001
			Reactor Vess accessible to Areas of exal with the core surfaces from surface down pipe weld (fro These are the reason the co inspections a are accessibl For the exam (Enhanced V A detailed list inspection Ba	sel Interior. A r examination inination for (barrel in place to the flange of to the core : or the reacto e only areas or barrel is r re performed with the co ination perfo T-1 and VT-5 t of items that assis Docume	reas to be ex n by removal Category B-N Category B-N cate	amined shall of componen- 1 (Item Num ws: Examine for support s d), and exam- ior wall out t r of the react lig a normal i veriod), no of lace. the third peri- be contracts camined for t (Rev.7), Sec	I include the space ints during normal aber B13.10) durin e all of the reactor shield (with the Ple ine the hot leg noz to ressel that are refueling outage (ther interior surface od, a vendor that i ad to perform this his summary num tion 13.0 (Append	as above and below ti refueling outages. In ormal refueling out vessel liange surface anum removed, it is a zzle (outlet nozzle) int le to pipe weld is appi accessible during no outages other than wh es are required to be is qualified for remote inspection. ber are referenced in lix B). This document	he Reactor Core that are made utages (in the first and second period) es, examine the reactor vessel interior pproximately ten inches from the flange terior surfaces out to the hot leg nozzle to roximately 41 inches). mal refueling outages. If for some een the 10 year reactor vessel automated examined other than those surfaces that e automated Visual examinations the Oconee Nuclear Station, Inservice is located in NEDL, and can be found by

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / Syster) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category B-N-2									
O2.B13.50.0001	2RPV-INT-LUC	GS	· · · · · · · · · · · · · · · · · · ·						· _ · · · · · · · · · · · · · ·
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-671	54-ISI-364	VT-1	NA		NA / NA		B13.050.00
			Reactor Vess	el Core Guid	le Lugs. Inter	ior attachme	nts within the Be	Ittine Region. Reference	ce Framatome Procedure 54-ISI-364-00.
			A vendor that perform this is	is qualified for the spectron.	or remote aut	omated Visu	al examinations	(Enhanced VT-1 and V	(T-3) will have to be contracted to
			A detailed list Inspection Ba searching for	of items that isis Documer Doc Index N	t are to be ex nt, interval 4 (umber OISI-0	amined for th Rev.7), Sect 169.10-0040	iis summary num ion 13.0 (Append), Doc Type = We	nber are referenced in t dix B). This document is orking DOC, and ERN (the Oconee Nuclear Station, Inservice s located in NEDL, and can be found by # NG000BY2.
O2.B13.60.0001	INCORE INST Class 1 50	R NOZ WELDS O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-1538	54-ISI-364	VT-3	CS-Inconel		NA / NA		
			Reactor Vess Interior attact	el Instrumen Iments beyor	t Nozzie to Lo nd the beitline	wer Head W region.	ekds (52 Instrum	ent Nozzle to Vessel W	Velds).
			A vendor that perform this i	is qualified f	or remote aut	omated Visu	al examinations	(Enhanced VT-1 and V	/T-3) will have to be contracted to
			A detailed list Inspection Base searching for	t of items that isis Documer Doc Index N	t are to be ex nt, Interval 4 (umber OISI-0	amined for th Rev.7), Sect 169.10-0040	is summary num ion 13.0 (Append), Doc Type = Wo	nber are referenced in t dix B). This document is orking DOC, and ERN (the Oconee Nuclear Station, Inservice s located in NEDL, and can be found by # NG000BY2.

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	• Thick/NPS	Cal Blocks	Componenet ID 2
Category B-N-2									
O2.B13.60.0002	FLOW STABIL	IZERS							
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 OM-1201-1538	54-ISI-364	VT-3			NA / NA		
			Reactor Vess Interior attach	el Flow Stabil ments beyon	izers (12 Flo d the beltline	w Stabilizers region.	;) .		
			A vendor that perform this in	is qualified to rspection.	or remote aut	omated Visu	al examinations	(Enhanced VT-1 and \	/T-3) will have to be contracted to
			A detailed list Inspection Ba searching for	of items that sis Documen Doc Index Ni	are to be ex t, Interval 4 (Imber OISI-0	amined for th Rev.7), Sect 169.10-0040	nis summary nun lion 13.0 (Append), Doc Type = W	ther are referenced in dix B). This document i orking DOC, and ERN	the Oconee Nuclear Station, Inservice is located in NEDL, and can be found by # NG000BY2.
Category B-N-3									
O2.B13.70.0001	2-RPV-INTERN	NALS							
	Class 1 50	O-ISIN4-100A-2.1 ISI-OCN2-001 B&W152008E	54-ISI-364	VT-3	NA		NA / NA		B13.070.001
			Reactor Vess Framatome P	el Core Supp Procedure 54-	ort Structure ISI-364-00.	. The struct	ure shall be remo	wed from the Reactor	Vessel for examination. Reference
			A vendor that perform this in	is qualified for nspection.	or remote au	tomated Visi	ual examinations	(Enhanced VT-1 and V	/T-3) will have to be contracted to
			A detailed list Inspection Ba searching for	of items that Isis Documen Doc Index No	are to be ex it, Interval 4 (umber OISI-0	amined for t (Rev.7), Sec)169.10-004	his summary num tion 13.0 (Appen 0, Doc Type = W	nber are referenced in dix B). This document orking DOC, and ERN	the Oconee Nuclear Station, Inservice is located in NEDL, and can be found by # NG000BY2.

Summery Num	Component II Class / Syster) ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cat Blocks	Companenet ID 2
Category B-O									
O2.B14.10.0013	2-RPV-CRD-6	7WH9							
	Class 1 50	OM-201.R0106.001 OM-201-3161	NDE-35	PT	SS-Inconel		0.650 / NA		
Dissimilar									
			Housing Body CRDM #67 He Thickness list dimension is	to Adapter ousing Body ed is referen needed, a fie	to Adapter. Ice dimension ald measureme	,since thickne: ent wil be requ	ss dimension co ired.	ould not be validated us	sing OM drawings listed. If actual
O2.B14.10.0014	2-RPV-CRD-6	7W60					·		
	Class 1 50	OM-201-3160 OM-201-3161	NDE-35	РТ	SS-CS		0.500 / NA		
			Base to Moto CRDM #67 Ba Thickness list dimension is t	r Tube ase to Motor ed is referen needed, a fie	Tube. Ice dimension ald measureme	,since thickne: ent wil be requ	ss dimension co	ould not be validated us	sing OM drawings listed. If actual
O2.B14.10.0015	2-RPV-CRD-6	7							
	Class 1 50	OM-201-3160 OM-201-3161	NDE-35	PT	SS-CS		0.400 / NA		
			Motor Tube to CRDM #67 M Thickness list dimension is i	Extension otor Tube to ed is referen needed, a fie	Extension. Ice dimension ald measureme	,since thicknes ent wil be requ	ss dimension c ired.	ould not be validated us	sing OM drawings listed. If actual

· .		Tr	ns report incl Oc	udes all ch once 2, 4th i	anges thro Interval, outs	ugh adder 198 6 (EOC-	10um ONS2-13 26)	n	
Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Caregory 8-0									
Q2.B14.10.0016	2-HPV-CHD-67 Class 1 50	OM-201-3160 OM-201-3161	NDE-35	PT	SS		0.380 / NA		
			Extension to CRDM #67 E Thickness lis dimension is	Cap xtension to C led is referen needed, a fie	iap. ce dimension Id measurem	,since thick ent wil be re	ness dimension a quired.	ould not be validated using	g OM drawings listed. If actual
Category C-A									
O2.C1.10.0001	2-LPCB-SH-1			······································					
	Class 2 53B	OM-201-0286 O-ISIN4-102A-2.2 OM 2201-277	NDE-68	VT-2	SS		0.750 / 46.000		C01.010.001
Circumferential									
			Flange to Sh Decay Heat (For the fourth Volumetric e: a period. There were 2 1. The owner of heat excha documented letter is filed 2. All welds t exam could I welds becau welds from th performed ou (tubeside bu	ell Cooler 2B Fla interval, Coi kam. The dec stipulations r had to evalue anger that the on a letter da with document hat Code Ca: be either a co se inservice I ne Manufactue n all tubeside tt welds).	ange to Shell. de Case N-7(cay heat coole that had to be late industry of ated July 17, 3 nt control und se N-706 is to instruction co inspection ha urer (e-mail fre butt welds.Ti	Was exam be was used ar is inside of experience to eration and 2008 from Ju ler file numb ler file numb of volumetr d been perfor om vendor) to ne manufact	ined in third inten for the examinat of the Class 2 pre code Case N-76 o determine and wanting to use C esse Link (Ocone er OS-317 and re to would have to to would have to comed in previous hat volumetric ex urer drawing also	val as C1.20 item. ion of this weld. A VT-2 ex ssure test boundary and w D6 could be used and they assure that that no thru wa Code Case N-706 for. This we Assistant Engineer) to M acord retention number 000 have at least one volumet bor inservice exam. This req interval. There was also c gams (reader sheets for RT o confirmed that RT was re	am will be performed in lieu of the fill have a VT-2 exam performed once are listed as the following: all leakage had occured with the type evaluation requirement was met and Mark Fertisi (SXIP Engineer). This 0252. ric examination performed on it. The puirement was met on two of the conformation for all 4 of the C1.10 Fwere found but not the film) were equired for these C1.10 welds
			If leakage is ISI NDE Plan continued us Note: In oute and put the r	detected on in manager to te of Code Ca tge 6 (EOC-2 results in the	either of the C r Oconee sha ase N-706 for (6), the ISI Pla Inservice Insp	Decay Heat I Il be notified summary n an manager Dection Rep	Removal Coolers I of the leakage s umbers O2.C1.10 needs to get the ort for Summary I	(2A or 2B) during Pressur to that an evaluation can b).0001. results of the pressure tes Number O2.C1.10.0001.	re Testing and VT-2 examinations, the e performed to determine the st for all 3 periods in the fourth interval

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Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-A									
O2.C1.10.0002	2-LPCB-SH-2 Class 2 53B	OM-201-0286 O-ISIN4-102A-2.2 OM 2201-277	NDE-68	VT-2	SS		0.750 / 46.000		C01.010.002
Circumferential									
			Shell to Flang Decay Heat C Reference Cc For the fourth Volumetric ex a period. There were 2 1. The owner of heat excha documented of letter is filed w 2. All welds the exam could b welds becaus welds from th performed on (tubeside butt) If leakage is of ISI NDE Plan continued use Note: In outag and put the re	e cooler 2B Stai de Case N-67 interval, Cod am. The deca stipulations th had to evalue nger that they on a letter dat with document at Code Cass e either a con e Inservice In e Manufactum all tubeside to twelds). letected on ei manager for a of Code Cas ge 6 (EOC-26 esults in the In	nless Steel S 24. Was exa e Case N-70 ay heat coole hat had to be the industry e v have in ope ed July 17, 2 t control und e N-706 is to isstruction coo ispection had er (e-mail fro but welds. The ther of the D Occonee shall a N-706 for), the ISI Plan iservice Insp	Shell to Tube mined in thin 6 was used er is inside o er met before experience to ration and to 2008 from Je er file numb be applied be applied be applied be volumetri d been perfo m vendor) the manufactor recay Heat F ll be notified summary nu manager a	esheet Flange. Re d interval as C1.3 for the examination if the Class 2 press Code Case N-706 o determine and as wanting to use Co use Link (Oconee ar OS-317 and rec to would have to h c, a preservice or rmed in previous in hat volumetric exa urer drawing also of the leakage so mbers O2.C1.10.1 heeds to get the re- rt for Summary N	scheduled to outag 0 item. In of this weld. A V sure test boundary is could be used an assure that that no to de Case N-706 for Assistant Enginee ord retention numi- ave at least one vo- inservice exam. The nterval. There was ms (reader sheets confirmed that RT 2A or 2B) during P that an evaluation 0002. asults of the pressu- umber O2.C1.10.0	ge 6 as a result of PIP O-06-4249. T-2 exam will be performed in lieu of the and will have a VT-2 exam performed once d they are listed as the following: hru wall leakage had occured with the type r. This evaluation requirement was met and r) to Mark Ferlisi (SXIP Engineer). This ber 000252. Sumetric examination performed on it. The his requirement was met on two of the also conformation for all 4 of the C1.10 for RTwere found but not the film) were was required for these C1.10 welds ressure Testing and VT-2 examinations, the can be performed to determine the are test for all 3 periods in the fourth interval 002.
O2.C1.30.0001	2-SGB-W69 Class 2 03	OM-201.S-0001 OM-201.S-0157	NDE-820	UT	CS		5.125 / 132.000	20T-240	C01.030.001
Circumferential			Tubesheet to Steam Gener Case N-624.	Shell rator 2B Uppe	r Tubesheet	to Shell Ca	n # 4. Reschedule	ed to outage 6 as a	result of PIP O-06-4249. Reference Code

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Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component II Class / System	D ISO/DWG Numbera n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cel Blocks	Componenet ID 2
Category C-A									
O2.C1.30.0001	2-SGB-W69								
	Class 2 03	OM-201.S-0001 OM-201.S-0157	NDE-640	UT	CS		5.125 / 132.000	20T-240	C01.030.001
Circumferential									
			Tubesheet to Steam Gener Case N-624.	Sheil ator 2B Uppe	er Tubesheet	to Shell Ca	n #4. Rescheduk	ed to outage 6 as a	result of PIP O-06-4249. Reference Code
O2.C1.30.0002	2-SGB-W65	· · · · ·	<u></u>				. <u></u>		
	Class 2 03	OM-201.S-0001 OM-201.S-0157	NDE-640	UT	CS		5.125 / 132.000	20T-240	C01.030.002
Circumferential									
			Tubesheet to Steam Gener Case N-624.	Shell ator 28 Lowe	er Tubesheet	to Sheli Ca	n # 1. Rescheduk	ed to outage 6 as a	result of PIP O-06-4249. Reference Code
O2.C1.30.0002									
	Class 2 03	OM-201.S-0001 OM-201.S-0157	NDE-820	UT	CS		5.125 / 132.000	20T-240	C01.030.002
Circumferential									
			Tubesheet to Steam Gener Case N-624.	Shell rator 28 Low	er Tubesheet	to Shell Ca	n # 1. Rescheduk	ed to outage 6 as a	result of PIP O-06-4249. Reference Code
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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-C									
O2.C3.20.0003	2-01A-0-1481A-	H4B				****			
	Class 2 01A	2-01-08/sht.1 O-ISIN4-122A-2.1	NDE-35	PT	CS		0.500 / 26.000		C03.020.003
Rigid Support									
			Calculation No	o. OSC-1315	. Inspect with	O2.F1.20.0	003.		
O2.C3.20.0014	2-51B-2-0-436E Class 2 51B	-DE104 0-2AB-25102-02 O-ISIN4-101A-2.3	NDE-35	PT	SS-CS		0.750 / 6.000		C03.020.032
Rigid Support									
			Calculation No	o. OSC-481.	Inspect with (D2.F1.20.00	916.		
			Comments ac Material type	ided per ONS appears to be	52-124: e carbon attac	chment to st	ainless pipe on su	pport sketch 2-51-2-0-436E-DE104.	
O2.C3.20.0018	2-51A-3-0-437B Class 2 51A	-H70 0-2AB-25101-04 O-ISIN4-101A-2.1	NDE-35	PT	SS		0.375 / 4.000		C03.020.036
Spring Hgr									
			Calculation N	o. OSC-479.	Inspect with (02.F1.22.00	012.		
		·····							<u> </u>

Summary Num	Component ID Class / Systen	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-D									
O2.C4.40.0001	2-MS-103-STU	D							
	Class 2 01A	OM-200-195 O-ISIN4-122B-2.1	PDI-UT-4	UT	CS		2.250 / NA	40417	C04.040.001
			Main Steam S Main Steam S made accesib O2.C4.40.000 14.125" per d	Stop Valve 2N Stop Valve 2N Ne to inspect 11 for the out rawing in ma	MS-103. MS-103 was o In outage 3 . age 5 to mee nual OM-200	originally sho We moved t the percen -195.	eduled for toutage the inspection to tage requirement	a 3. Due to maintenance ac outage 3 for Pump 2A and is for category C-D. Stud d	tivities , Pump 2A (C4.30 item) was I then scheduled item iameter is 2.250 and Length =
Category C-F-1	<u></u>							·····	
O2.C5.11.0015	2LP-148-93								<u> </u>
	Class 2 53A	2LP-148	PDI-UT-2	UT	SS	160	1.125 / 10.000	PDI-UT-2A-O	C05.011.015,
		Q-ISIN4-102A-2.2						PDI-UT-2-0	05.011.0154
Circumferential									
			Elbow to Pipe Code Case N Calc OSC-97	e 1-663 allows i 96 Rev.1 for	us to exclude details on the	the surface exclusion (exam from the Fi of surface exams.	ourth Interval ISI Plan. See	PIP G-08-00185 (CA # 10) and
O2.C5.11.0016	2LP-148-94			· · · · · ·					
	Class 2 53A	2LP-148	PDI-UT-2	UT	SS	160	1.125 / 10.000	PDI-UT-2A-O	C05.011.016,
		Q-15IN4-102A-2.2						PDI-UT-2-0	000.011.0104
Circumferential									
			Pipe to Pipe Code Case N Calc OSC-97	1-663 allows ('96 Rev.1 for	us to exclude details on the	the surface exclusion	exam from the F of surface exams	ourth Interval ISI Plan. See	PIP G-08-00185 (CA # 10) and

Oconee 2, 4th Interval, outage 6 (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 C-F-1									
O2.C5.11.0060	2LP-217-13								
	Class 2 53A	2LP-217	PDI-UT-2	UT	SS		1.000 / 10.000	PDI-UT-2A-O	C05.011.060, C05.011.060A
		O-ISIN4-102A-2.3						PDI-UT-2-0	
Circumferential									
			Pipe to Elbow Code Case N Calc OSC-975	-663 allows u 96 Rev.1 for d	s to exclude t letails on the	he surface exclusion o	exam from the Fo of surface exams.	urth Interval ISI	Plan. See PIP G-08-00185 (CA # 10) and
O2.C5.11.0061	2LP-217-14		,						
	Class 2 53A	2LP-217	PDI-UT-2	UT	SS		1.000 / 10.000	PDI-UT-2A-O	C05.011.061, C05.011.061A
		O-ISIN4-102A-2.3						PDI-UT-2-0	
Circumferential									
			Elbow to Pipe Code Case N Calc OSC-97	-663 allows u 96 Rev.1 for c	s to exclude t letails on the	the surface exclusion o	exam from the Fo of surface exams.	ourth Interval ISI	Plan. See PIP G-08-00185 (CA # 10) and
O2.C5.11.0062	2LP-217-18								
	Class 2 53A	2LP-217	PDI-UT-2	UT	SS		1.000 / 10.000	PDI-UT-2A-O	C05.011.062, C05.011.062A
		O-ISIN4-102A-2.3						PDI-UT-2-0	
Circumferential									

Pipe to Elbow

Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See PIP G-08-00185 (CA # 10) and Calc OSC-9796 Rev.1 for details on the exclusion of surface exams.

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component ID Class / Syst en	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1									
O2.C5.11.0063	2LP-217-19				······································				
	Class 2 53A	2LP-217	PDI-UT-2	UT	SS		1.000 / 10.000	PDI-UT-2A-O	C05.011.063, C05.011.063A
		O-ISIN4-102A-2.3						PDI-UT-2-0	000.011.000
Circumferential									
			Elbow to Pipe Code Case N Calc OSC-97	-663 allows u 96 Rev.1 for c	s to exclude t details on the	the surface exclusion c	exam from the Fo of surface exams.	urth Interval ISI Pl	an. See PIP G-08-00185 (CA # 10) and
O2.C5.11.0065	2LP-217-4								
	Class 2 53A	2LP-217	PDI-UT-2	UT	SS		1.000 / 10.000	PDI-UT-2A-O	C05.011.065, C05.011.065A
		O-ISIN4-102A-2.3						PDI-UT-2-0	
Circumferential									
			Pipe to Elbow Code Case N Calc OSC-97	-663 allows u 96 Rev.1 for (is to exclude t details on the	the surface exclusion o	exam from the Fo of surface exams.	urth Interval (S) PI	an. See PIP G-08-00185 (CA # 10) and
O2.C5.11.0066	2LP-217-5	•					• • • • • • • • • • • • • • • • • •		
	Class 2 53A	2LP-217	PDI-UT-2	UT	SS		1.000 / 10.000	PDI-UT-2A-O	C05.011.066, C05.011.066A
		0-151N4-102A-2.3						PDI-UT-2-0	
Circumferential									

Elbow to Pipe Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See PIP G-08-00185 (CA # 10) and Calc OSC-9796 Rev.1 for details on the exclusion of surface exams.

Oconee 2, 4th Interval, outage 6 (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 C-F-1									
O2.C5.21.0011	2-51A-17-48								
	Class 2 51A	2-51A-17 (1)	PDI-UT-2	UT	SS		0.237 / 4.000	PDI-UT-2A-O	C05.021.019,
		O-ISIN4-101A-2.2						PDI-UT-2-0	CU3.U2 1.0 19A
Circumferential									
			Tee to Elbow Code Case N Calc OSC-975	-663 allows u 96 Rev.1 for (us to exclude details on the	the surface exclusion o	exam from the Fo of surface exams.	ourth Interval ISI Plan. See	PIP G-08-00185 (CA # 10) and
O2.C5.21.0015	2-51A-17-136								م م م م م م م م م م م م م م م م م م م
	Class 2 51A	2-51A-17 (3)	PDI-UT-2	UT	SS		0.531 / 4.000	PDI-UT-2A-O	C05.021.023,
		O-ISIN4-101A-2.3						PDI-UT-2-0	005.021.0254
Circumferential									
			Elbow to Pipe Code Case N Calc OSC-97	-663 allows u 96 Rev.1 for (is to exclude details on the	the surface exclusion o	exam from the Fo of surface exams.	ourth Interval ISI Plan. See	9 PIP G-08-00185 (CA # 10) and
O2.C5.21.0043	2-51A-17-82			<u></u>					· · · · · · · · · · · · · · · · · · ·
	Class 2 51A	2-51A-17 (2)	PDI-UT-2	UT	SS		0.438 / 3.000	PDI-UT-2A-O	C05.021.051,
		O-ISIN4-101A-2.3						PDI-UT-2-0	CU5.021.057A
Circumferential									
Terminal End									
			Elbow to Flan	ge					

Code Case N-663 allows us to exclude the surface exam from the Fourth Interval ISI Plan. See PIP G-08-00185 (CA # 10) and Calc OSC-9796 Rev.1 for details on the exclusion of surface exams.

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1									
O2.C5.21.0044	2-51A-17-83								
	Class 2 51A	2-51A-17 (2)	PDI-UT-2	UT	SS		0.438 / 3.000	PDI-UT-2A-O	C05.021.052
		O-ISIN4-101A-2.3						PDI-UT-2-O	GU3.U21.U32A
Circumferential									
			Pipe to Elbow Code Case N Calc OSC-975	-663 allows u 96 Rev.1 for (is to exclude details on the	the surface exclusion o	exam from the Fo f surface exams.	ourth Interval ISI Pl	an. See PIP G-08-00185 (CA # 10) and
O2.C5.21.0046	2-51A-17-103		<u></u>						
	Class 2 51A	2-51A-17 (4)	PDI-UT-2	UT	SS		0.438 / 3.000	PDI-UT-2A-O	C05.021.054, C05.021.054A
		O-ISIN4-101A-2.3						PDI-UT-2-O	
Circumferential Terminal End									
			Pipe to Elbow Code Case N Calc OSC-97	-663 allows L 96 Rev.1 for	is to exclude details on the	the surface exclusion o	exam from the Fe I surface exams.	ourth Interval ISI P	an. See PIP G-08-00185 (CA # 10) and
O2.C5.21.0048	2HP-369-167								
	Class 2 51A	2HP-369	PDI-UT-2	UT	SS		0.438 / 3.000	PDI-UT-2A-O	C05.021.056, C05.021.056A
		O-ISIN4-101A-2.3						PDI-UT-2-0	
Circumferential Terminal End									
			Elbow to Flan This weld was	ge s listed previo	ously as 2-51	A-17-167 un	til iso 2-51A-17(6	i) was deleted and	the welds were transferred to iso 2HP-369.
			Code Case N Calc OSC-97	-663 allows u 96 Rev.1 for	us to exclude details on the	the surface exclusion c	exam from the Fo of surface exams.	ourth Interval ISI P	an. See PIP G-08-00185 (CA # 10) and

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1									
O2.C5.21.0429	2HP-219-8								
	Class 2 51A	2HP-219 O-ISIN4-101A-2.4	NDE-35	PT	SS	160	0.531 / 4.000		C05.021 .
Circumlerential									
			Elbow to Pipe This weld was	: s listed previo	ously as 2.51/	A-132-8 unti	l iso 2-51A-132 v	vas redrawn.	
			Comments as This weld was limited exam.	ided per ONS s added to the	S2-123: e plan as a re	sult of PIP (0-12-9429, which	n requires an alternative we	d be substituted for a previously
O2.C5.21.0429	2HP-219-8	·	·					· · · · · · · · · · · · · · · · · · ·	
	Class 2 51A	2HP-219 O-ISIN4-101A-2.4	PDI-UT-2	UT	SS	160	0.531 / 4.000	PDI-UT-2A-O PDI-UT-2-O	C05.021.
								50275	
Circumferential									
			Elbow to Pipe This weld was) s listed previo	ously as 2-51/	A-132-8 unti	il iso 2-51A-132 v	vas redrawn.	
			Comments as This weld was limited exam.	dded per ONS s added to th	S2-123: e plan as a re	sult of PIP	0-12-9429, whicl	n requires an alternative we	ld be substituted for a previously
O2.C5.21.0590	2-51A-17-107								
	Class 2 51A	2-51A-17 (4) O-ISIN4-101A-2.3	NDE-35	PT	SS	160	0.438 / 3.000		C05.021.
Circumferential									
			Elbow to Pipe Comments a This weld wa limited exam	e dded per ONS s added to th	S2-123: e plan as a re	esult of PIP	0-12-9429, whicl	h requires an alternative we	Id be substituted for a previously

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1							•		
O2.C5.21.0590	2-51A-17-107				· · ·				
	Class 2 51A	2-51A-17 (4) O-ISIN4-101A-2.3	PDI-UT-2	UT	SS	160	0.438 / 3.000	PDI-UT-2-0 PDI-UT-2A-0	C05.021.
Circumferential								50225	
			Elbow to Pipe Comments ad This weld was limited exam.	Ided per ONS added to the	52-123; e plan as a re	sult of PIP	0-12-9429, which	I requires an alternative weld	be substituted for a previously
O2.C5.21.0636	2-51A-31-4 Class 2 51A	2-51A-31 O-ISIN4-101A-2.1	NDE-35	РТ	SS	160	0.674 / 4.000		C05.021.
Circumferential									
			Elbow to Pipe Comments ad This weld was limited exam.	ided per ONS added to the	52-123: e plan as a re	sult of PIP	0-12-9429, which	i requires an alternative weld	be substituted for a previously
O2.C5.21.0636	2-51A-31-4	·····							
	Class 2 51A	2-51A-31 O-ISIN4-101A-2.1	PDI-UT-2	UT	SS	160 ₋	0.674 / 4.000	PDI-UT-2A-0 PDI-UT-2-0	C05.021 .
Circumferential								8279-0412	
			Elbow to Pipe Comments ad This weld was limited exam.	ided per ONS added to the	52-123: e plan as a re	sult of PIP	0-12-9429, which	n requires an alternative weld	be substituted for a previously

Summary Num	Component IE Class / Systen) ISO/DWG Numbers a	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1			commente						
O2.C5.21.0645	2HP-227-9 Class 2 51A	2HP-227 O-ISIN4-101A-2.3	NDE-35	PT	SS	160	0.438 / 3.000	<u></u>	C05.021.
Circumferential									
			Elbow to Pipe Comments ac This weld was limited exam.	ided per ONS added to the	S2-123: e plan as a re	esult of PIP	0-12-9429, which	requires an alternative	weld be substituted for a previously
O2.C5.21.0645	2HP-227-9 Class 2 51A	2HP-227 O-ISIN4-101A-2.3	PDI-UT-2	UT	SS	160	0.438 / 3.000	PDI-UT-2-0 PDI-UT-2A-0	C05.021.
Circumferential								50275	
			Elbow to Pipe Comments ad This weld was limited exam.	ided per ONS added to the	S2-123: e plan as a re	esult of PIP	0-12-9429, which	requires an atternative	weld be substituted for a previously
O2.C5.21.0709	2-51A-17-135 Class 2 51A	2-51A-17 (3) O-ISIN4-101A-2.3	NDE-35	PT	SS	160	0.531 / 4.000		C05.021.
Circumferential									
			Elbow to Pipe Comments as This weld was limited exam.	ided per ONS sadded to the	S2-123: e plan as a re	esult of PIP	0-12-9429, which	requires an alternative	weld be substituted for a previously

Oconee 2, 4th Interval, outage 6 (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 C-F-1									
O2.C5.21.0709	2-51A-17-135		<u> </u>						
	Class 2 51A	2-51A-17 (3) O-ISIN4-101A-2.3	PDI+UT-2	UT	SS	160	0.531 / 4.000	PDI-UT-2-0 PDI-UT-2A-0	C05.021 .
Circumferential								50275	
			Elbow to Pipe Comments ac This weld was limited exam.	ided per ONS added to the	62-123: 9 plan as a re	sult of PIP	0-12-9429, which	n requires an alternative	weld be substituted for a previously
O2.C5.21.0714	2-51A-17-88 Class 2 51A	2-51A-17 (2) O-ISIN4-101A-2.3	NDE-35	PT	SS	160	0.438 / 3.000		C05.021.
Circumferential									
			Elbow to Pipe Comments ac This weld was limited exam.	ided per ONS added to the	52-123: 9 plan es a re	sult of PIP	0-12-9429, which	n requires an alternative	weld be substituted for a previously
O2.C5.21.0714	2-51A-17-88						·······		
	Class 2 51A	2-51A-17 (2) O-ISIN4-101A-2.3	PDI-UT-2	UT	SS	160	0.438 / 3.000	PDI-UT-2A-0 PDI-UT-2-0	C05.021.
Circumferential								50225	
			Elbow to Pipe Comments at This weld was limited exam.	dded per ONS s added to th	S2-123: e plan as a re	sult of PIP	0-12-9429, which	n requires an alternative	weld be substituted for a previously

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Summary Num	Component ID Class / System) ISO/DWG Numbers 1	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-1									
O2.C5.21.0715	2-51A-17-87	· ·····	· · · · · · · · · · · · · · · · · · ·						
	Class 2 51A	2-51A-17 (2) O-ISIN4-101A-2.3	NDE-35	PT	SS	160	0.438 / 3.000		C05.021.
Circumferential									
			Elbow to Pipe Comments as This weld was limited exam.	e dded per ONS s added to the	S2-123; e plan as a re	sult of PIP	0-12-9429, w hich	requires an alternative w a	ld be substituted for a previously
O2.C5.21.0715	2-51A-17-87								
	Class 2 51A	2-51A-17 (2) O-1SIN4-101A-2.3	PDI-UT-2	UT	SS	160	0.438 / 3.000	PDI-UT-2A-0 PDI-UT-2-0	C05.021.
								50225	
Circumferential									
			Elbow to Pipe Comments a This weld wa limited exam	e dded per ON: s added to th	S2-123: le plan as a n	esult of PIP	O-12-9429, which	requires an alternative we	eld be substituted for a previously

Summary Num	Component II Class / Syster	D ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-2									
O2.C5.51.0003	2-MS8A-B				· · · · · · · · · · · · · · · · · · ·		····		
	Class 2 01A	2MS-124	NDE-600	UT	CS		1.164 / 36.000	Component	C05.051.003,
		0-ISIN4-122A-2.1 2MS-8A							C05.051.003A
Circumferential									
			Pipe to Reduce Subassembly Procedure NC 1 is used, the 124.	cing Y Fitting 2MS-8A. DE-600 uses in the calibrat	the compone ion block list	nt for calibra ad shall be u	ation. Procedure i Ised. This weld w	PDI-UT-1 may be used as listed on iso 2-01A-	l in lieu of procedure NDE-600. If PDI-UT- 5 (2) until it was transferred to iso 2MS-
			Code Case N Calc OSC-979	-663 allows u 96 Rev.1 for	is to exclude details on the	the surface exclusion o	exam from the Fo if surface exams.	ourth Interval ISI Plan.	See PIP G-08-00185 (CA # 10) and
O2.C5.51.0013	2MS-85-6								
	Class 2 01A	2MS-85	NDE-600	UT	CS		0.432 / 6.000	Component	C05.051.013,
		O-ISIN4-122A-2.1							CU5.U51.U 13A
Circumferential									
			Pipe to Valve Procedure NE 1 is used, the Code Case N Calc OSC-975	2MS-84 DE-600 uses (In the calibrat -663 allows u 96 Rev.1 for (the compone ion block list is to exclude details on the	nt for calibra ad shall be u the surface (exclusion o	ttion, Procedure I ised. exam from the Fo f surface exams.	PDI-UT-1 may be used ourth interval ISI Plan.	in lieu of procedure NDE-600. If PDI-UT- See PIP G-08-00185 (CA # 10) and

Summary Num	Component IE Class / System) ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-2									
O2.C5.51.0019	2FDW-225-15			• •				•••••••	
	Class 2 03	2FDW-225	NDE-600	UT	CS		1.219 / 24.000	Component	C05.051.019, C05.051.019A
		O-ISIN4-121B-2.3							
Circumferential									
			Pipe to Elbow Procedure NE 1 is used, the 03-18(1).) DE-600 uses In the calibrat	the compone tion block list	nt for calibri ad shall be u	ation. Procedure used. This weld u	PDI-UT-1 may be used in sed to be listed as 2-03-18	lieu of procedure NDE-600. If PDI-UT- 3-15 and was shown on isometric 2-
			Code Case N Calc OSC-97	-663 allows 1 96 Rev.1 for	us to exclude details on the	the surface exclusion o	exam from the Fo	ourth Interval ISI Plan. See	e PIP G-08-00185 (CA # 10) and
O2.C5.51.0039	2LPS-606-83					<u> </u>			
	Class 2 14B	2LPS-606	PDI-UT-1	UT	CS		0.500 / 8.000		C05.051.039, C05.051.039A
		O-ISIN4-124B-2.2						PDI-UT-1-O	003.001.0034
								PDI-UT-1A-O	
Circumferential									
			Tee to Pipe Procedure NI 1 is used, the redrawn.	DE-600 uses In the calibra	the compone tion block list	ent for calibri ed shall be i	ation. Procedure used. This weld w	PDI-UT-1 may be used in as listed previously as 2-1	lieu of procedure NDE-600. (f PDI-UT- 148-51-83 until iso 2-148-51 was
			Code Case N Calc OSC-97	-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

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-2									
O2.C5.51.0040	2LPS-606-86	·····							
	Class 2 14B	2LPS-606	PDI-UT-1	UT	CS		0.432 / 6.000		C05.051.040, C05.051.040A
		O-ISIN4-124B-2.2						PDI-UT-1-0	
								PDI-UT-1A-O	
Circumferential									
			Tee to Flange Procedure NC 1 is used, the redrawn.) DE-600 uses In the calibrat	the compone tion block list	ent for calibra ed shall be u	ation. Procedure used. This weld w	PDI-UT-1 may be used in ras listed previously as 2-1	lieu of procedure NDE-600. If PDI-UT- 14B-51-86 until iso 2-14B-51 was
			Code Case N Calc OSC-97	-663 allows (96 Rev.1 for	us to exclude details on the	the surface e exclusion o	exam from the F of surface exams	ourth Interval ISI Plan. Se	a PIP G-08-00185 (CA # 10) and
O2.C5.51.0041	2LPS-606-87								
	Class 2 14B	2LPS-606	PDI-UT-1	UT	CS		0.432 / 6.000		C05.051.041, C05.051.041A
		O-ISIN4-124B-2.2						PDI-UT-1-O	
								PDI-UT-1A-O	
Circumferential									
			Flange to Pip Procedure NI 1 is used, the redrawn.	e DE-600 uses en the calibra	the compon tion block list	ent for calibrited shall be i	ation. Procedure used. This weld v	PDI-UT-1 may be used in was listed previously as 2-	lieu of procedure NDE-600. If PDI-UT- 14B-51-87 until iso 2-14B-51 was
			Code Case N Calc OSC-97	1-663 allows (196 Rev.1 for	us to exclude details on th	e the surface e exclusion (exam from the F of surface exams	Fourth Interval ISI Plan. Se	e PIP G-08-00185 (CA # 10) and

Oconee 2, 4th Interval, outage 6 (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 C-F-2									
O2.C5.51.0048	2-20B-21-17-11) 							
	Class 2 20B	2-20B-21-17	NDE-600	UT	CS		0.500 / 48.000	Component	C05.051.048, C05.051.048A
		O-ISIN4-1 16A-2.1							
Circumferential									
			Pipe to Valve System 208-2 NDE-600. If P	2-208-21-1 21. Procedure DI-UT-1 is us	e NDE-600 us sed, then the	ses the com calibration	ponent for calibra block listed shall t	tion. Procedure Pl be used.	DI-UT-1 may be used in lieu of procedure
			Code Case N Calc OSC-97	-663 allows u 96 Rev.1 for (is to exclude details on the	the surface exclusion o	exam from the Fo	ourth Interval ISI P	lan. See PIP G-08-00185 (CA # 10) and
O2.C5.51.0049	2-20B-21-17-14	1							
	Class 2 20B	2-20B-21-17	NDE-600	UT	CS		0.500 / 48.000	Component	C05.051.049,
		O-ISIN4-116A-2.1							C05.051.049A
Circumferential									
			Pipe to Valve System 208-2 NDE-600. If P	2-208-21-6 21. Procedure DI-UT-1 is us	NDE-600 us sed, then the	ses the com calibration (ponent for calibra block listed shall t	tion. Procedure Pl be used.	DI-UT-1 may be used in lieu of procedure
			Code Case N Calc OSC-979	-663 allows u 36 Rev.1 for (s to exclude details on the	the surface exclusion (exam from the Fo of surface exams.	ourth Interval ISI P	an. See PIP G-08-00185 (CA # 10) and

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Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category C-F-2									
O2.C5.51.0050	2-14-238-17					<u></u>			
	Class 2 14	2-14-238	NDE-600	UT	CS		0.432 / 6.000	Component	C05.051.050,
		O-ISIN4-121D-2.1							CU5.U51.U5UA
Circumferential									
			Elbow to Pipe Procedure NC 1 is used, the	E-600 uses t the calibrati	the componer ion block liste	nt for calibra Id shall be u	ation. Procedure Ised.	PDI-UT-1 may be use	ed in lieu of procedure NDE-600. If PDI-UT-
			Code Case N Calc OSC-97	663 allows u 6 Rev.1 for (is to exclude t details on the	the surface exclusion o	exam from the Fo I surface exams.	ourth Interval IS) Plan	n. See PIP G-08-00185 (CA # 10) and
O2.C5.51.0051	2-14-238-18								
	Class 2 14	2-14-238	NDE-600	UT	CS		0.432 / 6.000	Component	C05.051.051, C05.051.051A
		O-ISIN4-121D-2.1							
Circumferential									
			Pipe to Elbow Procedure NE 1 is used, the	E-600 uses t the calibrat	the compone ion block liste	nt for calibra Id shall be u	ation. Procedure I Ised.	PDI-UT-1 may be use	ed in lieu of procedure NDE-600. If PDI-UT-
			Code Case N Calc OSC-97	-663 allows u 96 Rev.1 for (is to exclude t details on the	the surface exclusion o	exam from the Fo of surface exams.	ourth Intervai ISI Plar	n. See PIP G-08-00185 (CA # 10) and

Summary Num	Component ID ISO/DWG Number Class / System	rs Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category D-A								
O2.D1.20.0002	2-01A-1-0-1403C-R26 Class 3 01A 2-01-06/sht.2 O-ISIN4-122A-2.4	NDE-65	VT-1	NA		0.500 / 6.000		D01.020.002
Rigid Restraint								
		Calculation N	o. OSC-445.	Inspect with I	F01.031.001.			
					·			
O2.D1.20.0005	2-03A-1-0-1439C-H9 Class 3 03A 2-03A-06/sht.3 O-ISIN4-121D-2.1	NDE-65	VT-1	NA		0.312/6.000		D01.020.011
Rigid Restraint								
		Calculation N	o. OSC-459.	Inspect with	F01.031.021.			
	· · · · · · · · · · · · · · · · · · ·						<u> </u>	
O2.D1.20.0010	2-03A-1-0-1400A-H89 Class 3 03A 0-2TB-203A12-01 O-ISIN4-121D-2.1	NDE-65	VT-1	NA		0.750 / 6.000		D01.020.016
Rigid Restraint								
		Calculation N	D. OSC-121:	3. Inspect with	n F01.031.01	7.		

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category D-A									
O2.D1.20.0012	2-03A-1-0-1437A Class 3 03A 2 C	1-H5 1-03A-09/sht.3 D-ISIN4-121D-2.1	NDE-65	VT-1	NA	<u></u>	0.125 / 6.000	*****	D01.020.018
Rigid Support									
			Calculation N	o, OSC-450.	Inspect with	F01.030.017	7.		
O2.D1.20.0016	2-08-1-0-1400A-I Class 3 08 0 C	H1 D-2TB-20801-01 D-ISIN4-122A-2.4	NDE-65	VT-1	NA		0.237 / 10.000		D01.020.041
Spring Hgr									
			Calculation N	lo. OSC-1807	7. Inspect with	n F01.032.03	31.		
O2.D1.20.0019	2-14B-0-1439B-[DE188							
	Class 3 14B 4 (4-14-04/sht.2 D-ISIN4-124B-2.2	NDE-65	VT-1	NA		0.216 / 14.000		D01.020.062
Rigid Support									
			Calculation N	lo. OSC-474.	Inspect with	F01.030.077	7.		
Summary Num	Component II Class / Syster	D ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
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Category ELC	······································								
O2.H2.1.0008	2-PIA2-12 Class 1 50	ISI-OCN2-008 OM-1201-1521	NDE-35	ΡT	CS-Inconel		2.250 / 8.750		H02.001.008
Circumferential Dissimilar									
			Nozzle to Pipe RTE Mounting Reference Se	e g Boss Pc.5 ction 7 of th	i8 to Pipe Pc.56 ne ISI Plan, Gel	6. The diame neral Require	ter of hole that p ments.	enetrates the nozzle	e into the RCP 2A2 Suction Piping = .613.
			Comments ac Thickness / N	ided per ON PS validate	NS2-124: Id as shown on	Isometric. If	actual Thicknes	s / NPS is needed a	field measurement will be required.
O2.H4.1.0041	2-01A-0-1401E	3-R10						<u></u>	
	Class 2 01A	2-01-01/sht.1	NDE-25	MT	CS		1.000 / 36.500		H04.001.041,
		O-ISIN4-122A-2.1							H04.001.041A
Rigid Support									
			Calculation No (H04.001.0 Note: Magneti conjunction w Comments ac Support sketc	o. OSC-440 141A)Perfon ic Particle e ith liquid pe Ided per ON th shows Pij). m a Surface ex xaminations (w netrant examin NS2-124: pe Diameter as	am on the at vith the use of ations. 36.500 / OD	tachment welds. I procedure NDE	-25) may be perfor	ned on carbon steel material in lieu of or in

Oconee 2, 4th Interval, outage 6 (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 ELC									
O2.H4.1.0041	2-01A-0-1401B	-R10							
	Class 2 01A	2-01-01/sht.1	NDE-66	VT-3	CS		1.000 / 36.500		H04.001.041, H04.001.041A
		O-ISIN4-122A-2.1							
Rigid Support									
			Calculation N (H04.001.0 Note: Magnet conjunction w	o. OSC-440. 141A)Perform ic Particle ex ith liquid pen	a Surface ex aminations (v etrant examin	kam on the a vith the use o nations.	ttachment welds. If procedure NDE	-25) may be performed o	n carbon steel material in lieu of or in
			Comments as Support skets	Ided per ONS th shows Pipe	S2-124: e Diameter as	s 36.500 / O[D.		
O2.H4.1.0042	2-01A-0-1401B	-H19			······································				
	Class 2 01A	2-01-01/sht.2 O-ISIN4-122A-2.1	NDE-66	VT-3	NA		0.000 / 36.000		H04.001.042
Spring Hgr									
			Calculation N	o. OSC-440.					
02 44 1 0042	2 014 0 14010								- <u></u>
02.04.1.0043	Class 2 01A	2-01-01/sht.2 O-ISIN4+122A-2.1	NDE-66	VT-3	NA		0.000 / 36.000		H04.001.043
	•								
Rigid Support									
			Calculation N	lo. OSC-440.					

Component ID ISO/DWG Number Class / System	s Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
						·····	
2-01A-0-1401B-R12 Class 2 01A 2-01-01/shl.2 O-ISIN4-122A-2.1	NDE-66	VT-3	NA		0.000 / 36.000		H04.001.045
	Calculation N	lo. OSC-440.					
2-01A-0-1401B-H22 Class 2 01A 2-01-01/shi.2 O-ISIN4-122A-2.1	NDE-66	VT-3	NA		0.000 / 12.000		H04.001.046
	Calculation N	lo. OSC-440.					
2-01A-0-1401B-D12							······································
Class 2 01A 2-01-01/sht.1 O-ISIN4-122A-2.1	NDE-66	VT-3	NA		0.000 / 36.000		H04.001.048
	Calculation N	io. OSC-440.					
	Component ID ISC/DWG Number Class / System 2-01A-0-1401B-R12 Class 2 01A 2-01-01/sht.2 O-ISIN4-122A-2.1 2-01A-0-1401B-H22 Class 2 01A 2-01-01/sht.2 O-ISIN4-122A-2.1 2-01A-0-1401B-R13 Class 2 01A 2-01-01/sht.1 O-ISIN4-122A-2.1	Component ID Class / System ISO/DWG Numbers Procedure Description Comments 2-01A-0-1401B-R12 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 2-01A-0-1401B-H22 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 2-01A-0-1401B-H22 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 2-01A-0-1401B-H22 O-ISIN4-122A-2.1 NDE-66 Calculation N Calculation N 2-01A-0-1401B-R13 Class 2 01A 2-01-01/sht.1 NDE-66 O-ISIN4-122A-2.1 Calculation N Calculation N Calculation N	Component ID Class / System ISO/DWG Numbers Procedure Insp Req Description 2-01A-0-1401B-R12 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 VT-3 2-01A-0-1401B-H22 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 VT-3 2-01A-0-1401B-H22 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 VT-3 2-01A-0-1401B-H22 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 VT-3 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3	Component ID Class / SystemISO/DWG Numbers Description CommentsProcedure Insp ReqMaterial Description Comments2-01A-0-1401B-R12 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1NDE-66VT-3NA2-01A-0-1401B-H22 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1NDE-66VT-3NA2-01A-0-1401B-H22 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1NDE-66VT-3NA2-01A-0-1401B-H22 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1NDE-66VT-3NA2-01A-0-1401B-H22 O-ISIN4-122A-2.1NDE-66VT-3NA2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1NDE-66VT-3NA2-01A-0-1401B-R13 O-ISIN4-122A-2.1NDE-66VT-3NA	Component ID ISO/DWG Numbers Procedure Insp Req Material Sched 2-01A-0-1401B-R12 Class 2 01A 2-01-1/5hL2 NDE-66 VT-3 NA Class 2 01A 2-01-01/5hL2 NDE-66 VT-3 NA Class 2 01A 2-01-01/5hL2 NDE-66 VT-3 NA Calculation No. OSC-440. Calculation No. OSC-440. Calculation No. OSC-440. Calculation No. OSC-440. 2-01A-0-1401B-H22 Class 2 01A 2-01-01/5hL2 NDE-66 VT-3 NA Class 2 01A 2-01-01/5hL2 NDE-66 VT-3 NA Calculation No. OSC-440. Calculation No. OSC-440. Calculation No. OSC-440. Calculation No. OSC-440. Class 2 01A 2-01-01/5hL1 NDE-66 VT-3 NA Class 2 01A 2-01-01/shL1 NDE-66 <td>Component ID ISO/DWG Numbers Procedure Insp Req Material Sched Thick/NPS 2-01A-0-1401B-R12 Description Comments NA 0.000 / 36.000 2-01A-0-1401B-R12 NDE-66 VT-3 NA 0.000 / 36.000 0-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 2-01A-0-1401B-H22 Calculation No. OSC-440. Calculation No. OSC-440. 0.000 / 12.000 2-01A-0-1401B-H22 NDE-66 VT-3 NA 0.000 / 12.000 Class 2 01A 2-01-01/sht.2 NDE-66 VT-3 NA 0.000 / 12.000 Class 2 01A 2-01-01/sht.1 NDE-66 VT-3 NA 0.000 / 12.000 Calculation No. OSC-440. Calculation No. OSC-440.</td> <td>Component ID IS/DOWG Numbers Procedure Description Comments Insp Req Material Material Sched Thick/NPS Cal Blocks 2-01A-0-1401B-R12 Class 2 01A 2-01A-0-1401B-R12 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 2-01A-0-1401B-R12 Class 2 01A 2-01A-0-1401B-R12 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 12.000 2-01A-0-1401B-R12 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 12.000 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 Catcutation No. OSC-440. Catcutation No. OSC-440. Catcutation No. OSC-440. Catcutation No. OSC-440. <t< td=""></t<></td>	Component ID ISO/DWG Numbers Procedure Insp Req Material Sched Thick/NPS 2-01A-0-1401B-R12 Description Comments NA 0.000 / 36.000 2-01A-0-1401B-R12 NDE-66 VT-3 NA 0.000 / 36.000 0-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 2-01A-0-1401B-H22 Calculation No. OSC-440. Calculation No. OSC-440. 0.000 / 12.000 2-01A-0-1401B-H22 NDE-66 VT-3 NA 0.000 / 12.000 Class 2 01A 2-01-01/sht.2 NDE-66 VT-3 NA 0.000 / 12.000 Class 2 01A 2-01-01/sht.1 NDE-66 VT-3 NA 0.000 / 12.000 Calculation No. OSC-440. Calculation No. OSC-440.	Component ID IS/DOWG Numbers Procedure Description Comments Insp Req Material Material Sched Thick/NPS Cal Blocks 2-01A-0-1401B-R12 Class 2 01A 2-01A-0-1401B-R12 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 2-01A-0-1401B-R12 Class 2 01A 2-01A-0-1401B-R12 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 12.000 2-01A-0-1401B-R12 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 12.000 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL2 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 2-01A-0-1401B-R13 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 Class 2 01A 2-01-01/shL1 O-ISIN4-122A-2.1 NDE-66 VT-3 NA 0.000 / 36.000 Catcutation No. OSC-440. Catcutation No. OSC-440. Catcutation No. OSC-440. Catcutation No. OSC-440. <t< td=""></t<>

Oconee 2, 4th Interval, outage 6 (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 ELC									
O2.H6.1.0001	2-PEN-25-WHIP								
	Class 2 01A O-	60M	NDE-65	VT-1	NA		0.000 / 0.000		H06.001.001
	0-	-0494 -439A							
	·								
			Using a fibers penetration # is associated Timothy D Bro	cope, perform 25. Examine with the Feed own of the Oc	n a remote vi only the colls water Pipe V onee Design	sual (VT-1) (ar attachmen Vhip Restrain Basis Group	exam on the colla t weld located or nt located at Pen p.	ar attachment weld ion the East Penetration etration #25. Inspecti	cated inside of the guard pipe at Room side of the collar. This attachment on results should be forwarded to
O2.H6.1.0002	2-PEN-27-WHIP								
	Class 2 01A O- O- O-	-60M -0494 -439A	NDE-65	VT-1	NA		0.000 / 0.000		H06.001.002
			Using a fibers penetration # is associated D Brown of th	cope, perform 27. Examine with the Feed e Oconee De	n a remote vi only the coll wate Pipe W sign Basis G	isual (VT-1) (ar attachmen /hip Restrain /roup.	exam on the colle t weld located or t located at Pene	ar attachment weld lo n the East Penetratior atration # 27. Inspecti	cated inside of the guard pipe at I Room side of the collar. This attachment on results should be forwarded to Timothy
Category F-A									
O2.F1.10.0003	2-51A-0-1479A-H	5B							504 040 040
	Class 1 51A 2- O-	-151-24 -151N4-101A-2.4	NDE-66	V1-3	NA		0.500 / 2.500		F01.010.013
Rigid Support									
			Calculation N HPI West Co	o. OSC-1323. olant Loop.					
				,					

Summary Num	Component II Class / Syster	D ISO/DWG Numbers m	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Component	et ID 2
Category F-A										
O2.F1.10.0008	2-59-0-1478A	H28								
	Class 1 59	2-51-12/sht.3 O-ISIN4-100A-2.1	NDE-66	VT-3	NA		0.000 / 1.500		F01.	010.051
Rigid Restraint										
			Calculation N	o. OSC-1660)-06.					
O2.F1.11.0010	2-59-0-1478D	-H6406								
	Class 1 59	0-2RB-25902-01 O-ISIN4-100A-2.1	NDE-66	VT-3	NA		0.000 / 1.500		F01.	.011.051
Rigid Restraint										
			Calculation N	o. OSC-133	0-06.					
O2.F1.12.0007	2-53-0-1478A	-H3								· · · · ·
	Class 1 53	0-2RB-25310-03 O-ISIN4-102A-2.1	NDE-66	VT-3	NA		0.280 / 12.000		F01.	.012.021
Hyd Snubber										
			Calculation N	o. OSC-132	D -06 .					

Summary Num	Component i Class / System) ISO/DWG Numbers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category F-A					<u></u>		*		
O2.F1.20.0003	2-01A-0-1481A	\-H4B				·····	······		
	Class 2 01A	2-01-08/sht.1 O-ISIN4-122A-2.1	NDE-66	VT-3	NA		0.500 / 26.000		F01.020.003
Rigid Support									
			Calculation N	o. OSC-1315	. Inspect with	n O2.C3.20.(0003.		
O2 E1 20 0011	2-14B-0-14394	-DE195			<u></u>				
GEN 1.20.0011	Class 2 14B	4-14-04/shl.3 O-ISIN4-124B-2.2	NDE-66	VT-3	NA		0.000 / 8.000		F01.020.023
Rigid Support									
			Calculation N	lo. OSC-474.					
O2 F1 20 0012	2-14-1478F-H	2005		<u></u>			<u> </u>	<u></u>	
	Class 2 14	0-2RB-203A13-03 O-ISIN4-121D-2.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.020.024
Rigid Support									
			Calculation N	io. OSC-1224	I-17.				

Summary Num	Component ID ISO/DWG Numbers Class / System	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cai Blocks	Compon ene t ID 2
Caregory F-A						• <u>•••</u> •••		
O2.F1.20.0016	Class 2 51B 0-2A8-25102-02 O-ISIN4-101A-2.3	NDE-66	VT-3	NA		0.750 / 6.000		F01.020.044
Rigid Support								
		Calculation N	lo. OSC-481.	. Inspect with	O2.C3.20.00	014.		
······								
O2.F1.20.0017	2-51A-6-0-435B-DE002 Class 2 51A 0-2AB-25102-02 O-ISIN4-101A-2.3	NDE-66	VT-3	NA		0.000 / 6.000		F01.020.045
Rigid Support								
		Calculation N	io. OSC-481					
<u> </u>		····			<u></u>			
02.F1.20.0027	2-51A-2-0-1439C-H18 Class 2 51A 2-51-18/sht.5 O-ISIN4-101A-2.4	NDE-66	VT-3	NA		0.000 / 4.000		F01.020.055
Rigid Restraint								
		Calculation N	lo. OSC-102	3. HPI System	n.			

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component ID ISO/DWG Numbers Class / System	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category F-A								
O2.F1.20.0031	2-51B-436J-DE057 Class 2 51B 0-2AB-25101-02 O-ISIN4-101A-2.2	NDE-66	VT-3	NA	<i></i>	0.000 / 3.000		F01.020.059
Rigid Support								
		Calculation N	o. OSC-479.					
O2.F1.20.0043	2-53B-438C-H5501 Class 2 53B 0-2AB-25302-01 O-ISIN4-102A-2.1	NDE-66	VT-3	NA	<u></u>	0.000 / 8.000		F01.020.081
Rigid Support								
		Calculation N	lo. OSC-493.					
O2.F1.20.0045	2-53B-5-0-1439C-H35 Class 2 53B 0-2AB-25302-01 O-ISIN4-102A-2.2	NDE-66	VT-3	NA		0.000 / 10.000		F01.020.083
Rigid Support								
		Calculation N	lo. OSC-493.					

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Summary Num	Component ID ISO/DWG N Class / System	umbers Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
O2.F1.20.0046	2-53B-5-0-1444-R13							······
	Class 2 53B 0-2AB-25302-0 O-ISIN4-102A-	02 NDE-66 2.2	VT-3	NA		0.000 / 10.000		F01.020.084
Rigid Support								
		Calculation N	o. OSC-493.					
02 51 21 0002	2.024 1.0 14204 05027							
GE.F J.Z 1.0002	Class 2 03A 2-03A-05/sht.1 O-1SIN4-121D	NDE-66 2.1	VT-3	NA		0.000 / 6.000		F01.021.012
Rigid Restraint								
		Calculation N	0. OSC-447.					
02 51 21 0000						·····	 	
02.11.21.0005	Class 2 14B 2-14-14/sht.1 O-ISIN4-124B	NDE-66 2.2	VT-3	NA		1.500 / 8.000		F01.021.027
Rigid Restraint								
		Calculation N	o. OSC-1325	5-06.				

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component ID ISO/DWG Numbers Class / System	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category F-A								
O2.F1.21.0018	2-51A-0-1439B-H173 Class 2 51A 2-51-18/sht.1 O-ISIN4-101A-2.4	NDE-66	VT-3	NA		0.750 / 4.000		F01.021.046
Rigid Restraint								
		Calculation N	o. OSC-1023	3. HPI System).			
O2.F1.21.0019	2-51A-1-0-435B-SR52 Class 2 51A 2-51-18/sht.3 O-ISIN4-101A-2.3	NDE-66	VT-3	NA		0.000 / 4.000		F01.021.047
Rigid Restraint								
		Calculation N HPI System.	o. OSC-102	3.				
O2.F1.21.0028	2-53B-0-435B-DE051 Class 2 53B 0-2AB-25301-04 O-ISIN4-102A-2.2	NDE-66	VT-3	NA		0.750 / 14.000	· · · · · · · · · · · · · · · · · · ·	F01.021.062
Rigid Restraint								
		Calculation N	lo. OSC-487	•				

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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									
O2.F1.22.0005	2-01A-0-1481A	-H6B							
	Class 2 01A	2-01-08/sht.1 O-ISIN4-122A-2.1	NDE-66	VT-3	NA		0.000 / 26.000		F01.022.005
Constant Support									
			Calculation No	o. OSC-1315.					
O2.F1.22.0012	2-51A-3-0-437	B-H70							
	Class 2 51A	0-2AB-25101-04 O-ISIN4-101A-2.1	NDE-66	VT-3	NA		0.375 / 4.000		F01.022.041
Spring Hgr									
			Calculation N	o. OSC-479.	Inspect with (02. C3.2 0.0	018.		
O2.F1.22.0015	2-51A-2-0-143 Class 2 51A	9C-H17 2-51-18/shl.5	NDE-66	VT-3	NA		0.000 / 4.000		F01.022.044
		O-ISIN4-101A-2.4							
Spring Hgr									
			Calculation N HPI System.	0. OSC-1023					

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								······································	
O2.F1.22.0020	2-53B-5-0-435B Class 2 53B	B-DE057 0-2AB-25301-03 O-ISIN4-102A-2.2	NDE-66	VT-3	NA		0.000 / 10.000		F01.022.054
Mech Snubber									
			Calculation N	o. OSC-487.					
						· ····································			
O2,F1.22.0027	2-56-2-0-438C- Class 2 56	H16 4-56-02/sht.5 O-ISIN4-104A-1.1	NDE-66	VT-3	NA		0.000 / 8.000		F01.022.071
Spring Hgr									
			Calculation N	o. OS-421.					
									······································
O2.F1.30.0003	2-01A-0-1403D Class 3 01A	0-DE017 2-01-06/sht. 1 0-ISIN4-122A-2.4	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.003
Rigid Support									
			Calculation N	lo. OSC-445.					

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									
O2.F1.30.0006	2-03A-1-0-1439B Class 3 03A 2 C	2-03A-06/sht.1 D-ISIN4-121D-2.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.013
Rigid Support									
			Calculation No	D. OSC-459.					
O2.F1.30.0009	2-03A-1-0-1400B Class 3 03A 2 (3-H41 2-03A-08/sht.4 D-ISIN4-121D-2.1	NDE-66	VT-3	NA		0.000 / 6.000	<u> </u>	F01.030.016
Rigid Support									
			Calculation N	o. OSC-449.					
O2.F1.30.0010	2-03A-1-0-1437A Class 3 03A 2 (A-H5 2-03A-09/sht.3 D-ISIN4-121D-2.1	NDE-66	VT-3	NA		0.125 / 6.000	<u> </u>	F01.030.017
Rigid Support									
			Calculation N	o. OSC-450.	Inspect with (001.020.018	3.		

Summary Num	Component IE Class / System) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cel Blocks	Component ID 2
Category F-A			e e i i i i i i i i i i i i i i i i i i						
O2.F1.30.0017	2-03A-1401B-0	DE019							
	Class 3 03A	2-03A-05/sht.5 O-ISIN4-121D-2.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.024
Rigid Support									
			Calculation N	o. OSC-447,					
02 Et 20 0025	0.074.6.0.140								
Q2.F1.30.0025	Class 3 07A	0-2TB-20701-02 O-ISIN4-121A-2.8	NDE-66	VT-3	NA		0.000 / 20.000		F01.030.042
Rigid Support									
			Calculation N	o. OSC-467.					
O2.F1.30.0031	2-08-14004-H							• · · ·	•
	Class 3 08	0-2TB-20801-01 O-ISIN4-122A-2.4	NDE-66	VT-3	NA		0.000 / 10.000		F01.030.051
Rigid Support									
			Calculation N	o. OSC-1807					
				·					

Oconee 2, 4th Interval, outage 6 (EOC-26)

Component ID Class / System	ISO/DWG Numb ers	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Component ID 2
2-14B-1437A-S Class 3 14B	R51 2-14-06/shL3 O-ISIN4-124B-2.1	NDE-66	VT-3	NA		0.000 / 20.000		F01.030.076
		Calculation N	0. OSC-475.					
2-14B-0-1439B Class 3 14B	-DE188 4-14-04/sht.2 O-ISIN4-124B-2.2	NDE-66	VT-3	NA		0.216 / 14.000	<u></u>	F01.030.077
		Calculation N	o. OSC-474.	Inspect with f	D01.020.06	2.		
2-57-0-1481A- Class 3 57		NDE-66	VT-3	NA		0.000 / 8.000	<u></u>	F01.030.081
		Calculation N	lo. OSC-133	2-06.				
	Component ID Class / System 2-14B-1437A-S Class 3 14B 2-14B-0-1439B Class 3 14B Class 3 14B	Component ID ISO/DWG Numbers Class / System 2-14B-1437A-SR51 Class 3 14B 2-14-06/shL3 O-ISIN4-124B-2.1 2-14B-0-1439B-DE 188 Class 3 14B 4-14-04/shL2 O-ISIN4-124B-2.2 2-57-0-1481A-H6 Class 3 57 0-2RB-25701-01 O-ISIN4-100A-2.2	Component ID Class / SystemISO/DWG Numbers Description Comments2-14B-1437A-SR51 Class 3 14B 2-14-06/shL3 O-ISIN4-124B-2.1NDE-662-14B-0-1439B-DE188 Class 3 14B 4-14-04/sht.2 O-ISIN4-124B-2.2NDE-662-14B-0-1439B-DE188 Class 3 14B 4-14-04/sht.2 O-ISIN4-124B-2.2NDE-662-14B-0-1439B-DE188 Class 3 14B 4-14-04/sht.2 O-ISIN4-124B-2.2NDE-662-14B-0-1439B-DE188 Class 3 14B 4-14-04/sht.2 O-ISIN4-124B-2.2NDE-660-ISIN4-124B-2.2NDE-660-ISIN4-124B-2.2Calculation N2-57-0-1481A-H6 Class 3 57 0-2RB-25701-01 O-ISIN4-100A-2.2NDE-660-ISIN4-100A-2.2Calculation N	Component ID Class / System ISO/DWG Numbers Procedure Description Comments Insp Req Description 2-14B-1437A-SR51 Class 3 14B 2-14-06/shL3 O-ISIN4-124B-2.1 NDE-66 VT-3 2-148-0-1439B-DE188 Class 3 14B 4-14-04/shL2 O-ISIN4-124B-2.2 NDE-66 VT-3 2-148-0-1439B-DE188 Class 3 14B 4-14-04/shL2 O-ISIN4-124B-2.2 NDE-66 VT-3 2-148-0-1439B-DE188 Class 3 14B 4-14-04/shL2 O-ISIN4-124B-2.2 NDE-66 VT-3 2-57-0-1481A-H6 Class 3 57 O-ISIN4-124B-2.2 NDE-66 VT-3 2-57-0-1481A-H6 Class 3 57 O-ISIN4-100A-2.2 NDE-66 VT-3 Calculation No. OSC-133 Calculation No. OSC-133 NDE-66 VT-3	Component ID ISO/DWG Numbers Procedure Insp Req Material Description Class / System 2010/0000000000000000000000000000000000	Component ID ISO/DWG Numbers Procedure Insp Req Material Sched 2:14B-1437A-SR51 Class 3 14B 2:14-06/shL3 NDE-66 VT-3 NA 2:14B-0-1439B-DE 188 O-ISIN4-124B-2.1 NDE-66 VT-3 NA 2:14B-0-1439B-DE 188 Class 3 14B 4:14-04/shL2 NDE-66 VT-3 NA Calculation No. OSC-474. Inspect with D01.020.06 Calculation No. OSC-474. Inspect with D01.020.06 2:57-0:1481A-H6 Class 3 57 0:2RB-25701-01 NDE-66 VT-3 NA Calculation No. OSC-1332-06. Calculation No. OSC-1332-06. Calculation No. OSC-1332-06.	Component ID ISO/DWG Numbers Procedure Insp Req Material Sched Thick/NPS 2:14B-1437A-SR51 Class 3 14B 2:14-06/shL3 NDE-66 VT-3 NA 0.000 / 20.000 2:14B-0-1439B-DE188 Class 3 14B 4:14-04/shL2 NDE-66 VT-3 NA 0.000 / 20.000 2:14B-0-1439B-DE188 Class 3 14B 4:14-04/shL2 NDE-66 VT-3 NA 0.216 / 14.000 Class 3 14B 4:14-04/shL2 NDE-66 VT-3 NA 0.216 / 14.000 Class 3 14B 4:14-04/shL2 NDE-66 VT-3 NA 0.216 / 14.000 Class 3 14B 4:14-04/shL2 NDE-66 VT-3 NA 0.216 / 14.000 Class 3 57 0-28B-25701-01 NDE-66 VT-3 NA 0.000 / 8.000 Class 3 57 0-28B-25701-01 NDE-66 VT-3 NA 0.000 / 8.000 Calculation No. OSC-1332-06. Calculation No. OSC-1332-06. Calculation No. OSC-1332-06. Calculation No. OSC-13	Component ID Class / System ISO//DWG Numbers Procedure Description Comments Inspect with Sched Thick/NPS Cal Blocks 2:145-1437A-SR51 Class 3 2:140-1437A-SR51 O-15IN4-124B-2.1 NDE-66 VT-3 NA 0.000 / 20.000 2:148-0-1439B-DE188 Class 3 148 4-14-04/sht.2 O-15IN4-124B-2.2 NDE-66 VT-3 NA 0.216 / 14.000 2:148-0-1439B-DE188 Class 3 148 4-14-04/sht.2 O-15IN4-124B-2.2 NDE-66 VT-3 NA 0.216 / 14.000 2:148-0-1439B-DE188 Class 3 148 4-14-04/sht.2 O-15IN4-124B-2.2 NDE-66 VT-3 NA 0.216 / 14.000 2:57-0-1481A-H6 Class 3 57 0-28B-25701-01 O-15IN4-100A-2.2 NDE-66 VT-3 NA 0.000 / 8.000 2:57-0-1481A-H6 Class 3 57 0-28B-25701-01 O-15IN4-100A-2.2 NDE-66 VT-3 NA 0.000 / 8.000 2:57-0-1481A-H6 Class 3 57 0-28B-25701-01 O-15IN4-100A-2.2 NDE-66 VT-3 NA 0.000 / 8.000 2:57-0-1481A-H6 Class 3 57 0-28B-25701-01 O-15IN4-100A-2.2 NDE-66 VT-3 NA 0.000 / 8.000

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Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component ID Class / System	ISO/DWG Numbers	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cel Blocks	Componenet ID 2
Category F-A									المحمد والمحمد
Q2.F1.31.0001	2-01A-1-0-140 Class 3 01A	3C-R26 2-01-06/sht.2 O-ISIN4-122A-2.4	NDE-66	VT-3	NA		0.500 / 6.000		F01.031.001
Rigid Restraint									
			Calculation N	0. OSC-445.	Inspect with	D01.020.00	2.		
O2.F1.31.0006	2-03A-1-0-140 Class 3 03A	1B-SR7 2-03A-05/sht.5 O-ISIN4-121D-2.1	NDE-66	VT-3	NA	<u> </u>	0.000 / 6.000		F01.031.015
Rigid Restraint									
			Calculation N	lo. OSC-447.					
O2.F1.31.0008	2-03A-1-0-140 Class 3 03A	0A-H89 0-2TB-203A12-01 O-ISIN4-121D-2.1	NDE-66	vt-3	NA		0.750 / 6.000		F01.031.017
Rigid Restmint									
			Calculation N	10. OSC-121	3. Inspect wit	h D01.020.0	01 6 .		

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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									
O2.F1.31.0012	2-03A-1-0-1439 Class 3 03A	C-H9 2-03A-06/sht.3 O-ISIN4-121D-2.1	NDE-66	VT-3	NA		0.312 / 6.000		F01.031.021
Rigid Restraint									
			Calculation N	o. OSC-459.	Inspect with (001,020.011	l.		
O2.F1.31.0016	2-08-1401B-H1 Class 3 08	1 0-2TB-20801-02 O-ISIN4-122A-2.4	NDE-66	VT-3	NA		0.000 / 10.000	·····	F01.031.041
Rigid Restraint									
			Calcutation N	o. OSC-1807					
O2.F1.32.0007	2-03A-1-0-1401 Class 3 03A	B-SR101PO 2-03A-08/sht.4 O-ISIN4-121D-2.1	NDE-66	VT-3	NA		0.000 / 6.000	<u></u>	F01.032.015
Hyd Snubber									
			Calculation N	o. OSC-449.					

Summary Num	Component II Class / System) ISO/DWG Numbers n	Procedure Description Comments	Insp Req	Material	Sched	Thick/NPS	Cel Blocks	Componenet ID 2
Category F-A									
O2.F1.32.0010	2-08-1-0-1400	A-H1							
	Class 3 08	0-2TB-20801-01 O-ISIN4-122A-2.4	NDE-66	VT-3	NA		0.237 / 10.000		F01.032.031
Spring Hgr							•		
			Calculation No	o. OSC-1807.	Inspect with	D01.020.04	41.		
02 E1 40 0001	2 DDV/WD26								<u> </u>
02.11.40.0001	Class 1	ISI-OCN2-001 O-ISIN4-100A-2.1 OM-1201-454	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.001
			Reactor Vess	el Support Sk	irt to Transiti	on Piece. A	dditional drawing (DM-1201-455.	
O2.F1.40.0007	2-BWS-TANK Class 2	OM-2201-832 O-ISIN4-102A-2.1 OM-1201-80	NDE-66	VT-3	NA	<u></u>	0.000 / 0.000	<u> </u>	F01.040.007
			Borated Wate	er Storage Tar	nk Support.				

Oconee 2, 4th Interval, outage 6 (EOC-26)

Summary Num	Component IE Class / System) ISO/DWG Numbers 1	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks	Componenet ID 2
Category F-A									
O2.F1.40.0015	2-RBS-PU-B Class 2	OM-201-427 O-ISIN4-103A-2.1 OM-201-1704	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.015
			Reactor Build	ling Spray Pu	imp 28 Supp	ort Legs & P	ad.		
O2.F1.40.0016	2-SSF-AUX-S	N-PU							CO1 040 045
	Class 3	OM-208-122 O-ISIN4-133A-2.5	NDE-66	VT-3	NA		0.000 / 0.000		FU1.040.016
			SSF Auxillary	v Service Wa	ter Pump Sur	oport.			
02 E1 40 0022	2.BCP-SS-FT	<u></u>		· · • • • • • • • • •				<u></u>	
JE.T 1.90.0022	Class 2	OM-201-473 O-ISIN4-101A-2.4 O-1444	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.022

Reactor Coolant Pump Seal Supply Filter 2A Support.

		т	his report incl	udes all ch	anges throu	ugh adden	dum ONS2-13	l		
			Od	on ce 2, 4th l	Interval, outa	ge 6 (EOC-2	26)			
Summary Num	Component II Class / System	D ISO/DWG Numbers n	Procedure Description Comments	insp Req	Material	Sched	Thick/NPS	Cal Blocks		Componenet ID 2
Category F-A										
O2.F1.40.0023	2-ESVP-A				<u></u>					<u> </u>
	Class 3	OM-212-0014 O-ISIN4-130A-2.1	NDE-66	VT-3	NA		0.000 / 0.000			F01.040.023
			Essential Sip	hon Vacuum	Pump 2A Sup	oport.				
02 51 40 0028	2.50.DCBM.28	P2 55 2		<u></u>						
62.1 1.90.002D	Class 1	0-1066A O-ISIN4-100A-2.1 O-ISIN4-100A-2.3	NDE-66	VT-3	NA		0.000 / 6.000			F01.040.028
Hyd Snubber										
			Calcutation N	10. OSC-09 91	1-01-0001, Re	actor Coolar	nt Pump 2B2 Mot	or Snubbers. Refer	ence PIP 0-OS	₩-1575.
		·····			End of A	eport				
	STAT	ISTICS ONLY Class	1 149 Cla	iss 2 80	Class 3 25	5 Tota	a by Class 254	System	s 254	Total Count 254

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

The results of each examination shown in the final Inservice Inspection Plan Report (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>

2EOC 26 (Outage 6) did not have any 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 problems that required corrective action during this report period.

4.3 <u>Corrective Measures</u>

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

4.4 Limited Examinations

Limited examinations (i.e., 90% or less of the required examination coverage obtained) identified during 2EOC 26 (Outage 6) are shown in the table below.

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

Summary Number	Description of Limitation
O2.B1.11.0003	See PIP O-14-00547 for corrective action on this limitation
O2.B1.11.0004	See PIP O-14-00547 for corrective action on this limitation
O2.B1.21.0001	See PIP O-14-00547 for corrective action on this limitation
O2.B3.110.0009	See PIP O-14-00547 for corrective action on this limitation
O2.B3.110.0010	See PIP O-14-00547 for corrective action on this limitation
O2.B3.110.0011	See PIP O-14-00547 for corrective action on this limitation
O2.B3.150.0003	See PIP O-14-00547 for corrective action on this limitation
O2 B3 150.0004	See PIP O-14-00547 for corrective action on this limitation
O2.C1.30.0001	See PIP O-14-00547 for corrective action on this limitation
02.C5.21.0011	See PIP 0-14-00547 for corrective action on this limitation
O2.F1.40.0001	See PIP 0-14-00547 for corrective action on this limitation

Scheduleworks

DUKE ENERGY CORPORATION QUALITY ASSURANCE TECHNICAL SERVICES

Inservice Inspection Database Management System

Inspection Results

Oconee 2, 4th Interval, Outage 6 (EOC-26)

Examination results for 2EOC26											
Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment			
O2.B1.11.0001	2-RPV-WR1A	50		REC	N	N	N	Arava 51-9213066			
								Indications acceptable per IWB-3510. Reference Areva Report 51-9213066 for results.			
O2.B1.11.0002	2-RPV-WR1	50		REC	N	N	N	Areva 51-9213066			
								Indications acceptable per IWB-3510. Reference Areva Report 51-9213066 for results.			
O2.B1.11.0003	2-RPV-WR18	50		REC	Y	N	Y	Areva 51-9213066			
								Indications acceptable per IWB-3510. Reference Areva Report 51-9213066 for results. Percent of Coverage < 90% Relief Request required. Reference PIP O-14- 00547.			
O2.B1.11.0004	2-RPV-WR34	50		REC	Y	N	Y	Areva 51-9213066			
								Indications acceptable per IWB-3510. Reference Areva Report 51-9213066 for results. Percent of Coverage < 90% Relief Request required. Reference PIP O-14- 00547.			
O2.B1.21.0001	2-RPV-WR35	50		REC	Y	N	Y	Areva 51-9213066			
								Indications acceptable per IWB-3510. Reference Areva Report 51-9213066 for results. Percent of Coverage < 90% Relief Request required. Reference PIP O-14- 00547.			
O2.B1.30.0001	2-RPV-WR19	50		REC	Ŷ	N	N	Areva 51-9213066			
								Indications acceptable per IWB-3510. Reference Areva Report 51-9213066 for results. Percent of Coverage > 90% no Relief Request required.			

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Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.B13.10.0001	2-RPV-INT-SURFACE	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.B13.50.0001	2RPV-INT-LUGS	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.B13.60.0001		50		CLR	N	N	N	Areva 51-9213068
	WELDS							Reference Areva Report 51-9213068 for data.
O2.B13.60.0002	FLOW STABILIZERS	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.B13.70.0001	2-RPV-INTERNALS	50		REC	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data. Reference PIP's O-13-11569 and O- 13-13047 for indication evaluations.
O2.B14.10.0013	2-RPV-CRD-67WH9	50	11/10/13	CLR	N	N	N	PT-13-439
O2.B14.10.0014	2-RPV-CRD-67W60	50	11/08/13	CLR	N	N	N	PT-13-436
O2.B14.10.0015	2-RPV-CRD-67	50	11/08/13	CLR	N	N	N	PT-13-437
O2.B14.10.0016	2-RPV-CRD-67W61	50	11/08/13	CLR	N	N	N	PT-13-438
O2.B15.210.0001	2RC-278-66	50	10/14/13	CLR	N	N	N	VT-1 3-1 157
O2.B15.210.0002	2RC-278-70V	50	10/14/13	CLR	N	N	N	VT-13-1158

Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment	
O2.B15.210.0003	2RC-277-50	50	10/14/13	CLR	N	N	N	VT-13-1159	
O2.B15.210.0004	2RC-277-71V	50	10/14/13	CLR	N	N	N	VT-13-1160	
O2.B15.210.0005	2RC-278-23	50	10/14/13	CLR	N	N	N	VT-13-1161	
O2.B15.210.0006	2RC-278-69	50	10/14/13	CLR	N	N	N	VT-13-1162	
O2.B15.210.0007	2RC-277-24	50	10/14/13	CLR	N	N	N	VT-13-1163	
O2.B15.210.0008	2RC-277-70	50	10/14/13	CLR	N	N	N	VT-13-1164	
O2.B15.210.0009	2-PHA-13	50	10/14/13	CLR	N	N	N	VT-13-1165	
O2.B15.210.0010	2-PHA-14	50	10/14/13	CLR	N	N	N	VT-13-1166	
O2.815.210.0011	2-PHA-15	50	10/14/13	CLR	N	N	N	VT-13-1167	
O2.B15.210.0012	2-PHB-13	50	10/14/13	CLR	N	N	N	VT-13-1168	
O2.B15.210.0013	2-PHB-14	50	10/14/13	CLR	N	N	N	VT-13-1169	
O2.B15.210.0014	2-PHB-15	50	10/14/13	CLR	N	N	N	VT-13-1170	
O2.B15.210.0015	2SGA-HL-CON-36	50	10/14/13	CLR	N	N	N	VT-13-1171	
O2.B15.210.0016	2SGB-HL-CON-27	50	10/14/13	CLR	N	N	N	VT-13-1172	· · · · · · · · · · · · · · · · · · ·

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.B15.215.0013	2-PDB2-11	50	10/14/13	CLR	N	N	N	VT-13-1183
O2.B15.80.0001	2-RPV-BMI-NOZZLES	50	10/13/13	CLR	N	N	N	VT-13-1181
O2.B2.51.0001	2-LDCB-OUT-WJ35V	51A	11/03/13	CLR	N	N	N	UT-13-1184 (Page 1)
		51A	11/03/13	CLR	N	N	N	UT-13-1184 (Page 2)
O2.B2.51.0002	2-LDCB-IN-WJ32V	51A	11/03/13	CLR	N	Y	N	UT-13-1185 (Page 1)
		51A	11/03/13	CLR	N	Y	N	UT-13-1185 (Page 2)
O2.B2.60.0001	2-LDCB-IN-WJ31V	51A	11/03/13	CLR	N	Y	N	UT-13-1182 (Page 1)
		51A	11/03/13	CLR	N	Y	N	UT-13-1182 (Page 2)
O2.B2.60.0002	2-LDCB-OUT-WJ34V	51A	11/03/13	CLR	N	Y	N	UT-13-1183 (Page 1)
		51A	11/03/13	CLR	N	Y	N	UT-13-1183 (Page 2)
O2.B3.100.0001	2-RPV-WR13	50		CLR	N	N	N	Áreva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.B3.100.0002	2-RPV-WR13A	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.B3.100.0003	2-RPV-WR12	50	·····	CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.B3.100.0004	2-RPV-WR12A	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.83.100.0005	2-RPV-WR12B	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.B3.100.0006	2-RPV-WR12C	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.B3.100.0007	2-RPV-WR54	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2,B3.100.0008	2-RPV-WR54A	50		CLR	N	N	N	Areva 51-9213068
								Reference Areva Report 51-9213068 for data.
O2.B3.110.0009	2-PZR-WP26-1	50	10/24/13	CLR	Y	N	Y	UT-13-1169
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/24/13	CLR	Y	N	Y	UT-13-1170 (Page 1)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/24/13	CLR	Y	Ν	Y	UT-13-1170 (Page 2)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/24/13	CLR	Y	N	Y	UT-13-1170 (Page 3)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/24/13	CLR	Y	N	Y	UT-13-1170 (Page 4)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.

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Summary No	Component ID	System	Insp Dat e	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.83.110.0010	2-PZR-WP26-2	50	10/24/13	CLR	Y	N	Y	UT-13-1171
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/24/13	CLR	Y	N	Y	UT-13-1172 (Page 1)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/24/13	CLR	Y	N	Y	UT-13-1172 (Page 2)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/24/13	CLR	Y	N	Y	UT-13-1172 (Page 3)
								Percent of Coverage < 90% Relief Request required. Reterence PIP O-14-00547.
		50	10/24/13	CLR	Y	N	Y	UT-13-1172 (Page 4)
								Percent of Coverage < 90% Relief Request required. Reference PIP 0-14-00547.
O2.B3.110.0011	2-PZR-WP26-3	50	10/23/13	CLR	Y	N	Y	UT-13-1174
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/24/13	CLR	Y	N	Y	UT-13-1175 (Page 1)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/23/13	CLR	Y	N	Y	UT-13-1175 (Page 2)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		50	10/23/13	CLR	Y	N	Y	UT-13-1175 (Page 3)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
O2.B3.120.0010	2-PZR-WP26-2	50	10/24/13	CLR	N	N	N	UT-13-1173 (Page 1)
		50	10/24/13	CLR	N	N	N	UT-13-1173 (Page 2)

Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.B3.120.0010	2-PZR-WP26-2	50	10/24/13	CLR	N	N	N	UT-13-1173 (Page 3)
O2.B3.150.0003	2-LDCB-IN-WJ33V	51A	11/03/13	CLR	Y	N	Y	UT-13-1186 (Page 1)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		51A	11/03/13	CLR	Y	N	Y	UT-13-1186 (Page 2)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		51A	11/03/13	CLR	Y	N	Y	UT-13-1186 (Page 3)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
O2.B3.150.0004	2-LDCB-OUT-WJ36V	51A	11/03/13	CLR	Y	N	Y	UT-13-1187 (Page 1)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		51A	11/03/13	CLR	Y	N	Y	UT-13-1187 (Page 2)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
		51A	11/03/13	CLR	Y	N	Y	UT-13-1187 (Page 3)
								Percent of Coverage < 90% Relief Request required. Reference PIP O-14-00547.
O2.B3.160.0003	2-LDCB-IN-WJ33V	51A	<u></u>	CLR	N	N	N	UT-NA
								Exam not required. Reference RFR 04-0N-015.
O2.B3.160.0004	2-LDCB-OUT-WJ36V	51A		CLR	N	N	N	UT-NA
								Exam not required. Reference RFR 04-0N-015.
O2.B3.90.0001	2-RPV-WR13	50		REC	Y	N	N	Areva 51-9213066
								Indications acceptable per IWB-3512-1. Percent of Coverage > 90% no Relief Request required. Reference Areva Report 51-9213066 for data.

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.B3.90.0002	2-RPV-WR13A	50		REC	Y	N	N	Areva 51-9213066
								Indications acceptable per IWB-3512-1. Percent of Coverage > 90% no Relief Request required. Reference Areva Report 51-9213066 for data.
O2.B3.90.0003	2-RPV-WR12	50		REC	Y	N	N	Areva 51-9213066
								Indications acceptable per IWB-3512-1. Percent of Coverage > 90% no Relief Request required. Reference Areva Report 51-9213066 for data.
O2.B3.90.0004	2-RPV-WR12A	50		REC	Y	N	N	Areva 51-9213066
								Indications acceptable per IWB-3512-1. Percent of Coverage > 90% no Relief Request required. Reference Areva Report 51-9213066 for data.
O2.83.90.0005	2-RPV-WR128	50		REC	Y	N	N	Areva 51-9213066
								Indications acceptable per IWB-3512-1. Percent of Coverage > 90% no Relief Request required. Reference Areva Report 51-9213066 for data.
O2.B3.90.0006	2-RPV-WR12C	50		REC	Y	N	N	Areva 51-9213066
								Indications acceptable per IWB-3512-1. Percent of Coverage > 90% no Relief Request required. Reference Areva Report 51-9213066 for data.
O2.B3.90.0007	2-RPV-WR54	50		REC	N	N	N	Areva 51-9213066
								Indications acceptable per IWB-3512-1. Reference Areva Report 51-9213066 for data.
O2.B3.90.0008	2-RPV-WR54A	50	<u> </u>	REC	N	N	N	Areva 51-9213066
								Indications acceptable per IWB-3512-1. Reference Areva Report 51-9213066 for data.

Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.84.40.0001	2-RPV-HEAD-PEN	50		CLR	Y	Ν	N	Areva 51-9213064
								Some limitations occurred on some of the nozzles but all were >90%. No relief required, Reference Areva Report 51-9213064. The required 10 CFR 50.55a examination coverage was achieved for all penetrations. Although thirty five (35) penetrations obtained slightly less than 100% coverage (ranging from 94.1% to 99.3%) they meet the NRC definition of essentially 100% coverage which is defined as greater than 90% in 10CFR 50.55a (g)(6)(ii)(D)(3). A record of the coverage obtained for each nozzle is provided in the "Examination Summary Table" included in this report.
O2.85.10.0001	2-RPV-WR53	50		CLR	. N	N	N	Areva 51-9213066
								Reference Areva Report 51-9213066 for data.
O2.B5.10.0002	2-RPV-WR53A	50	<u> </u>	CLR	N	N	N	Areva 51-9213066
								Reference Areva Report 51-9213066 for data.
O2.86.180.0001	2-RCP-2A1-FB	50	10/23/13	CLR	N	N	N	UT-13-1156
O2.B6.180.0007	2-RCP-2B1-SEAL	50	10/20/13	CLR	N	N	N	UT-13-1131
O2.B6.200.0007	2-RCP-2B1-WASHER	50	10/19/13	CLR	N	N	N	VT-13-1177
O2.B7.20.0003	2-PZR-LHB-STUDS	50	10/22/13	CLR	N	N	N	VT-13-1178
O2.B7.30.0003	2-SGB-UMW-STUDS	50	10/13/13	CLR	N	N	N	VT-13-1173
O2.B7.30.0004	2-SGB-LMW-STUDS	50	10/16/13	CLR	N	N	N	VT-13-1174
O2.B9.11.0019	2-PHA-1	50		CLR	N	N	N	Areva 51-9213066
								Reference Areva Report 51-9213066 for data.

Summary No	Component ID	System	Insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.B9.11.0021	2-PHB-1	50		CLR	N	N	N	Areva 51-9213066
								Reference Areva Report 51-9213066 for data.
O2.B9.11.0032	2-PDA1-8	50		CLR	N	N	N	Areva 51-9213066
								Reference Areva Report 51-9213066 for data.
O2.B9.11.0033	2-PDA2-8	50		REC	N	N	N	Areva 51-9213066
								Indication acceptable per IWB-3514-1. Reference Areva Report 51-9213066 for data.
O2.B9.11.0034	2-PDB1-8	50		CLR	N	N	N	Areva 51-9213066
								Reference Areva Report 51-9213066 for data.
O2.B9.11.0035	2-PDB2-8	50		CLR	N	N	N	Areva 51-9213066
								Reference Areva Report 51-9213066 for data.
O2.B9.21.0005	2RC-203-22	50	10/18/13	CLR	N	N	N	PT-13-419
O2.B9.21.0026	2HP-496-37	51A	11/04/13	CLR	N	N	N	PT-13-432
O2.B9.21.0029	2HP-214-15	51A	10/17/13	CLR	N	N	N	PT-13-417
O2.B9.21.0034	2RC-202-19	51A	10/20/13	CLR	N	N	N	PT-13-423
O2.89.21.0035	2RC-202-4	51A	10/20/13	CLR	N	N	N	PT-13-424
O2.B9.21.0036	2RC-203-32	51A	10/18/13	CLR	N	N	N	PT-13-420
O2.B9.21.0037	2RC-203-3	51A	10/18/13	CLR	N	N	N	PT-13-421

Summary No	Component ID	System	Insp Date	insp Støtus	Insp Limited	Geo Ref	RFR	Comment	
O2.B9.21.0060	2HP-214-10	51A	10/17/13	CLR	N	N	N	PT-13-416	
O2.B9.21.0062	2HP-215-11	51A	10/21/13	CLR	N	N	N	PT-13-426	
O2.B9.21.0063	2HP-215-16	51A	10/21/13	CLR	N	N	N	PT-13-427	
O2.B9.21.0185	2-51A-145-44	51A	11/04/13	CLR	N	N	N	PT-13-433	
O2.B9.21.0227	2HP-495-27	51A	11/04/13	CLR	N	N	N	PT-13-434	
O2.B9.21.0259	2-RC-266-47	50	10/26/13	CLR	N	N	N	PT-13-430	
O2.B9.21.0266	2-RC-266-36	50	10/26/13	CLR	N	N	N	PT-13-431	
O2.B9.40.0001	2RC-271-11G	50	10/21/13	CLR	N	N	N	PT-13-428	
O2.B9.40.0010	2RC-253-8	50	10/21/13	CLR	N	N	N	PT-13-429	
O2.C1.10.0001	2-LPCB-SH-1	53B		CLR `	N	N	N	VT-NA VT-2 Examir	ned in Zone IZ2L-27A.
O2.C1.10.0002	2-LPCB-SH-2	53B		CLR	N	N	N	VT-NA VT-2 Examir	ned in Zone OZ2L-26.
O2.C1.30.0001	2-SGB-W69	03	10/23/13	CLR	Y	N	Y	UT-13-1176	

Percent of coverage < 90% Relief Request required. Reference PIP O-14-00547.

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.C1.30.0001	2-SGB-W69	03	10/23/13	CLR	Y	N	Y	UT-13-1179 (Page 1)
								Percent of coverage < 90% Relief Request required. Reference PIP O-14-00547.
		03	10/23/13	CLR	Y	N	Y	UT-13-1179 (Page 2)
								Percent of coverage < 90% Relief Request required. Reference PIP O-14-00547.
		03	10/23/13	CLR	Y	N	۲	UT-13-1179 (Page 3)
								Percent of coverage < 90% Relief Request required. Reference PIP O-14-00547.
		03	10/23/13	CLR	Y	N	Y	UT-13-1179 (Page 4)
								Percent of coverage < 90% Relief Request required. Reference PIP O-14-00547.
O2.C1.30.0002	2-SGB-W65	03	10/21/13	CLR	Ŷ	N	N	UT-13-1177
								Percent of coverage >90%. No Relief Request required.
		03	10/21/13	CLR	Y	N	N	UT-13-1178 (Page 1)
								Percent of coverage >90%. No Relief Request required.
		03	10/21/13	CLR	Y	N	N	UT-13-1178 (Page 2)
								Percent of coverage >90%. No Relief Request required.
		03	10/21/13	CLR	Y	N	N	UT-13-1178 (Page 3)
		,						Percent of coverage >90%. No Relief Request required.
		03	10/21/13	CLR	Y	N	N	UT-13-1178 (Page 4)
								Percent of coverage >90%. No Relief Request required.
O2.C3.20.0003	2-01A-0-1481A-H4B	01A	10/21/13	CLR	N	N	N	PT-13-425
O2.C3.20.0014	2-51B-2-0-436E-DE104	51B	08/28/13	CLR	N	N	N	PT-13-413

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Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.C3.20.0018	2-51A-3-0-437B-H70	51A	10/31/13	CLR	N	N	N	PT-13-435
O2,C4.40.0001	2-MS-103-STUD	01A	10/25/13	CLR	N	N	N	UT-13-1164 (Page 1)
		01A	10/25/13	CLR	N	N	N	UT-13-1164 (Page 2)
O2.C5.11.0015	2LP-148-93	53A	08/20/13	CLR	N	N	N	UT-13-1098 (Page 1)
		53A	08/20/13	CLR	N	N	N	UT-13-1098 (Page 2)
O2.C5.11.0016	2LP-148- 9 4	53A	08/20/13	CLR	N	N	N	UT-13-1099 (Page 1)
		53A	08/20/13	CLR	N	N	N	UT-13-1099 (Page 2)
O2.C5.11.0060	2LP-217-13	53A	10/24/13	CLR	N	N	N	UT-13-1161 (Page 1)
		53A	10/24/13	CLR	N	N	N	UT-13-1161 (Page 2)
O2.C5.11.0061	2LP-217-14	53A	10/24/13	CLR	Y	N	N	UT-13-1166 (Page 1)
								Percent of coverage > 90%. No Relief Request required.
		53A	10/24/13	CLR	Y	N	N	UT-13-1166 (Page 2)
								Percent of coverage > 90%. No Relief Request required.
		53A	10/24/13	CLR	Y	N	N	UT-13-1166 (Page 3)
								Percent of coverage > 90%. No Relief Request required.
		53A	10/24/13	CLR	Y	N	N	UT-13-1166 (Page 4)
								Percent of coverage > 90%. No Relief Request required.
O2.C5.11.0062	2LP-217-18	53A	10/24/13	CLR	N	N	N	UT-13-1167 (Page 1)

Examination Results for 2EOC26 Inso insp Insp Geo Date Status Limited Ref Summary No Component ID System RFR Comment O2.C5.11.0062 2LP-217-18 10/24/13 CLR Ν Ν 53A Ν UT-13-1167 (Page 2) O2.C5.11.0063 2LP-217-19 53A 10/24/13 CLR Ν N Ν UT-13-1168 (Page 1) 10/24/13 CLR Ν Ν Ν UT-13-1168 (Page 2) 53A O2.C5.11.0065 2LP-217-4 53A 10/24/13 CLR Ν Ν Ν UT-13-1159 (Page 1) 53A 10/24/13 CLR N Ν Ν UT-13-1159 (Page 2) O2.C5.11.0066 2LP-217-5 10/24/13 CLR Ν Ν Ν UT-13-1160 (Page 1) 53A 53A 10/24/13 CLR N Ν Ν UT-13-1160 (Page 2) Y O2.C5.21.0011 2-51A-17-48 51A 08/27/13 CLR Ν Y UT-13-1104 (Page 1) Percent of coverage < 90% Relief Request required. Reference PIP O-14-00547. CLR Y 51A 08/27/13 Ν Υ UT-13-1104 (Page 2) Percent of coverage < 90% Relief Request required. Reference PIP O-14-00547. 51A 08/27/13 CLR Υ Ν Υ UT-13-1104 (Page 3) Percent of coverage < 90% Relief Request required. Reference PIP O-14-00547. O2.C5.21.0015 CLR Ν Ν Ν UT-13-1108 2-51A-17-136 51A 08/28/13 O2.C5.21.0043 51A 08/27/13 CLR Y Ν UT-13-1103 (Page 1) 2-51A-17-82 Ν Percent of coverage > 90%. No Relief Request required. 51A 08/27/13 CLR Y Ν Ν UT-13-1103 (Page 2) Percent of coverage > 90%. No Relief Request required.
Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.C5.21.0043	2-51A-17-82	51A	08/27/13	CLR	Y	N	N	UT-13-1103 (Page 3)
								Percent of coverage > 90%. No Relief Request required.
O2.C5.21.0044	2-51A-17-83	51A	08/27/13	CLR	N	N	N	UT-13-1102 (Page 1)
		51A	08/27/13	CLR	N	N	N	UT-13-1102 (Page 2)
O2.C5.21.0046	2-51A-17-103	51A	08/29/13	CLR	N	N	N	UT-13-1110
O2.C5.21.0048	2HP-369-167	51A	08/28/13	CLR	N	N	N	UT-13-1109 (Page 1)
		51A	08/28/13	CLR	N	N	N	UT-13-1109 (Page 2)
O2.C5.21.0429	2HP-219-8	51A	08/22/13	CLR	N	N	N	PT-13-409
		51A	08/22/13	CLR	N	N	N	UT-13-1100 (Page 1)
		51A	08/22/13	CLR	Ν	N	N	UT-13-1100 (Page 2)
		51A	08/22/13	CLR	N	N	N	UT-13-1100 (Page 3)
O2.C5.21.0590	2-51A-17-107	51A	08/29/13	CLR	N	N	N	PT-13-414
		51A	08/29/13	CLR	N	N	N	UT-13-1111 (Page 1)
		51A	08/29/13	CLR	N	N	N	UT-13-1111 (Page 2)
O2.C5.21.0636	2-51A-31-4	51A	10/16/13	CLR	N	N	N	PT-13-415
		51A	10/16/13	CLR	N	N	N	UT-13-1112 (Page 1)

Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
02.05.21.0636	2-51A-31-4	51A	10/16/13	CLR	N	N	N	UT-13-1112 (Page 2)
		51A	10/16/13	CLR	N	N	N	UT-13-1112 (Page 3)
O2.C5.21.0645	2HP-227-9	51A	08/27/13	CLR	N	N	N	PT-13-418
		51A	08/29/13	CLR	N	N	N	UT-13-1155 (Page 1)
		51A	08/28/13	CLR	N	N	N	UT-13-1155 (Page 2)
		51A	08/29/13	CLR	N	N	N	UT-13-1155 (Page 3)
		51A	08/28/13	CLR	N	N	N	UT-13-1155 (Page 4)
		51A	08/29/13	CLR	N	N	N	UT-13-1155 (Page 5)
		51A	08/28/13	CLR	N	N	N	UT-13-1155 (Page 6)
O2.C5.21.0709	2-51A-17-135	51A	08/28/13	CLR	N	N	N	PT-13-412
		51A	08/28/13	CLR	N	N	N	UT-13-1107 (Page 1)
		51A	08/28/13	CLR	N	N	N	UT-13-1107 (Page 2)
O2.C5.21.0714	2-51A-17-88	51A	08/27/13	CLR	N	N	N	PT-13-411
		51A	08/27/13	CLR	Ň	N	N	UT-13-1105 (Page 1)
		51A	08/27/13	CLR	N	N	N	UT-13-1105 (Page 2)
		51A	08/27/13	CLR	N	N	N	UT-13-1105 (Page 3)

Summary No	Component ID	System	Insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.C5.21.0715	2-51A-17-87	51A	08/27/13	CLR	N	N	N	PT-13-410
		51A	08/27/13	CLR	N	N	N	UT-13-1106 (Page 1)
		51A	08/27/13	CLR	Ν	N	N	UT-13-1106 (Page 2)
		51A	08/27 /13	CLR	N	N	N	UT-13-1106 (Page 3)
O2.C5.51.0003	2-MS8A-B	01A	10/24/13	CLR	N	Y	N	UT-13-1162
O2.C5.51.0013	2MS-85-6	01A	10/26/13	CLR	N	N	N	UT-13-1165
O2.C5.51.0019	2FDW-225-15	03	10/24/13	CLR	N	Y	N	UT-13-1163
O2.C5.51.0039	2LPS-606-83	14B	08/21/13	CLR	N	N	N	UT-13-1096
O2.C5.51.0040	2LPS-606-86	14B	08/21/13	CLR	N	N	N	UT-13-1097
O2.C5.51.0041	2LPS-606-87	1 4 B	08/22/13	CLR	N	N	N	UT-13-1101
O2.C5.51.0048	2-20B-21-17-11	20B	10/23/13	CLR	N	N	N	UT-13-1157
O2.C5.51.0049	2-208-21-17-14	20B	10/23/13	CLR	N	N	N	UT-13-1158
O2.C5.51.0050	2-14-238-17	14	10/31/13	CLR	N	N	N	UT-13-1180
O2.C5.51.0051	2-14-238-18	14	10/31/13	CLR	N	N	N	UT-13-1181
O2.D1.20.0002	2-01A-1-0-1403C-R26	01A	10/16/13	CLR	N	N	N	VT-13-1154

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment	
O2.D1.20.0005	2-03A-1-0-1439C-H9	03A	08/20/13	CLR	N	N	N	VT-13-1115	
O2.D1.20.0010	2-03A-1-0-1400A-H89	03A	10/03/13	CLR	N	N	N	VT-13-1128	
O2.D1.20.0012	2-03A-1-0-1437A-H5	03A	10/27/13	CLR	N	N	N	VT-13-1192	
O2.D1.20.0016	2-08-1-0-1400A-H1	08	10/03/13	CLR	N	N	N	VT-13-1127	
O2.D1.20.0019	2-14B-0-1439B-DE188	14B	08/20/13	CLR	N	N	N	VT-13-1116	
O2.F1.10.0003	2-51A-0-1479A-H5B	51A	10/15/13	CLR	N	N	N	VT-13-1146	
O2.F1.10.0008	2-59-0-1478A-H28	59	10/15/13	CLR	N	N	N	VT-13-1147	
O2.F1.11.0010	2-59-0-1478D-H6406	59	10/15/13	CLR	N	N	N	VT-13-1148	
O2.F1.12.0007	2-53-0-1478A-H3	53	10/23/13	CLR	N	N	N	VT-13-1182	
O2.F1.20.0003	2-01A-0-1481A-H4B	01A	10/19/13	CLR	N	N	N	VT-13-1176	
O2.F1.20.0011	2-14B-0-1439A-DE 195	1 4 B	08/29/13	CLR	N	N	N	VT-13-1117	
O2.F1.20.0012	2-14-1478F-H6095	14	10/19/13	CLR	N	N	N	VT-13-1175	
O2.F1.20.0016	2-51B-2-0-436E-DE104	51B	08/29/13	CLR	N	N	N	VT-13-1118	
O2.F1.20.0017	2-51A-6-0-435B-DE002	51A	09/19/13	CLR	N	N	N	VT-13-1185	

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.F1.20.0027	2-51A-2-0-1439C-H18	51A	08/21/13	CLR	N	N	Ν	VT-13-1111
O2.F1.20.0031	2-51B-436J-DE057	51B	10/27/13	CLR	N	N	N	VT-13-1190
O2.F1.20.0043	2-53B-438C-H5501	538	09/05/13	CLR	N	N	N	VT-13-1120
O2.F1.20.0045	2-53B-5-0-1439C-H35	53B	08/21/13	CLR	N	N	N	VT-13-1110
O2.F1.20.0046	2-53B-5-0-1444-R13	53B	09/19/13	CLR	N	N	N	VT-13-1133
O2.F1.21.0002	2-03A-1-0-1439A-DE037	03A	08/21/13	CLR	N	N	N	VT-13-1108
O2.F1.21.0009	2-14B-0-1479A-H5F	14B	10/25/13	REC	N	N	N	VT-13-1184
								Support acceptable for service per Civil Engineering Report. Reference PIP O-13- 12075.
O2.F1.21.0018	2-51A-0-1439B-H173	51A	08/21/13	CLR	N	N	N	VT-13-1119
O2.F1.21.0019	2-51A-1-0-435B-SR52	51A	09/26/13	CLR	N	N	N	VT-13-1136
O2.F1.21.0028	2-53B-0-435B-DE051	53B	09/10/13	CLR	N	N	N	VT-13-1121
O2.F1.22.0005	2-01A-0-1481A-H6B	01A	10/18/13	CLR	N	N	N	VT-13-1140
O2.F1_22.0012	2-51A-3-0-437B-H70	51A	10/27/13	CLR	N	N	N	VT-13-1191
O2.F1.22.0015	2-51A-2-0-1439C-H17	51A	08/21/13	CLR	N	N	N	VT-13-1109
O2.F1.22.0020	2-53B-5-0-435B-DE057	53B	09/10/13	CLR	N	N	N	VT-13-1126

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.F1.22.0027	2-56-2-0-438C-H16	56	09/05/13	CLR	N	N	N	VT-13-1122
O2.F1.30.0003	2-01A-0-1403D-DE017	01A	10/14/13	CLR	N	N	N	VT-13-1151
O2.F1.30.0006	2-03A-1-0-1439B-H13	03A	08/21/13	CLR	N	N	N	VT-13-1112
O2.F1.30.0009	2-03A-1-0-1400B-H41	03A	10/03/13	CLR	N	N	N	VT-13-1131
O2.F1.30.0010	2-03A-1-0-1437A-H5	03A		CLR	N	N	N	VT-13-1188
O2.F1.30.0017	2-03A-1401B-DE019	03A	09/25/13	CLR	N	N	N	VT-13-1132
O2.F1.30.0025	2-07A-6-0-1400A-H66	07A	10/03/13	CLR	N	N	N	VT-13-1129
O2.F1.30.0031	2-08-1400A-H5	08	10/16/13	CLR	N	N	N	VT-13-1143
O2.F1.30.0039	2-14B-1437A-SR51	14B	10/18/13	CLR	N	N	N	VT-13-1141
O2.F1.30.0040	2-14B-0-1439B-DE188	14B		CLR	N	N	N	VT-13-1114
O2.F1.30.0043	2-57-0-1481A-H6	57	10/18/13	CLR	N	N	N	VT-13-1142
O2.F1.31.0001	2-01A-1-0-1403C-R26	01A	10/16/13	REC	N	N	N	VT-13-1153
								Support acceptable for service per Civil Engineering Report.Reference PIP O-13- 11463.
O2.F1.31.0006	2-03A-1-0-1401B-SR7	03A	09/25/13	CLR	N	N	N	VT-13-1134

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.F1.31.0008	2-03A-1-0-1400A-H89	03A	10/03/13	CLR	N	N	N	VT-13-1135
O2.F1.31.0012	2-03A-1-0-1439C-H9	03A	08/20/13	CLR	N	N	N	VT-13-1113
O2.F1.31.0016	2-08-1401B-H11	08	10/14/13	CLR	N	N	N	VT-13-1149
O2.F1.32.0007	2-03A-1-0-1401B-SR101PO	03A	01/29/14	REC	N	N	N	VT-13-1138
								Support acceptable for service per Civil Engineering Report. Reference PIP O-13- 10464.
O2.F1.32.0010	2-08-1-0-1400A-H1	08	10/03/13	CLR	N	N	N	VT-13-1130
O2.F1.40.0001	2-RPV-WR36	50	10/13/13	CLR	Y	N	N	VT-13-1180
								Percent of Coverage <100%. Relief required reference PIP O-14-00547.
O2.F1.40.0007	2-BWS-TANK	53B	10/08/13	REC	N	N	N	VT-13-1139
								Support acceptable for service per Civil Engineering Report. Reference PIP O-13- 11253.
O2.F1.40.0015	2-RBS-PU-B	54A	09/10/13	CLR	N	N	N	VT-13-1123
O2.F1.40.0016	2-SSF-AUX-SW-PU	13	09/05/13	CLR	N	N	N	VT-13-1124
O2.F1.40.0022	2-RCP-SS-FTR-A		10/27/13	CLR	N	N	N	VT-13-1189
Q2.F1.40.0023	2-ESVP-A		09/05/13	CLR	N	N	N	VT-13-1125
O2.F1.40.0028	2-50-RCPM-2B2-SS2	50	10/22/13	CLR	N	N	N	VT-13-1179

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Summary No	Component ID	System	insp Date	insp Status	insp Limited	Geo Ref	RFR	Comment
O2.G12.2.0001	2-RPV-WR53	50		CLR	N	N	N	Areva 51-9213066
								Inspection same as O2.B5.10.0001. See Areva Report 51-9213066 for results.
O2.G12.2.0002	2-RPV-WR53A	50		CLR	N	N	N	Areva 51-9213066
								Inspection same as O2.B5.10.0002. See Areva Report 51-9213066 for results.
O2.G2.1.0001	2-PDB1-46	50	10/20/13	CLR	N	N	N	UT-13-1134 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1134 (Page 2)
O2.G2.1.0002	2-PDA2-46	50	10/20/13	CLR	N	N	N	UT-13-1132 (Page 1)
		50	1 0/2 0/13	CLR	N	N	N	UT-13-1132 (Page 2)
O2.G2.1.0003	2-PDA1-46	50	10/20/13	CLR	N	N	N	UT-13-1133 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1133 (Page 2)
O2.G2.1.0004	2-PDB2-46	50	10/20/13	CLR	N	N	N	UT-13-1135 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1135 (Page 2)
O2.G2.1.0005	2RC-204-29	50	10/20/13	CLR	N	N	N	UT-13-1151 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1151 (Page 2)
		50	10/20/13	CLR	N	N	N	UT-13-1151 (Page 3)
		50	10/20/13	CLR	N	N	N	UT-13-1151 (Page 4)
		50	10/2 0/13	CLR	N	N	N	UT-13-1151 (Page 5)

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Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.G2.1.0006	2RC-203-22	50	10/20/13	CLR	N	N	N	UT-13-1152 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1152 (Page 2)
		50	10/20/13	CLR	N	N	N	UT-13-1152 (Page 3)
		50	10/20/13	CLR	N	N	N	UT-13-1152 (Page 4)
		50	10/20/13	CLR	N	N	N	UT-13-1152 (Page 5)
O2.G2.1.0007	2-PDB2-11	50	10/20/13	CLR	N	N	N	UT-13-1153 (Page 1)
		50	10/20/13	CLR	Ν	N	N	UT-13-1153 (Page 2)
		50	10/20/13	CLR	N	N	N	UT-13-1153 (Page 3)
		50	10/20/13	CLR	N	N	N	UT-13-1153 (Page 4)
		50	10/20/13	CLR	N	N	N	UT-13-1153 (Page 5)
		50	10/20/13	CLR	N	N	N	UT-13-1153 (Page 6)
O2.G2.1.0008	2RC-202-16	50	10/20/13	CLR	N	N	N	UT-13-1154 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1154 (Page 2)
		50	10/20/13	CLR	N	N	N	UT-13-1154 (Page 3)
		50	10/20/13	CLR	N	N	N	UT-13-1154 (Page 4)
_		50	10/20/13	CLR	N	N	N	UT-13-1154 (Page 5)
O2,G2,1.0009	2-PDB1-47	50	10/20/13	CLR	N	N	N	UT-13-1147 (Page 1)

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.G2.1.0009	2-PDB1-47	50	10/20/13	CLR	N	N	N	UT-13-1147 (Page 2)
O2.G2.1.0010	2-PDB2-47	50	10/20/13	CLR	N	N	N	UT-13-1148 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1148 (Page 2)
		50	10/20/13	CLR	N	N	N	UT-13-1148 (Page 3)
O2.G2.1.0011	2-PDA1-47	50	10/20/13	CLR	N	N	N	UT-13-1149 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1149 (Page 2)
O2.G2.1.0012	2-PDA2-47	50	10/20/13	CLR	N	N	N	UT-13-1150 (Page 1)
		50	10/20/13	CLR	N	N	N	UT-13-1150 (Page 2)
O2.G2.1.0013	2RC-204-37	50	10/17/13	CLR	Y	N	N	UT-13-1119
								No Relief Request required for augmented exam.
O2.G2.1.0014	2RC-202-17	50	10/20/13	CLR	Y	N	N	UT-13-1136
								No Relief Request required for augmented exam.
O2.G2.1.0015	2RC-203-32	50	10/18/13	CLR	Y	N	N	UT-13-1129
								No Relief Request required for augmented exam.
O2.G2.1.0016	2RC-205-1	50	10/20/13	CLR	Y	N	N	UT-13-1146
								No Relief Request required for augmented exam.
O2.G2.1.0017	2RC-203-3	50	10/18/13	CLR	Y	N	N	UT-13-1130
								No Relief Request required for augmented exam.

Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.G2.1.0018	2RC-202-19	50	10/20/13	CLR	Y	N	N	UT-13-1137
								No Relief Request required for augmented exam.
O2.G2.1.0019	2RC-204-20	50	10/17/13	CLR	Y	N	N	UT-13-1142
								No Relief Request required for augmented exam.
O2.G2.1.0020	2RC-205-3	50	10/20/13	CLR	Y	N	N	UT-13-1143
-								No Relief Request required for augmented exam.
O2.G2.1.0021	2A2 THERM-SLEEVE	50	10/20/13	CLR	N	N	N	RT-NA
O2.G2.1.0022	2B1 THERM-SLEEVE	50	10/27/13	CLR	N	N	N	RT-NA
O2.G2.1.0023	2A1 THERM-SLEEVE	50	10/20/13	CLR	N	N	N	N/A
		50	10/20/13	ACCEPT	N			RT-NA
O2.G2.1.0024	282 THERM-SLEEVE	50	10/27/13	CLR	N	N	N	RT-NA
O2.G4.1.0001	2RC-202-17	51A	10/20/13	CLA	N	N	N	UT-13-1138
O2.G4.1.0002	2RC-202-19	51A	10/20/13	CLR	N	N	N	UT-13-1139
O2.G4.1.0003	2RC-205-1	50	10/20/13	CLR	Y	N	N	UT-13-1144
								No Relief Request required for augmented exam.
O2.G4.1.0004	2RC-205-3	51A	10/20/13	CLR	Y	N	N	UT-13-1145
								No Relief Request required for augmented exam.

Summary No	Component ID	System	Insp Date	insp Status	insp Limited	Geo Ref	RFR	Comment
O2.G4.1.0005	2HP-218-18	51A	10/20/13	CLR	N	N	N	UT-13-1140
O2.G4.1.0006	2HP-214-13	51A	10/17/13	CLR	N	N	N	UT-13-1113
O2.G4.1.0007	2HP-214-15	51A	10/17/13	CLR	Y	N	N	UT-13-1114
								No Relief Request required for augmented exam.
O2.G4.1.0012	2HP-214-14	51A	10/17/13	CLR	N	N	N	UT-13-1115
O2.G4.1.0013	2HP-216-7	51A	10/17/13	CLR	N	N	N	UT-13-1116
O2.G4.1.0014	2HP-216-8	51A	10/17/13	CLR	N	N	N	UT-13-1117
O2.G4.1.0015	2HP-216-9	51A	10/17/13	CLR	Y	N	N	UT-13-1118
								No Relief Request required for augmented exam.
O2.G4.1,0016	2HP-217-10	51A	10/17/13	CLR	Y	N	N	UT-13-1120
								No Relief Request required for augmented exam.
O2.G4.1.0017	2HP-217-11	51A	10/17/13	CLR	Y	N	N	UT-13-1121
								No Relief Request required for augmented exam.
O2.G4.1.0018	2HP-217-12	51A	10/17/13	CLR	Y	N	N	UT-13-1122
								No Relief Request required for augmented exam.
O2.G4.1.0019	2HP-218-20	51A	10/20/13	CLR	N	N	N	UT-13-1123
O2.G4.1.0020	2HP-218-21	51A	10/20/13	CLR	N	N	N	UT-13-1141

Summary No	Component ID	System	insp Date	insp Status	Insp Limited	Geo Ref	RFR	Comment
O2.G4.1.0021	2HP-218-22	51A	10/20/13	CLR	Y	N	N	UT-13-1126
								No Relief Request required for augmented exam.
O2.G4.1.0022	2RC-203-32	50	10/18/13	CLR	Y	N	N	UT-13-1127
								No Relief Request required for augmented exam.
O2.G4.1.0023	2RC-203-3	50	10/18/13	CLR	Y	N	N	UT-13-1128
								No Relief Request required for augmented exam.
O2.G4.1.0024	2RC-204-37	50	10/17/13	CLR	N	N	N	UT-13-1124
O2.G4.1.0025	2RC-204-20	50	10/17/13	CLR	N	N	N	UT-13-1125
O2.H2.1.0008	2-PIA2-12	50	10/19/13	CLR	N	N	N	PT-13-422
O2.H4.1.0041	2-01A-0-1401B-R10	01A	11/04/13	CLR	N	N	N	MT-13-133
		01A	10/16/13	CLR	N	N	N	VT-13-1144
O2.H4.1.0042	2-01A-0-1401B-H19	01A	10/14/13	REC	N	N	N	VT-13-1155
								Support acceptable for service per Civil Engineering Report. Reference PIP O-13- 11318.
O2.H4.1.0043	2-01A-0-1401B-H20	01A	10/14/13	CLR	N	N	N	VT-13-1150
O2.H4.1.0045	2-01A-0-1401B-F12	01A	11/07/13	REC	N	N	N	VT-13-1193
								Support acceptable for service per Civil Engineering Report. Reference PIP O-13- 12905.

	Examination Results for 2EOC26								
Summary No	Component ID	System	insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment	
O2.H4.1.0046	2-01A-0-1401B-H22	01A	10/14/13	REC	N	N	N	VT-13-1156	
								Support acceptable for service per Civil Engineering Report. Reference PIP O-13- 11316.	
O2.H4.1.0048	2-01A-0-1401B-R13	01A	10/16/13	CLR	N	N	N	VT-13-1145	
O2.H6.1.0001	2-PEN-25-WHIP	01A	10/25/13	CLR	N	N	N	VT-13-1186	
O2.H6.1.0002	2-PEN-27-WHIP	01A	10/25/13	CLR	N	N	N	VT-13-1187	

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 2EOC26 and items completed during 2EOC25 that were not included in that report.

There were work orders completed during 2EOC26 for which the NIS-2 forms were not generated in time to be submitted in this report. PIP O-14-00180 was initiated 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, Pre-service 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 2EOC26 are filed with the Work Order.

NIS 2	? List	for	2E0	C26
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Work Order #	Class
1997784-01	1
2036760	1
2078559-10	1
1893275-01	2
1948274	2
2013163	2
2013640	2
20127787-01	2
2036763	2
2052486	2
2070140	2
2070142	2
2077742	2
2078755-01	2
2078907-01	2
2078961-01	2

NIS 2 List for 2EOC25

Work Order #	Class
1923035-01	1
1963065	1
2009996	1
1925037	2
1926635	2
1944543-03	2
1963989-01	2
1983659	2
2009992	2

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

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(tay mp						Work Order Num	ber	Sheet	
. (b) A:	019977	84-01	1 0	f 2					
Tgogner			2. Pla	Int			فتسعينين النار	Unit	
Duke Ener	rgy Carolinas, LL	c l		Oconce Nu	cie	ar Station		ON	IS-2
c- 526 South	Church Street			7800 Roch	st	er Hwy		Date	
Charlotte,	NC 28201-1006			Seneca, SC	2	9672		11/9	/2011
3. Work Performed by 23 Type Code Symbol Stamp Not Applicable									
Ce Duke Ene 526 South	rgy Carolinas, LL Church Street	.C				Authorization Nu	Not As	plicable	
Charlotte,	NC 28201-1006					Expiration Date	Not Ap	plicable	
4. Identification of Hig	System, ASME Cli h Pressure Injecti	ass ion system ((Letdo	wn Cooler 2B -	dos	signed as Class	3), ASM	E Class 1	
5.									
(a) Applicable Cons	truction Code:	USAS B	31.7	19 69	Ed Ea	ition, <u>No</u>	- Addend	la, <u>None</u> (Code Case
(d)=Applicable Secti	an Section Al Utilize an Xi Code Case(s)	Nono	Curuy	19		aon, <u>2000</u>		i d .	
8. Identification of	Components						و فسنست البراد الألي	ی میں میں بین اور میں میں بین اور اور میں میں اور	
Name of Component	Name of Manufacturer	Manufact Serial Nur	urer nber	National Board No.		Other Identification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)
2B Letdown Cooler - old (1)	Graham Manufacturing Corp.	34097-	2	UNK		None	1982	Removed	YES
2B Letdown Cooler - new (2)	Energy Steel & Supply Co.	N37804	-2	None	UTC 0001985667		2011	Installed	YES
] :									
				,					
									1
		<u> </u>	<u></u>		t				1
7. Description of	Vork	l		L	L		L	<u> </u>	
Removed the enti	ire 2B Letdown C	ooler. S/N	34097	-2, and replaced	it v	with a new Letd	own Coo	ler (S/N N378	04-2) of
same basic design	n. HPI piping, fitt	ings, valve	s repla	ced for radiation	١٨	LARA reasons	- address	ed in separate	NIS-2.
Note: The Letdo	wn Cooler tube si	de was orig	inally	designed as AS	ME	E Section IIL, Cla	<u>ass 3.</u>		
8. Test Conducts	ed tatic Poeuma Pretture	nie 🛛 No PS	i fanime T	Operating Pressure Test Tem	3 Dér	Exempt] Other •F		
L		······································			9. <i>2</i> 4		•		

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	Work Order Number	Sheet					
	01997784	2 of 2					
). Remarks (Applicable Manufacturer's Data Reports to be attached)							
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8							
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0	····	· . · · · · · · · · · · · · · · · · · ·					
0							
8							
0		<u> </u>					
• * EC. 106 789							

	CERTIFICATE OF COMPLI	ANCE					
I certify that the statements made in ASME Code, Section XI.	the report are correct and tha	It this conforms to the	e requirements of the				
Type Code Symbol Stamp Not Applicable							
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable				
Signed	Bill Foster, Engineer III	Date	1/9/2012				
Owner or Owner's Design	nce, Title						

CI	ERTIFICATE OF	INSERVICE I	NSPECTIO	N	
I, the undersigned, holding a valid co	mmission issue	d by the Nati	ional Board	l of Boiler and	d Pressure Vessel
Inspectors and the State or Province of	SOUTH	CAZO (M)	g and emp	ployed by	HSB CT
of Hartford, Co	nnecticut		hav	ve inspected	the components described
in this Owner's Report during the period	* 10.19	·2011	to Z	·15·2014	, and state that
to the best of my knowledge and belie	ef, the Owner	has perform	ned examin	nations and	taken corrective measures
described in this Owner's Report in accord	dance with the	requirement	s of the AS	iME Code, Se	action XI.
By signing this certificate reither the	e Inspector n	or his empk	oyer make	s any warra	nty, expressed or implied,
concerning the examinations and dorre	ctive measures	described i	in this Ow	ner's Report.	Furthermore, neither the
Inspector nor his employer-stiall be liable	le in any mann	er for any pe	ersonal inju	iry or propert	ly damage or a loss of any
kind arising from or connected with this in	ispection.				
	_		10		Aller
1 minute	Com	nissions 🔟	3048	ADL,	4N, 1, 15
Inspector's Signature			National	Board, State, P	rofince, and Endorsements
Data 7/15/2011			N	<i>I</i> IARK E.	ZURBUCH
vale A/10/2014					
*EP. 106789					

						Work Order Nun	iber	Sheet		
	. 2078559-10							10	1 of 2	
1. Owner		12	2. P la	Int				Unit		
Duke Ene	rgy Carolinas, LI	c	Oconee Nuclear Station						NS - 2	
526 South Charlotte	NC $28201-1006$			Seneca, SC		а пуу 9672		Date 12/	8/2013	
2. Mart Dart						Turne Code Sum	hal Stamp			
3. WORK Performed	o by					I YPB COUR SYIII	Not Ar	plicable		
Duke Eng	ergy Carolinas, LI	C				Authorization Nu	Imber Net Ar			
Charlotte	NC 28201-1006	5				Excitation Date	- Not A	ipticanic		
							Not Ar	plicable		
4. Identification of	System, ASME C	ass Reactor	Cool	ant System, AS	ME	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										
6. Identification of	Components	بالغيري ني ينت انخنفسها			-					
Name of Component	Name of Manufacturer	Manufactur Serial Numi	ner ber	National Board No.		Other Identification	Year Built	Corrected, Removed, or Installed	ASME Coda Stamped (Yes / No)	
6 Standard Incore Detectors	Framatome	UNK		UNK		None	UNK	Removed	YES	
10 Qualified Incore Detectors	Framatome	UNK		UNK		None	UNK	Removed	YES	
6 Standard Incore Detectors	Areva	LRFICD-17 thru 1739 1763, 1764 1739	728 4,	UNK		See Remarks	UNK	Installed	YES	
10 Qualified Incore Detectors	Areva	LRQICD-52 thru 5256 a 5184 thru 52	249 ind 201	UNK		See Remarks	UNK	Installed	YES	
16 Nut Rings	Areva	None		None		See Remarks	UNK	Installed	NO	
7. Description of	Work				•				.	
16 Incores and nu	trings replaced as	part of norm	nal PN	М.						
8. Test Conducte	ed tatic Deneums Pressure	tic [Nom PSI	iasi O	Operating Pressure Test Tem	: peri	Exempt] Other			

	Work Order Number	Sheet
	2078559-10	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
 (16) Nutrings: UTC# 2005131, 1994926, 1976171° (10) Qualified Incore Detectors: UTC# 2005132, 1994929° (6) Standard Incore Detectors: UTC# 1994930, 1995794, 2026871 		
9		
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	Applicable							
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable					
Signed Combot	Aaron Best, Engineer	Date	12/8/2013					
Owner or Owner's Designee, Title								

CERTIFICATE OF INSERVICE INSPECTION						
I, the undersigned, holding a valid commission issued by the Nati	onal Board of Boller and Pr	essure Vessel				
Inspectors and the State or Province of Sporth Chrolaut	and employed by	HSB CT				
of Hartford, Connecticut	have inspected the	components described				
in this Owner's Report during the period 12.2.13	to 2/18/14	, and state that				
to the best of my knowledge and belief, the Owner has perform	ed examinations and take	n corrective measures				
described in this Owner's Report in accordance with the requirements	s of the ASME Code, Section	n XI.				
By signing this certificate neither the inspector nor his emplo	oyer makes any warranty,	expressed or implied,				
concerning the examinations and corrective measures described in	n this Owner's Report. Fi	urthermore, neither the				
Inspector nor his employer shall be liable in any manner for any pe	rsonal injury or property da	amage or a loss of any				
kind arising from or connected with this inspection.						
	Porto zoi A	1				
Commissions	SCHO, ZUL, A,	NJ 45				
	National Goard, State, Provid	ice, and Endorsements				
Data 2/10/1/ MARK E. ZURBU						
A/10417						

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

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					1	Work Order Num	iber	Sheet	
						18932	75-01	10	of 2
1, Owner	······································		2. Pi	ent		والمراجع المراجع المراجع	الكان فحمد الكفل إليه	Unit	
Duke Ene	rgy Carolinas, LL	.С		Oconce Nu	ıcle	ar Station		O	NS - 2
526 South	Church Street			7800 Roch	este	ster Hwy Date			
Charlotte,	, NC 28201-1006			Seneca, SC	2	9672		4/2	0/2013
3. Work Performe	d by					Type Code Symt	Not Ar	mlicable	
Duke End	ergy Carolinas, LI	c				Authorization Nu	mber		
526 Sout	h Church Street						Not Ap	oplicable	
Charlotte	, NC 28201-1006	j			-	Expiration Date	Not Ar	mlicable	
4. Identification of	System, ASME CI	898							
		Low 1	ressu	re Injection, ASM	ME	Class 2			
5. (a) Applicable Cons	struction Code:	USAS B	31.7	19 69	Edi	tion, No	Addend	ia, No (Code Case
(b) Applicable Edition	on Section XI Utilize	d For R/R A	ctivity	19 98	Edi	tion, 2000	Addend	la.	
(c) Applicable Section	on XI Code Case(s) <u>None</u>							
e. Identification of	Components			1 •• •• • • •		01			
Name or Component	Name of Manufacturer	Manufáci Serial Nu	mber mber	Board No.		Uther Identification	Tear Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
2LP-95	Crane Aloyco	UNK		UNK	s	ce Remarks (1)	UNK	Corrected	NO
		;							
		-			┢─				
									ļ
					┢				
<u>, </u>					╞				
			1						
					t				
7. Description of	Work	:					-		
Replaced body to	connet boiting w	IIII IIEW							
8. Test Conducto	ed tatic 🔲 Paeuma Pressure	tic 🛄 No PS	ominal (51	Operating Pressure Test Tem	e per:	Exempt	Other		

	Work Order Number	Sheet				
	1893275-01	2 of 2				
9. Remarks (Applicable Manufacturer's Data Reports to be attached)						
• Replaced (32) 5/8" Nuts, UTC#2001769, and (2) 5/8" studs, UTC#1969882 and (14) 5/8" studs, UTC#1986001 on body/bonnet joint						
0						
8						
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θ						
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 June , James R Kiser, Sr. Engineer Date 4/29/2013							
Signed Just , James R Kiser, Sr. Engineer Date 4/29/2013 Owner or Owner's Designee. Title							

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, ho	Iding a valid commission	issued by the Natio	onal Board of Boiler a	nd Pressure Vessel
Inspectors and the State of	or Province of	CAROLINA	and employed by	HSB CT
of	Hartford, Connecticut		have inspected	t the components described
in this Owner's Report du	ring the period 4.	17.13	to 12.19.1	3 , and state that
to the best of my know	ledge and belief, the O	wner has perform	ed examinations and	taken corrective measures
described in this Owner's	Report in accordance wil	th the requirements	s of the ASME Code, s	Section XI.
By signing this clertil	licate neither the inspec	tor nor his emplo	iver makes any warr	anty, expressed or implied,
concerning the examinat	tons and corrective mea	isures described in	n mis Uwners Kepol	r. Furthermore, neither the
Inspector nor his employ	er shall be hable in any (manner for any pe	rsonal injury or prope	my damage or a loss of any
kind ansing for or other	steat with this inspection.	•		
	$\langle N \rangle$	Commissions of	-10 1NI	AITTE
Marias	Signature	Commissions 7	National Roard State	Province and indomentation
v mspector s	Signature RAAE			
Date 12.19.13		IN E. LUND	UUT	

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						Work Order Nur	nber		Sheet	~~~~~
						0194	8274		1 0	f 2
1. Owner			2. P	ant					Unit	
Duke Ene	ergy Carolinas, Ll	LC D		Oconee Nu	cle	ar Station			O	NS - 2
S26 Soun Charlotte	, NC 28201-1006	5		Seneca, SC	est 2 2 9	9672			Date 11/2	2/2011
3. Work Performe	d by	L				Type Code Sym	bol Stamp			
Duke En	ergy Carolinas, Ll	LC				Authorization N	umber	ppricat		
526 Sout	h Church Street	4					Not A	pplicat	le	
Chailotte		,				Expiration Date	Not A	pplicab	le	
4. Identification of	f System, ASME C L	lass ow Pressure	servi	ice Water (LPSV	V), 4	ASME Class 2				
5. (a) Applicable Cont (b) Applicable Editi (c) Applicable Secti	struction Code: on Section XI Utilizo ion XI Code Case(s	USAS B3 ed For R/R Ac	1.7 tivity	19 <u>69</u> 19 <u>98</u>	Edi Edi	tion, <u>No</u> tion, <u>2000</u>	Addenc	da, ta.	<u>No</u> (Code Case
6. Identification of	Components							_		
Name of Component	Name of Manufacturer	Manufactu Serial Num	rer ber	National Board No.	•	Other Identification	Year Built	Cor Rer or Ir	rected, noved, nstalled	ASME Code Stamped (Yes / No)
(1) 14B-0-1480A- H24A	DEC	None		None		None	Unk	Co	rected	NO
(2) 14B-0-1480A- H25A	DEC	None		None		None	Unk	Co	rected	NO
(3) 14B-0-1480A- H26A	DEC	None		None		None	Unk	Сон	rected	NO
(4) 14B-0-1480A- H27A	DEC	None		None		None	Unk	Co	rected	ŅO
(5) 14B-0-1480A- H28A	DEC	None		None		None	Unk	Co	rected	NO
(6) 14B-0-1480A- H29A	DEC	None		None		None	Unk	Сол	Tected	NO
(7) 14B-0-1480A- H30A	DEC	None		None		None	Unk	Co	Tected	NO
(8) 14B-0-1480A- H37A	DEC	None		None		None	Unk	Cor	rected	NO
(9) Piping	DEC	None		None		None	2011	Ins	talled	NO
7. Description of Work										
EC102464 replaced carbon steel pipe with stainless pipe and modified supports.										
8. Test Conducte	d atic 🔲 Paeumat	ic 🛛 Nom	inal C	perating Pressure]	Exempt] Other			
Pressure PSI Test Temperature °F										

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Antequiter of the province of the result of the observer the								
	Work Order Number	Sheet						
	01948274	2 of 2						
9. Remarks (Applicable Maaufacturer's Data Reports to be attached)								
Support 14B-0-1480A-H24A, removed 1/2" diameter u-bolt. Replaced 1/2"	diameter u-bolt.							
Support 14B-0-1480A-H25A, removed 1/2" diameter u-bolt. Replaced 1/2"	diameter u-bolt. Installed 1/8" pla	ite.						
Support 14B-0-1480A-H26A, removed 1/2" diameter u-bolt. Replaced 1/2"	diameter u-bolt. Installed 1/4" pla	tte & 1/2" washers.						
Support 14B-0-1480A-H27A, removed 1/2" diameter u-bolt. Replaced 1/2"	diameter u-bolt. Installed 1/2" pla	itc.						
Support 14B-0-1480A-H28A, removed 1/2" diameter u-bolt. Replaced 1/2"	diameter u-bolt. Installed 1/4" pla	ite & 1/2" washers.						
• Support 14B-0-1480A-H29A, removed 1/2" diameter u-bolt. Replaced 1/2"	diameter u-bolt. Installed 1/4" pla	ite & 1/2" washers.						
• Support 14B-0-1480A-H30A, removed 1/2" diameter u-bolt. Replaced 1/2"	diameter u-bolt.							
Support 14B-0-1480A-H37A, removed 1/2" diameter u-bolt. Replaced 1/2"	diameter u-bolt. Installed 1/2" pla	ite.						
• Installed 1/2", 1", 3" and 4" piping.								
(B)								

	CERTIFICATE OF COMPLI	ANCE	
I certify that the statements made in t ASME Code, Section XI.	the report are correct and tha	it this conforms to th	e requirements of the
Type Code Symbol Stamp	Not	Applicable	
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed David Huse David Hu Owner or Owner's Design	Date	11/22/2011	

CERT	IFICATE OF INSERVICE	INSPECTION	
I, the undersigned, holding a valid comm	ission issued by the Na	tional Board of Boild	er and Pressure Vessel
Inspectors and the State or Province of	WIDSTH CAROLINE	E and employed b	Y HSB CT
of Hartford, Conne	xticut	have inspe	cted the components described
in this Owner's Report during the period	9.20.11	to 2.18.	, and state that
to the best of my knowledge and belief,	the Owner has perform	ned examinations	and taken corrective measures
described in this Owner's Report imaccordar	ice with the requirement	ts of the ASME Cod	le, Section XI.
By signing this certificate neither the	Inspector nor his emp	loyer makes any v	warranty, expressed or implied,
concerning the examinations and corrective	a measures described	in this Owner's R	eport. Furthermore, neither the
Inspector nor his employer shall be liable in	any manner for any p	ersonal injury or pi	roperty damage or a loss of any
kind arising from or connected with this inspi	ection.		
MAN SAN		10	
MARK	Commissions 🖌	3048,201,	A, N. E. IS
V Inspector's Signature		National Board, S	tale, Province, and Endorsements
Date 2 100/11/ M		ICH	

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						Work Order Num	ber	Sheet	
						2013	163	10	f 2
1. Owner			2. Ph	ant		ويعدو مرابقا القائلية بسيرين		Unit	
Duke Ene	rgy Carolinas, LL	c	I	Oconce Nu	cle	ar Station		01	NS-2
526 South	Church Street			7800 Roch	cste	a Hwy		Date	
Charlotte	NC 28201-1006			Seneca, SC	2	9672		10/2	5/2013
3. Work Performed by Type Code Symbol Stamp Not Applicable									
Duke Energy Carolinas, LLC									
Charlotte, NC 28201-1006						Kunimtine fiete	Not Aş	picable	
Not A						Not Ap	plicable		
4. Identification of	System, ASME CI	688	HI	PL, ASME Class	2				
S. (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) Nonc Nonc Nonc Nonc									
6. Identification of	Components								
Name of Component	Name of Manufacturer	Manufaci Serial Nu	brer mber	National Board No.		Other Identification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)
2HP-14	Fisher	unk		unk		HT 18867	unk	Removed	NO
2HP-14	Fish c r	unk		unk	UTC - 961612 - PN - 3V4026X0042 -		unk	Installed	NO
					╞				
7. Description of	Work				L_				
Replaced stem and	d plug assembly d	ue to slight	t dama	ge caused by FN	Æ	in valve.			
8. Test Conducts	atte Pressure	tte No PS	minal C I	Derating Pressure Test Tem	pera	Exempt] Other °F		

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	Work Order Number	Sheet					
	2013163	2 of 2					
9. Remarks (Applicable Manufacturer's Data Reports to be attached)							
• Replaced the 2.5" stem and plug assembly for Fisher 3 way valve, Cat Id 33	2354, UTC 961612-						
<u>e</u>							
<u>0</u>							
9							
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 John Tim / se Tab see Owner or Owner's Designer	., Title	Date/1/1	}			

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>Source CARDINA</u> and employed by HSB CT
of <u>Hartford, Connecticut</u> have inspected the components described
in this Owner's Report during the period 5.29.15 to 2/18/14, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measure
described in this Owner's Report Maccordance with the requirements of the ASME Code, Section XI.
By signing this certificate relifier 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 histemployer shall be hable in any manner for any personal injury or property damage or a loss of an
MINK VI Commission 12019 701 A 1177 -
Netimeticant Size Proving and Enlargement
Data 7/19/11 WIAHK E. ZUHBUUH

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						Work Order Num	ber	She	et	
						2013	640		1 of	2
1. Owner	· · · · · · · · · · · · · · · · · · ·		2. Pt	ent		j.		Unit		
Duke Ene	rgy Carolinas, LL	C		Oconce Nu	Oconce Nuclear Station ONS - 2					ís - 2
526 South	Church Street			7800 Roch	este	r Hwy		Date)	
Chariotte,	NC 28201-1006	i		Seneca, SC	; 2	9672			11/6	/2013
3. Work Performe	d by					Type Code Symb	of Stamp	- 17 6.1		
Thike En	may Camilinas II	C					NOT AP	pucable		<u> </u>
526 Sout	h Church Street						Not Ap	plicable		
Charlotte	NC 28201-1006	i i				Expiration Date				
							Not Ap	plicable		
4. Identification of	System, ASME Cl	ass High l	Pressu	re Injection, ASI	ME	Class 2				
5.										
(a) Applicable Cons (b) Applicable Edition	struction Code:	USAS B	31.7	19 69	Edi	tion, <u>No</u>	_ Addend	19, <u>No</u> 19	°	ode Casa
(c) Apolicable Sect	ion XI Code Case(s)) None	araany	.7 .76			-			
8. Identification of	Components						<u></u>			
Name of	Name of	Manufac	turer	National	1	Other	Year	Correct	ed,	ASME
Component	Manufacturer	Serial Nu	mber	Board No.		identification	Built	Removi or insta	ed, lied	Code Stamped (Yes / No)
2HP-12	Aloyco/Walwor th	unk		unk		unk	unk	Correct	cd	NO
	·									
					Γ					
					Γ					
					Γ				_• _	
7. Description of Work										
Replaced Body to	o bonnet studs and	i nuts								
8. Test Conduct	ad Astic Decuma Pressure	tie 🗌 N	ominal (SI ·	Operating Pressur Test Test	e Iper	Exempt [] Other •F			

	Work Order Number	Sheet				
	2013640	2 of 2				
5. Remarks (Applicable Masufacturer's Data Reports to be attached)						
© Study and outs replaced, there was some minor damage to threads during dis 0.5" ASME SA 193 Gr B7 valve body to bonnet study (UTC 1914581, 1823) Nuts ASME SA 194 Gr. 2H, (UTC 2008395) CAT ID 313135	ssembly of valve 75, 2000448) CAT ID 467112 m	nd 0.5° Henvey Hen.				
•						
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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	rpe Code Symbol Stamp Not Applicable						
Certificate of Authorization Number	Not Applicable	_ Expiration Date	Not Applicable				
Signed State Tech spin the Data 11/7/13							

CERTIFICATE OF INSERVICE INSPECTION
i, the undersigned, holding a valid commission instead by the National Board of Boller and Pressure Vessel
inspectors and the State or Province of Acard Acard, and employed by IISB CT
of Handback Comparison in Contractions have been and an article of the same and described
In this Owner's Report during the period $q_{1/2}$, $q = 12$, $q_{2/2}$, $q = 12$, and state that
to the heat of my knowledge and helief the Owner has performed eventhations and taken correctly measures
described in this Carner is Report in accordings with the requirements of the Asket Code, Secon XI.
By signing this digitificate neither the/inspector nor his employer makes any warranty, expressed or implied,
concerning the examinations and comparison described in this Owner's Report. Furthermore neither the
transfer are his fordings shall be been in any manage for my nomenal bing of according to a transfer of any
I are berrier up the mithodial study of which allowing the sub-berrier with a burberth resurche of a table of all
king arging/rom p/goarjectarfan argynsjecton.
1 M/L. N. L. J. V. Communications 120 da 201 A 1 T TE
Minute And
Chapecitics Signature National Sourd, State, Previous, and Enderschaus

• • •						Work Order Num	iber	Sheet	
						021277	87-01	10	f 2
1. Owner			2. Pl	ent				Unit	
Duke End	rgy Carolinas, LL	ລ		Oconee Nu	ıcle	clear Station ONS - 2			
526 Sout	h Church Street			7800 Roch	este	r Hwy		Date	
Charlotte	NC 28201-1006			Seneca, SC	2 2	9672		11/2	8/2013
3. Wark Performe	d by					Type Code Symi	bol Stamp	mlicable	
Duke Energy Carolinas, LLC									
526 Sout	h Church Street						Not Ap	plicable	
Chanoud	, NC 28201-1000)				Expiration Oate	Not Ap	plicable	
4. Identification of	System, ASME Cl	ass High I	Pressu	re Injection, ASI	ME	Class 2			
5. (a) Applicable Cons	struction Code:	USAS B	31.7	19 <u>69</u>	Eđ	tion, <u>No</u>	Addend	la, <u>No</u> (Code Case
(b) Applicable Editi(c) Applicable Sect	on Section XI Utilize ion XI Code Case(s	d For R/R A		19 _98_	Eđ	tion, <u>2000</u>	_ Addend	la.	
6. Identification of	Components								
Name of Component	Name of Manufacturer	Manufact Serial Nur	urer mber	National Board No.		Other identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
2HP-22	Aloyco	UNK		UNK		See Remarks	UNK	Corrected	NO
			-					-	
				•					
					T				
<u>+</u>				· · · · · ·	┢				
					┢				
7. Description of	l				1			1	L
Body to bonnet be	olting replaced.								
8. Test Conducts	ed tatle	tic 🔲 Not	minai C I)perating Pressure Test Tem	e pers	Exempt [] Other •F	·····	

• • •	Work Order Number	Sheet					
	02127787-01	2 of 2					
9. Remarks (Applicable Manufacturer's Data Reports to be attached)							
Threaded Rod, 1/2" 13UNC-2A, Alloy Steel, ASME SA193 Gr B7, UTCH	0001919842						
• Nuts, Heavy Hex, 1/2" 13UNC-2B, Carbon Steel, ASME SA194 Gr 2H, UT	C# 0002008395						
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	·····						
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<u>0</u>							
•							

	CERTIFICATE OF COMPLI	ANCE				
I certify that the statements made in ASME Code, Section XI.	the report are correct and tha	t this conforms to th	e requirements of the			
Type Code Symbol Stamp Not Applicable						
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable			
Signed Will Beckman, Engineer II Date 11/28/2013						
Billier or Owner's Desig	neo, Title					

CERTIFICATE OF INSERVICE INSP	ECTION
I, the undersigned, holding a valid commission issued by the National	Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Source Carping ar	nd employed by HSB CT
of Hartford, Connecticut	have inspected the components described
in this Owner's Report during the period 11.27.15 to	2/18/14 , and state that
to the best of my knowledge and belief, the Owner has performed a	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 cartificate neither the inspector nor his employer	makes any warranty, expressed or implied,
concerning the examinations and corrective measures described in th	is Owner's Report. Furthermore, neither the
Inspector nor his employer shall be/liable in/any manner for any persor	nal injury or property damage or a loss of any
kind arising from or connected with this inspection.	
Commissions 3	048, A.N. I. I.S
laspetior's Signature	National Board, State, Province, and Endorsements
Date 2/10/1/ MARK E. ZURBUG	JH

				Work Order Num	ber	Bheet		
				0203	6760	10	£ 2	
1. Owner		2. Pla	Int			Valt		
Duke Ener	rgy Carolinas, LLO	c	Oconee Nu	clear Station		01	IS - 2	
526 South	Church Street		7800 Roch	ester Hwy	iter Hwy Data			
Charlotte,	NC 28201-1006		Seneca, SC	29672		11/0	9/2013	
3. Work Performe	d by		· · · ·	Type Code Sym	bol Stamp			
Duka Ener		~			Not Ap	plicable		
526 South	Church Street			Authorization N	umber Not Ar	plicable		
Charlotte,	NC 28201-1006			Expiration Date				
		<u> </u>			Not A	oplicable		
4. Identification of	f System, ASME Cl	ass Reactor	Coolant, ASME	Class i				
5. (a) Applicable Cons	struction Code:	USAS B31.7	19 69	Edition, No	Addenc	la, No (Code Case	
(b) Applicable Editi	on Section XI Utilize	d For R/R Activity	19 98	Edition, 2000	Addend	ja.		
(c) Applicable Sect	ion XI Code Case(s) <u>None</u>				187 استان استارین اس سن		
o. Idenuitcation o				Other	l Maan	I Competent	i Agne	
Component	Manufacturer	Serial Number	Board No.	Identification	Built	Removed,	Code	
						or installed	Stamped (Yes / No)	
2RC-77	Anchor Darling	F0691-1-2	2432	None	2000	Removed	YES	
2RC-77	Velan	101050-3	None	UTC#1993004	Unk	Installed	YES	
· · · · · · · · · · · · · · · · · · ·								
			1		1			
7. Description of Work								
EC108007 - Repl	lace 1/2 in. Drain	Valve With A 1/	2 in. Gate Valve.					
8. Test Conduct	ed							
Hydros	itatle 🛄 Pneuma Pressure	tic 🔀 Nominal PSi	Operating Pressure Test Tem	Exempt [Other °F			

	Work Order Number	Sheet
	02036760	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
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6)		
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CERTIFICATE OF COMPLI	ANCE			
the report are correct and tha	it this conforms to th	e requirements of the		
Not	Applicable			
Certificate of Authorization Number Not Applicable				
Signed Survey Uncerned David Hubbard, Technical Specialist II				
	CERTIFICATE OF COMPLI the report are correct and tha Not Not Applicable ubbard, Technical Specialist II nee, Title	CERTIFICATE OF COMPLIANCE the report are correct and that this conforms to the Not Applicable Not Applicable Expiration Date ubbard, Technical Specialist II Date		

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 Source CAPOLINA and employed by HSB CT
of <u>Hartford</u> , Connecticut have inspected the components described
in this Owner's Report during the period 2,6,2013 to 2,15,2014, and state that
to the best of my knowledge and bellef, 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 energine had in any manner for any personal injury or property damage or a loss of any
1 h XIIX - commissions 180/18 201 AUTTI
Instructional Regard State Provide and Endowements
MARK E. ZURBUCH
Date <u>2//5/2014</u>

				Work Order Nun	nber	Sheet	
				020	36763	10	f 2
1. Owner		2. Pia	int			Unit	
Duke Ener	gy Carolinas, LLC	c I	Oconee Nu	clear Station		10	NS - 2
526 South	Church Street		7800 Roche	ster Hwy		Date	
Charlotte,	NC 28201-1006		Seneca, SC	29672		10/3	1/2013
3. Work Performe	d by			Type Code Syn	nibel Stamp Not Ap	plicable	
Duke Ener 526 South	rgy Carolinss, LL Church Street	C	-	Authorization	Number Not Ar		
Charlotte,	NC 28201-1006			Expiration Oat	Not Ar	mlicable	
4. Identification of	System, ASME CI	488			norri	ipileavic	
		High Pressu	re Injection, ASN	E Class 2			
5. (a) Applicable Cons (b) Applicable Editi (c) Applicable Secti	struction Cade: an Section XI Utilize ion XI Code Case(s	USAS B31.7 ad For R/R Activity) <u>None</u>	19 <u>69</u> 19 <u>98</u>	Edition, <u>No</u> Edition, <u>2000</u>	Addend	la, <u>No</u> (la.	Code Case
6. Identification of	Components						
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	Other Identification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)
2HP-278	Unk	Unk	Uak	Unk	Unk	Removed	NO
2HP-279	Unk	Unk	Unk	Unk	Unk	Removed	NO
2HP-278	Flowserve	85BAW	1464	UTC#1078241	2005	Installed	YES
2HP-279	Flowserve	87BAW	1466	UTC#1078243	2005	Installed	YES
					1		
7. Description of	Work						<u></u>
EC-108038 - Rep	place 1-1/2 in. isol	ation valves 2HF	2-278, 2HP-279 W	/ith 1-1/2 in. Gat	e Valves.		
8. Test Conduct Hydros	ed tatic Paeama Pressure	tic 🛛 Nominai PSI	Operating Pressure Test Temp	Exempt	Other		

	Work Order Number	Sheet
	02036763	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
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المحاد المتحد ويجبد التراطي والمحاد البوان		فتقوي المتحد والمتخد وبري المحاد المخد	
CERTIFICATE OF COMPLI	ANCE		
the report are correct and tha	t this conforms to th	e requirements of the	
Not	Applicable		
Certificate of Authorization Number Not Applicable			
Signed Duice Ween /David Hubbard, Technical Specialist II			
nee, Title			
	CERTIFICATE OF COMPLI the report are correct and tha Not Not Applicable ubbard, Technical Specialist II nee, Title	CERTIFICATE OF COMPLIANCE the report are correct and that this conforms to th Not Applicable Not Applicable Expiration Date ubbard, Technical Specialist II Date	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holdi	ing a valid commiss	sion issued by the Na	tional Board of	Boiler and Pressur	e Vessel
Inspectors and the State or	Province of	WITH CADUL	A and employ	ed by F	ISB CT
of	Hartford, Connect	icut	have i	nspected the comp	onents described
in this Owner's Report durin	ig the period	3.6.2013	to Z.	15.2014	, and state that
to the best of my knowled	dge and belief, the	owner has perfor	med examination	ons and taken co	rrective measures
described in this Owner's R	eport in accordance	e with the requirement	its of the ASME	Code, Section XI.	
By signing this certific	ate neither the In:	spector nor his emp	loyer makes a	iny warranty, expr	ressed or implied,
concerning the examination	is and corrective	measures described	in this Owner	s Report. Further	more, neither the
Inspector nor his employer	shall be liable in a	iny manner for any (personal injury	or property damag	e or a loss of any
kind arising from a connect	ted with this inspect	tion.			
11 12					_
MAN XINX X	'X	Commissions	1.3048.2	'01 . A.N. I	IIS
Inspector's Sig	mature	*	National Bo	ard, State, Province, an	d Endorsements
- 7	1				
Date <u><u><u>x</u> · <u>/</u><u>x</u> · <u></u><u>x</u> · <u>/</u><u>x</u></u></u>	4 _				

						Work Order Num	ber		Sheat	
						2052	486		10	f 2
1. Owner		T	2. Pla	Int			<u>کا اس ور می در در م</u>		Unit	
Duke Fre	rgy Carolinas, LL	c I		Oconce Nu	de	ar Station			ON	rs - 2
526 South	Church Street	1		7800 Roche	ste	= Hwy			Oate	
Charlotte,	NC 28201-1006			Seneca, SC	2	9672			11/1	3/2013
3. Work Performed	iby					Type Code Symb	Not Ap	plicat)le	
Duke End 526 South	rgy Carolinas, LI Church Street	C				Authorization Nu	Not An	plicat	nte	
Charlotte	NC 28201-1006	;				Expiration Data	Not An	plicat	nle	
4. Identification of	System, ASME CI	285 Boi	Iding		Cla	 ss 2				
		اللاحم 		,	العبر مکرون					
(a) Applicable Cons	truction Code:	USAS B3	1.7	19 69	Edi	ition, <u>No</u>	Addend	a ,	No (lode Case
(b) Applicable Edition	on Section XI Utilize	d Far R/R Ac	livity	19 98	Eđ	ition, 2000	Addend	la. T		
(c) Applicable Secti	on XI Code Case(s) <u>Noae</u>	-							
6. Identification of	Components			· · ·				-		
Name of Component	Name of Manufacturer	Manufactu Seriai Num	iber	National Board No.		Other Identification	Year Built	Coi Rai or li	rrected, moved, nstalled	ASME Code Stamped
					 			 		(Tes/NO)
2BS-4, body to bonnet mits	Crase	unk		unk		unk	uniz	Co	rected	NO
2BS-4 Body to boanct studs	Crane	unk		unk		unk	unk	Co	rrected	NO
					•					
					ſ					
					┢			<u> </u>	مىكان را سر	<u> </u>
					┢			†		
	 	<u> </u>		1	\vdash		 	┢	- <u></u>	
	1	L		<u>L</u>	L	ويعين فجز البريسية	L			L
7. Description of The potentially ov nuts.	Work ver stress body to	bonnet studs	s and	nuis were replac	æd	. No damage no	otice on ti	he rer	noved sta	xds or
8. Test Conduct	rd									
L Hydros	tatic L Pneuma Pressure	tte 🛄 Noe PSI	nical (Operating Pressure Test Tem) per	LJExempt 2	S Other	<u>V`''LL</u>	<u>sl Lak</u>	tred.
			فالكر		ندر ر <u>ا</u>	i				والمتحدث والمتحدث والمتحد

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	Work Order Number	Sheet
	2052486	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
B Replaced the body to bonnet bolting for 2BS-4 using the following materials using 7/8" threaded rod from UTC-2017103.	: 32 7/8" nuts, UTC 196 1095, re	piaced all studa
9		
0		
0		
0		
0		
0		
9		
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0		

CERTIFICATE OF COMPLIANCE					
I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.					
Type Code Symbol Stamp	Not A	Applicable	•		
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable		
Signed Jula Two, John Turner, Owner or Owner's Designee,	Savier Tah Spec	Date 11/18/13			

••

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel
Inspectors and the State or Province of South CARDINA and employed by HSB CT
of <u>Hartford</u> , Connecticut have inspected the components described
In this Owner's Report during the period <u>5.29.13</u> to <u>12.20.13</u> , and state that
to the best of my knowledge and bellef, the Owner has performed examinations and taken corrective measured
described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
concerning the examinations and optractive measures described in this Owner's Report. Furthermore, petitier the
Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of an
kind analing from or pregrested with this inspection.
ALA BAS XI
TUM Commissions 1304B, 201, A, N, T, TS
National Board, State, Province, and Endorsements
Date 12.20.1.3 MARINE. ZUHBUCH

1. Owner
Duke Ene
526 South
Charlotte,
3. Work Performe
Duke Ene 526 South
Charlotte
L
4. Identification of
5.
(a) Applicable Cons (b) Applicable Edition
(c) Applicable Sect
6. Identification of
Name of Component
Handhole #1 Stud #5.
Handhole #1 Stud #5
Handhole #1 Nut #5
Handhole #1 Nut #5
7. Description of
During removal o need to be replace due to normal man threads were dam
8. Test Conducts
L

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	Work Order Number	Sheet				
	02070140	2 of 2				
9. Remarke (Applicable Manufacturer's Data Reports to be attached)						
• 2A SG Handhole # 1 Stud number 5 (by torque sequence) replaced with stud stock code 5205980 UTC Number 1062597						
• 2A SG Handhole # 1 Nut number 5 (by torque sequence) replaced with nut s	tock code 5206105 UTC Numbe	r 1993777				
0						
0	3					
Ø	ð					
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0	9					
S						
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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 Mitch Halley/Principal Engineer Date 10/31/2013 Owner or Owner's Designee, Title							

I, the undersigned, holding a valid co	mmission issued by the Nati	ional Board of Boiler and	d Pressure Vessel
Inspectors and the State or Province of	Souril CAROLINK	and employed by	HSB CT
of Hartford, Co	onnecticut	have inspected	the components described
in this Owner's Report during the period	10.26.15	to 2/19/14	, and state that
to the best of my knowledge and beli	ef, the Owner has perform	ed examinations and	taken corrective measures
described in this Owner's Report in acco	rdance with the requirements	s of the ASME Code, S	ection XI.
By signing this certificate naither i	he Inspector nor his emplo	oyer makes any warra	inty, expressed or implied,
concerning the examinations and corre	ctive measures described in	in this Owner's Report.	. Furthermore, neither the
Inspector nor rus employer shally be und	le in any manner for any pe	arsonal injury or propen	ty damage or a loss of any
kind ansing from or equiversed with this i	Aspecuon.		
M UISUV		Rail Q 101	
MINCORE		National Board State F	1 N to the to
inspector's signature			riovince, and chroiseanna
Date 2/18/14	MAHK E. Zui	RBUCH	

					Work Order Nut	nber	Sheet	
					0207	0142	10	f 2
1. Owner			2. Pi	ant			Unit	
Duke Ene	rgy Carolinas, Ll	ג		Oconee Nu	clear Station	lear Station ONS - 2		
526 South	Church Street			7800 Roche	ster Hwy	ter Hwy Date		
Charlotte, NC 28201-1006 Seneca, SC 29672			10/3	1/2013				
3. Work Performed by Type Code Symbol Stamp Not Applicable								
526 South	rgy Carolinas, Ll h Church Street	LC			Authorization N	umber Not Ar	plicable	_
Charlotte	NC 28201-1006	5			Expiration Date			
						Not Ap	plicable	
4. Identification of	System, ASME (4	288	Feedy	water, ASME Cla	ss 2			
5.								
(a) Applicable Cons (b) Applicable Edition	struction Code:	ASME Sect	tion III	19 29	Edition, <u>No</u> Edition 2000	_ Addend	1a, <u>No</u> (Code Case
(c) Applicable Secti	on XI Code Case(s)None	LUVILY		<u></u>		/GL-	
6. Identification of	Components				••••••••••••••••••••••••••••••••••••••			
Name of Component	Name of Manufacturer	Menufact Serial Nur	urer nber	National Board No.	Other Identification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)
Ins pec tion Port M10 Stud #4.	BWC	B7 006K 279	982	207	JB7/NM14628/9 82	Unk	Installed	NO
Inspection Port M10 Stud #4	BWC	B7 006K 279	980	207	B 7	Unk	Removed	NO
Inspection Port M10 Nut #4	BWC	unk		207	S- 7	Unk	Installed	NO
Inspection Port M10 Nut #4	BWC	unk		207	S-7	Unk	Removed	NO
Inspection Port M10 Diaphragm	BWC	T8K-7	1	207		uлk	Installed	NO
Inspection Port M10 Diaphragm	BWC	G04A-	1	207		unk	Removed	NO
Inspection Port R11 Diaphragm	BWC	T8K-1	4	207		unk	Installed	NO
Inspection Port R11 Diaphragm	BWC	G04A-	4	207		unk	Removed	NO
7. Description of	Work							
During removal of handholes for Steam Generator Secondary Side FOSAR work on the 2A ROTSG, one inspection port								
to be due to normal maintenace during installation and removal. The items replaced met code for pressure boundary, but								
threads were damaged due to normal wear and tear during the removal process. The diaphragms are being replace due the								
fact that during in	stallation, the gas	ket had dro	pped o	out of the gasket	groove and was ci	rushed int	to the diaphrag	m lip.
8. Test Conducte		. —				7		:
L Hydrost	atic [_] Pneuma		minai (Operating Pressure		J Other		
•	Pressure	PS	I	Test Temp	ersture	. k.		

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	Work Order Number	Sheet				
	02070140	<u>2</u> of 2				
9. Romarks (Applicable Manufacturer's Data Reports to be attached)						
• 2A SG Inspection Port #M10 Stud number 4 (by torque sequence) replaced 1063782	with stud stock code 5549761 UT	C Number				
2A SG Inspection Port #M10 Nut number 4 (by torque sequence) replaced to the sequence of	with nut stock code 5206104 UT	C Number 1061993				
Inspection Port #M10 Diaphragm replaced with Stock Code 5206118 UTC 1	1935039					
Inspection Port #R11 Diaphragm replaced with Stock Code 5206118 UTC 1	935039					
9						
0						
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 Not Applicable							
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable				
Signed Mitch Hatley/Principal Engineer Date 10/31/2013							
Owner or Owner's Designee, Title							

CERTIFICATE OF INSERVICE INSPECTION

of Hartford Connecticut have inspected the components describ	
of Hartford, Connecticut have inspected the components describ	<u> </u>
	ped
in this Owner's Report during the period 10.26.13 to 218/14 , and state t	that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measi	Jures
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 impl	olied.
concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither	r the
Lessentiar activities employed shall believe a new menner for any nersonal injury or property damana or a loss of	fany
historial sine second dithe bio inspector	
kiru arsingrun er sommeren winnens inspection.	
Commissions / 5048.201. AN Z.Z.S	
Inspector's Signature National Board, State. Province, and Endorsements	

					1	Work Order Num	iber		Sheet	
						02077	7742		1 0	£2 ;
1. Owner		یک <i>ہ در ب</i> رنے ہے=	2. Pla	Brit			و میں کشف ہوتی	-1	Unit	
Duke Ene	rgy Carolinas, LL	c		Oconce Nu	юle	clear Station ONS - 2				NS - 2
526 South	Church Street		Í	7800 Roch	este	ester Hwy Date				
Charlotte,	NC 28201-1006			Seneca, SC	2	9672			12/1	/2013
3. Work Performe	d by		<u></u>		Type Code Symbol Stamp					
Dula Par		~			Not Applicable					
526 South	rgy Carolinas, LL h Church Street					Authorization Nu	Imber Not Ar	bolicab	le	
Charlotte	NC 28201-1006	5				Expiration Date				
							Not Ar	plicab	le	
4. Identification of	System, ASME Cl	ass Gaseous V	Vaste E	Disposal System,	, A	SME Class 2				
5.					-					
(a) Applicable Cons (b) Applicable Edition	struction Code:	USAS B	<u>131.7</u> Activity	<u>19 69</u>	Ed	ition, <u>No</u> Ition 2000	_ Addend	18, <u> </u> 18.	None (Case
(c) Applicable Sect	ion XI Code Case(s)None					~			
6. Identification of	Components			ن المانية بين محمد المانية مي المربي الم						
Name of Component	Name of Manufacturer	Manufaci Serial Nu	turer mber	National Board No.		Other Identification	Year Built	Con Ren or In	rected, noved, istailed	ASME Code Stamped
					\mathbf{F}	a Damadra (1				(1647 1407
2GWD-13	ITT	UNK	٢ ٢	UNK		& 2)	UNK	Co	rected	YES
					Γ					
<u></u>										
					╉┈					
					T					
					\dagger			<u>†</u>		<u> </u> i
7 Decedetion of	l	L		L			i	}		L
Work order 0207	7742 installed a h	onnet/set	ator and	sembly that was	nof	a direct replace	ment on	2011	L12 T	he
replacement actu	ator/bonnet assem	bly was a s	set con	sisting of a stain	les	s steel bonnet a	nd an actu	lator v	with a du	ctile iron
housing removed	from iLWD-2.	The origins	al actua	itor/bonnet asser	nbl	y was a set cons	sisting of	a duci	tile iron	bonnet and
actuator with an a	atuminum housing	3. Referen	ce OM	2010479.001	fc))	or original 2GW	D-13) an		2490	235.001
original body/bo	anet bolting mater	tial was use	ed, inst	ead of the boltin	ig ti	naterial specific	d for the		-1235. E	C111862
evaluated the acc	ceptance of the act	uator/bonn	net asse	mbly and the bo	ltir	g			_	·
8. Test Conduct	ed static D Pacams Pressure	utie 🗌 N	iominal Si	Operating Pressur Test Ten	e aper	Exempt D	Other °F	PT/2/	/A/0151/0	18

	Work Order Number	Sheet
	02077742	2 of 2
9. Remarks (Applicable Manufacturer's Data Reports to be attached)		
• Valve 2GWD-13 - replaced bonnet assembly, UTC#0002024096. Original A193 Grade B7 bolting.	body/bonnet bolting material wa	s used, material is
Valve 2GWD-13 was NOT replaced.		
0		
9		
8		
0		
0		
0		
0		
6		

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 NumberN	ot Applicable	Expiration Date	Not Applicable			
Signed <u>Rick Burgen</u> Rick Burgess, S Owner or Owner's Designee, Title	Sr. Technical Specialist	Date	12/11/2013			

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 Sport Caroling A and employed by HSB CT						
of Hartford, Connecticut have inspected the components described						
In this Owner's Report during the period 11.14.13 to 12.19.13, 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 pertificate heither the inspector nor his employer makes any warranty, expressed or implied,						
concerning the examinations/and corrective measures described in this Owner's Report. Furthermore, neither the						
inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any						
kind arising from or connected with this inspection.						
Commissions ISCHO, AULAN, IS						
Mispecial TSignature National Board, State, Province, and Endorsements						
Date 12.19.17 MARK E. ZUHBUCH						

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						Work Order Nun	iber	Sheet	
						020787	55-01	1	of 2
1. Owner			2. Pl	ant				Unit	
Duke Ene	rgy Carolinas, LI	c		Oconce Nu	cle	lear Station			DNS - 2
526 South	NC 28201-1006			7800 Roch	CSIC 7 20	# Hwy 1672		Date	
Charlotte	, NC 28201-1000			361668, 30	, Z:			11/	20/2013
3. Work Performe	d by					Type Code Symi	ooi Stamp Not Ap	plicable	
Duke En	Duke Energy Carolinas, LLC Authorization Number								
Charlotte	NC 28201-1006	i				Evaluation Data	Not Ap	plicable	
					i	Computation Data	Not Ap	plicable	
4, Identification of	f System, ASME Cl	ass High F	ressu	re Injection, ASI	ME	Class 2			
5. (a) Applicable Cons (b) Applicable Editi (c) Applicable Sect	struction Code: on Section XI Utilize ion XI Code Case(s	USAS B: d For R/R A	31.7 ctivity	19 <u>69</u> 19 <u>98</u>	Edi Edi	tion, <u>No</u> tion, <u>2000</u>	_ Addend _ Addend	a, <u>No</u> a.	Code Case
6. Identification of	Components								
Name of Component	Name of Manufacturer	Manufacta Serial Nur	urer nber	National Board No.		Other identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
2HP-31	Fisher Controls	476861	0	N/A		N/A	1971	Corrected	NO
<u> </u>									
					-			<u> </u>	+
					┢─				
					-				
					_				
7. Description of Stem / plug assem	Work bly replaced due	to normal fi	ow er	osion with like o	one	from stock.			
8. Test Conducte	atic Pressure	tic 🗌 Not PSI	ninai C	Operating Pressure Test Tem	: pera	Exempt]Other °F		

	Work Order Number	Sheet
	02078755-01	2 of 2
9. Romarks (Applicable Manufacturer's Data Reports to be attached)		
• Plug Stem assembly - Cat ID 860541, ASME SB166 N06600/COCR-A (plu ASME Code Data Report attached.	g), UTC #2005011. Certificate of	of Compliance and
0		
0		·····
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Ø		
B		
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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 Desig	Date	11/20/2013						

CERTIFICATE OF INSERVICE I	NSPEC	TION	
I, the undersigned, holding a valid commission issued by the Natio	onal B	card of Boiler and i	Pressure Vessel
Inspectors and the State or Province of South Caroluna	and	employed by	HSB CT
of Hartford, Connecticut		have inspected the	e components described
in this Owner's Report during the period 9.19.13	to	2/18/14	, and state that
to the best of my knowledge and bellef, the Owner has perform	ed exa	aminations and ta	ken corrective measures
described in this Owner's Report in accordance with the requirements	s of the	ASME Code, Sec	tion XI.
By signing this certificate neither the inspector nor his emplo	oyer m	akes any warrant	y, expressed or implied,
concerning the examinations and corrective measures described in	n this _.	Owner's Report.	Furthermore, neither the
inspector nor his employer shall be liable in any manner for any pe	irsonal	injury or property	damage or a loss of any
kind ansing form onconnected with this inspection.		•	
	201	la 10, 1	$1/T = T_{c}$
Tota Commissions	<u>X</u>	O, ACIA,	N, A 15
		ionai board, State, Pro	vince, and Endorsements
Date 2/19/10/ IVIAMK E. ZUKBU	ICH		
			••••

				F	Work Order Nun	iber	Sheet	
					020789	07-01	10	of 2
1. Owner	· · · · · · · · · · · · · · · · · · ·	2. PI	ant				Unit	
Duke Ene 526 South	rgy Carolinas, LL	<i>с</i>	Oconee Nu 7800 Roche	cica este	r Station		0	NS-2
Charlotte	NC 28201-1006		Seneca, SC	29	672		Date 11/1	0/2013
3. Work Performe	formed by Type Code Symbol Stamp Not Amplicable							
Duke End	ergy Carolinas, LI	LC S		ł	Authorization Nu	mber		
- 526 Sout Charlotte	n Church Street c, NC 28201-1006	i		┢	Expiration Date	Not Ar		
A					-	Not Ar	plicable	
4. Identification of	r System, ASME Cl	ass High Pressu	re Injection, ASN	ΛE (Class 2			
5. (a) Applicable Cons (b) Applicable Editi (c) Applicable Sect	struction Code: on Section XI Utilize ion XI Code Case(s	USAS B31.7 Id For R/R Activity)None	19 <u>69</u> 19 <u>98</u>	Editi Editi	ion, <u>No</u> ion, <u>2000</u>	_ Addend	la, <u>No</u> (la.	Code Case
6. Identification of	f Components							
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	la	Other dentification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes / No)
2HP-302	Crosby	N67966-00- 0001	N/A		none	1985	Corrected	YES
							<u> </u>	
· :					<u> </u>			
				<u> </u>				ļ
7. Description of	Work							
Replaced inlet bo	dy studs form sto	ck						•
8. Test Conduct Hydror	ed tatic I Pacuma Pressure	tic 🛄 Nominal (Operating Pressure Test Temp		Brempt] Other °F		

Work Order Number	Sheet
02078907-01	2 of 2
05482, UTC #: 960819	
	Work Order Number 02078907-01 05482, UTC #: 960819

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	Ne	nt Applicable					
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable				
Signed Signed Owner or Owner's Designed	Engineer 1	Date <u>//-/5</u>	- 13				

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 CAROLINA and employed by HSB CT
of <u>Hartford, Connecticut</u> have inspected the components described
In this Owner's Report during the period _//./0./3 to _/2.20./3 , and state that
to the best of my knowledge and bellef, 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 relither 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 share be hadre in any manner for any personal injury or property damage or a loss of any i
Commissione 13048 201 AUT TC
National Board, State, Province, and Endorsements
Date 12.20.13

J,

						Work Order Num	ber		Sheet	
						020789	61-01		1 0	2.
1. Owner			2. Pl	Int					Unit	
Duke Ene	rev Carolinas, LL	c		Oconee Nu	cle	ar Station			ON ON	IS - 2
526 South	Church Street			7800 Roch	csta	ster Hwy Oats				
Charlotte,	NC 28201-1006			Seneca, SC	: 2	9672			11/14	/2013
3. Work Performed	l by					Type Code Symb	ol Stamp			
		-					Not Ap	plical	ble	
Duke Ene	rgy Carolinas, LI	C				Authorization Nu		أومزلوه	hle	
Charlotte	NC 28201-1006	i				Expiration Date	1.01.74			
							Not Ap	plical	ble	
4. Identification of	System, ASME CI	ass High l	Pressu	e Injection, ASI	ME	Class 2				
8. (a) Applicable Cons (b) Applicable Editio (c) Applicable Secti	truction Code: on Section XI Villiza on XI Code Case(a	USAS B Id For R/R A)None	3 <u>1.7</u> ctivity	19 <u>69</u> 19 <u>98</u>	Edi Edi	ition, <u>No</u> Ition, <u>2000</u>	_ Addand	ia, ta	<u>No</u> C	code Case
6. Identification of	Components					· · · · · · · · · · · · · · · · · · ·				
Name of Component	Name of Manufacturar	Manufaci Serial Nu	turer mber	National Board No.		Other Identification	Year Built	Ca Re or l	mected, moved, natalied	ASHE Code Stamped (Ves / No)
2HP-120	cci	UNK		UNK		See Remarks	UNK	6	crected	YES
					Γ					
					Γ					

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					t					
					T					
					┞					
7. Description of Spindle replaced	7. Description of Werk Spindle replaced for maintenance convenience.									
5. Test Conducts	8. Test Conducted Itydrostatic Pressure Nominal Operating Pressure Exempt Other Pressure PSI Test Temperature *F									

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	Work Order Number	Sbert				
	02078961-01	2 of 2				
9. Remarks (Applicable Manufacturer's Data Reports to be attached)						
SPINDLE, VALVE, DRAG, 2-1/2", INCONEL, ASME SB637-N07718, C	ID 486801, UTC# 1931100					
8						
0						
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and the second second

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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	Type Code Symbol Stamp Not Applicable							
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable					
Signed gight Beekman, Engineer II Date 11/14/2013								
Gwher of Owner's Design	rc, Title							

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of Source Caroluda and employed by HSB CT
of <u>Hartford, Connecticut</u> have inspected the components described
in this Owner's Report during the period 11.12.15 to 12.20.13, 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 absordance with the requirements of the ASME Code, Section XI.
By signing this dertificate 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 entropy and he liable in any manner for any personal injury or propeny damage or a loss of any
kind arrsing your orcondected with mayinspection.
The KAXIA Completion read P DI ALT TO
Viteranter a Signature

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

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As required by the provisions of the ASME Code Section XI						order Hu 01923	nte 035 - 01	1	Shout	Page 1 of 2
1. Owner	Duke Energy Gerofinas, LLC 628 South Church Street Chartotte, NC 28201-1005	; •	2. Plast Ocone 7800 I Sense	e Nuclear Stati Rochester Hwy a, 8C 29872-07	on /52				Unit 2 Date 11	9/2011
2. Wark Pe	stemed By					i) (per Ca	nda Symbol	Stang	Not Anol	icahla
I	Duko Energy Carolines, LLC									
	526 South Church Streat Not Applicable								icable	
	Chendle, NC 20201-1008					Explai	ilet; Dista		Not Appl	iceble
4, Libertifics	allop of Systems, ASSE Chase		Mair	Feedwatar ,	ASM	Class	5 1	·		
B. (a) Applicat (b) Applicat (c) Applicat	8. (p) Apallankin Canstruction Code: <u>USAS B31.7</u> <u>1999;</u> Edition, <u>Ha</u> Addanda <u>Na</u> Code Cene <u>Name</u> (h) Applicable Edition Section XI Utilized For R/R Adivity <u>1999;</u> Edition, <u>2009</u> Addande (h) Applicable Section XI Codes Canasty <u>Home</u>									
6. Identificati	bn el Coloporente									
I	Name of Component	Manufacturer:	Manufacturer Sortal Number	National Board No	Oth identifie	er setion	Year Bulk	Co Run ti	mected, moved or installed	ASME Code Stampod (Yes/No)
50-0-147 Hydraulic	9A-H1A, Anvil 2 1/2 x 5 : Snutber	And	36546	UNK	UTC 195642	1	UNK	last	beita	No
1) 50-0-1 Hydraulic	479A-H1A, Anvil 2 1/2 x 5 Snubber	Ami	36661	UNK	NA		UNK	Ren	noved	No
7. Descriptio South	n of Wark her replaced due to fluid look									
8. Teel Conc	Acted		ninel Operating De-		vennet	r			Marial	
		DEI DEI	mer akereniå Lie		Tast T-			•		E

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

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As required by the provisions of the ASIAE Code Section XI	Nork Order Hundso 01923036 - 01	Maast Page 2 of 2
7. Romenia (Applicatio Mundeshari's Cato Ruporta to be stigicist)		
1) Snubber replaced due to fluid leak		
	NOR	
CERTIFICATION OF COMPLIA Loarity that the statements made in the report are correct and that this conforms in the ASME Code, Section Xi	e requirements of the	
Type Code Symbol Stamp Not Applicable		
Certificate of Authentzetion Number Not Applicable Expire	stion: Data Not App	licebie
Signed Arrest Vice Sr Erry Date	11-9-11	
CERTIFICATION OF INSERVICE IN:	SPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Bolter Inspectors and State or province of Sou 754 CAROINA and employed by of <u>Hanford. Connections</u> have inspected in the Owner's Report during the period $\underline{H} \cdot \underline{7} \cdot \underline{H}$ to the best of my knowledge and belief, the Owner has performed examinations and tak described in this Owner's Report in secondance with the requirements of the ASME Coc	and Pressure Vessel <u>HSB CT</u> I the components described 2017, and state on corrective messures le, Bection XI.) Chat
By signing this certificate neither the inspector nor his employer make any warrenty, a concerning the comminations and corrective measures described in this Owner's Report inspector nor his engineers still by fisch is any manner for any personal injury or proper any kind rising from the described with this inspection.	ropressed or implied, . Furthermore, neither the inty damage or a loss of <u>T.S.201</u> over the set for the set of the s	
Date 10.4.12		

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

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reduited by the bio.	visions of the ASME	Code Section	un XI		r	Work Order Num	Mar .	Sheet	
						01963	065	10	£ 2
1. Owner	المرافعة بتعالين وإلما الجريب		2. 94	Int	_}			Unit	
Duke Energy Carolinas, LLCOcones Nucl526 South Church Street7800 RochesCharlotte, NC 28201-1006Seneca, SC 2				clea Iste 29	ear Stanion ONS - 2 er Hwy Date				
3. Work Performed by Type Code Symbol Sterry									
		-					Not Ap	plicable	
S26 South Church Street Not Applicable									
Charlotte,	NC 28201-1006					Expiration Date	Not Λρ	plicable	
4. Identification of	System, ASNE Cl	858 Ra	eactor (Coolant, ASME	Cla	95 1			
6. (a) Applicable Construction Code: <u>ASME Section III</u> 19 <u>27</u> Edition, <u>No</u> Addenda, <u>Code Cesé</u> (b) Applicable Edition Section XI Utilized For R/R Activity 19 <u>98</u> Edition, <u>2000</u> Addenda. (c) Applicable Section XI Code Case(s)									
6. Identification of	Components.								
Name of Component	Name of Manufacturer	Manufac Serial Nu	turer Inter	National Board No.	'	Other dentification	Year Bulit	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)
2B SCI Primary Handhole Nut	B&W Canada	UNI	د	208		70-97	2003	Removed	NO
2B SG Primary Handhole Nut	B&W Canada	52061	06	208		7B 1R04	unk	Installed	NO
									<u> </u>
						. •			
			<u></u> ,		╞	· · · · · · · · · · · · · · · · · · ·	 		}
	<u> </u>			<u> </u>	┡				┿
		L		l	L		<u>}</u>		
7. Description of Replaced 2B SG between the nut is a hammer and "s acceptable for us original nut with	(2RCHX00B) Pri and washer. Gallin lugging" wrench. w. but Maintenanc replacement nut.	imary Side ng occurs d The slidin 20 perferre Stock Cod	Handl lue to t g betwe d to rep le 5577	iole Nut: 2B SG he fact the nut is een the washer a lace the nut as it 971 UTC Numb	Print instand to t material	mary Handholo stalled using a t nut galls the ma by cause issues 910369	Nut had orque wro king durf during to	galled matting such and remains ace. The exist equing. Repla	surface oved using ing nut was ced
8. Test Conduct	statle 🔲 Poeum Pressure	atic [] M	iominal PSI	Operating Pressur Test Test	n ap ar	Brempt [] Other		

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

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	Work Order Number	Sheet					
	01963065	i of 2					
9. Remarks (Applicable Manufacturer's Data Reports to be attached)							
U 28 SU Primary Hanahole Nut: Replaced original nut with replacement nut.	Stock Code 557/971 UTC Nume	T IVIUIDY.					
9							
8							
9							
B	•						
8							
	• ·						
9							
	<u></u>						
0							
CERTIFICATE OF COMPLIA	NCE						
I certify that the statements made in the report are correct and that this conforms to the requirements of the							

Type Code Symbol Stamp	Not		•
Certificate of Authorization Number	Not Applicable	Expiration Date	Nor Applicable
Signed Mitch	Hatley/Principal Engineer	Date 11-7-11 704	-787-2383

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		•				Work Order Num	ber	Sheet		
		•		•		02009	9996	10	f 2	
1. Owner	مەخىلىك بىيە يىيىنى بالالىرى .	2	. Plant		لببعد		•	Unft	· · · · ·	
Duke Eng	rgy Carolinas, LL	c		Oconee Nu	ncie	ar Station		0	NS-2	
526 South	Church Street	1		7800 Roch	csu	er Hwy		Date		
Charlotte, NC 28201-1006 Seneca, SC						9672	••	11/2	1/2011	
3. Work Performe	3. Work Parformed by Type Code Symbol Stamp Not Applicable									
Duke En	ergy Carolinas, LL	.C				Authorization Na	mber			
526 South Church Street Not Applicable										
Charlotte	NC 28201-1006	-				Expiration Date	Not Ag	plicable		
4. Identification of	System, ASME CI	a sa Reac	tor Cool	ant, ASME	Cl	iss (•		
5. (a) Applicable Construction Code: USAS 031.7 (9 69 Edition, No Addende, No Code Case (b) Applicable Edition Section XI Utilized For R/R Activity 19 98 Edition; 2000 Addende. (c) Applicable Section XI Code Case(s) None							Code Case			
e. Idenancation o	r Componente			•						
Name of Component	Name of Manufacturer	Manufactur Serial Numb	bei. 19 Iet. 19	Vational Icard No.		Other Identification	'Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)	
2RC-78	Velan	Unk		Unk		Unk	Uak	Removed	NO	
2RC-78	Flowserve	59AXR		1185	Ľ	UTC 1067004	2003	Instalied	YES	
Piping	DECo	None		None		None	2011	Installed	NO	
			_							
				·····	Ļ					
		 			L					
7. Description of Work EC107149 - Replace 3/4". Class AC, drain valve 2RC-78 and associated piping										
8. Test Conducted B. Test Conducted Hydrostatic Pressure PSI Test Temperature F										

	Work Order Number	Sheet
	02009996	2 of 2
9. Remarks (Applicable Masufacturer's Data Report	s to be attached)	
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CERTIFICATE OF COMPLI	ANCE					
I certify that the statements made in the report are correct and that ASME Code, Section XI.	t this conforms to the requirements of the					
Type Code Symbol Stamp Not Applicable						
Certificate of Authorization Number Not Applicable	Expiration Date Not Applicable					
Signed Wille Councer or Churner's Designue. Title	Date <u>11/21/2011</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 of Province of Source Curround and employed by HSBCI
in this Owner's Report during the parlod 1.8.1 to 12.12.11 . and state that
to the best of my knowledge and beller, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the regulirements of the ASME Code, Section XI.
By signing this gentificate 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 a connected with this inspection.
Commissions 18048. 201. A.N.T.
National Board. State, Province, and Endorscraterils
Date 12 . 17 . 1

				Work Order Nut	iber	Sheet	
				0192	5037	1 0	f 2
1. Owner		2. P	ant			Unit	
Duke Ene	rov Carolinas, LI.	c l	Oconee Nu	lear Station		02	NS - 2
526 South	Church Street		7800 Roche	ster Hwy		Data	
Charlotte,	NC 28201-1006		Seneca, SC	29672		1/0	2012
A 141-14 D - 4			- 	These deside from			2012
3. Work Performe	d oy			1 ype Code Sym	Not Ar	plicable	
Duke Eng	ergy Carolinas, LI	.c		Authorization N	ander .		
526 Sout	h Church Street				Not Ap	plicable	
Charlotte	, NC 28201-1006			Expiration Date	Not Ar	nlicable	
A. Identification of	System ASME CI	238	,				
		Steam General	or Flush Drain, A	SME Class 2			1
5.		ن (۲۰۰ م. ۱ ۰۰ م. ۲۰۰ م. ۲	CTPL U	stre-			
(a) Applicable Cons	struction Code:	USAS B31	<u> </u>	Edition, <u>No</u>	Addend	la, <u>None</u> (Code Case
(b) Applicable Editi	on Section XI Utilize	d For R/R Activity	19 <u>98</u>	Edition,2000	Addend	ta .	
(c) Applicable Sect	Componente)0/a					
			1 N=41= == 1	O #	1		· ····
Rame or Component	Name of Manufacturer	Serial Number	Board No.	Identification	Built	Removed.	ASHE Code
						or installed	Stamped
			•	·	1		(Yes / No)
S/R 04A-0-	DURE	N/A	N/A	N/A	1073	Installed	NO
1478A-H5B	Done		IVA			Induncy	
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							· · · · ·
7. Description of	Work						
Replaced a thread	ded rod (item #3)	with a longer on	e to allow for spri	ng can adjustment	:		
8. Test Conduct	ba						
Hydros	tatic 🔲 Paeuma	tic 🗌 Nominal	Operating Pressure	Exempt	Other		
	Pressure	PSi	Test Tem	perature	97		

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	Work Order Number	Sheet
	1925037	2 of 2
9. Remarks (Applicable Masufacturer's Data Reports to be attacked)		
• 1, threaded rod and rod eye fig. 278N, carbon steel, UTC # 0001978904 Tra	ICE: M PN#278N	
8		
0		
8		
8		
0		······································
•	· · · · ·	
8	·····	
0		
(D)		

	CERTIFICATE OF COMPLIA	NCE	
I certify that the statements made in the ASME Code, Section XI.	report are correct and that	this conforms to the red	uirements of the
Type Code Symbol Stamp	Not	Applicable	
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed <u>Owner or Owner's Designee</u> ,	Engineer T Title O	Date 1/9/12	

CERTIFICATE OF INSERVICE	INSPECTION	
I, the undersigned, holding a valid commission issued by the Na	ational Board of Boiler and Press	ure Vessel
Inspectors and the State or Province of North Caroling	and employed by	HSB CT
of Hartford, Connecticut	have inspected the con	ponents described
in this Owner's Report during the period	to 11/27/12-	, and state that
to the best of my knowledge and belief, the Owner has perfor	med examinations and taken (corrective measures
described in this Owner's Report in accordance with the requireme	nts of the ASME Code, Section >	(].
By signing this centricate neither the inspector nor his em	ployer makes any warranty, ex	pressed or implied,
concerning the examinations and confective measures described	a in this Uwner's Report. Fully	termore, neither the
kind arising from or connected with this inspection	A hereover index of biohetry datus	age or a loss of any
		1
Nonfightetel Stantin Commissions	138447 d (1169 ABN.	FIS
Inspector's Signature	National Board, State, Province,	and Endorsements
nu 1/22/12-		
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				ſ	Work Order Num	ber	Sheet	
					1926	635	10	f 2
1. Owner		2. Pl	ant	-			Unit	
Duke Ene	rgy Carolinas, LL	с	Oconee Nuc	lea	r Station		ON	NS - 2
526 South	Church Street	1	7800 Roche	ster	r Hwy		Date	
Charlotte,	NC 28201-1006		Seneca, SC	29	672		12/1	5/2011
3. Work Performed	1 by			Т	Type Code Symb	vol Stamp		
D.1	m Contine II	r		L	A	Not Ap	pucable	
STA South	- Ev Caronnas, LL Church Street	~		ſ	Authorization Nu	Not Ar	plicable	
Charlotte.	NC 28201-1006	s 1		ŀ	Expiration Date			
				L		Not Ap	plicable	······
4. Identification of	System, ASME CL	ass Main S	Steam, ASME Cl	155	2			
5.		110.40	10 40	العمر. 		A.J.A		
(a) Applicable Cons (b) Applicable Edition	Section Xt I Hiller	USAS B31.1 d For R/R Arthuttu	19 <u>67</u> 19 98	⊂diti Ed₩	ion. 2000	Addend _ Addend	va, <u>No</u> ('a.	va ce Case
(c) Applicable Section	on XI Code Case(s)) None						
6. Identification of	Components		فنصحف كالأبيريس مندوي					
Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board No.	£c	Other dentification	Year Built	Corrected, Removed, or installed	ASME Code Stamped (Yes / No)
2-01A-0-1401B- H10	DECo	N/A	N/A	5	See Remarks	1973	Corrected	NO
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	1	<u>†</u>		\vdash		†	 	+
				[1	1
7. Description of	Work							
Adjusted S dimer	usion, installed spi	acer bolt and nut	S					
8. Test Conduct	ed tatic Pnesma Pressore	tie Nominal PSI	Operating Pressure Test Terr) [Exempt] Other		
Adjusted S dimer	nsion, installed sp od tatte Poesma Pressure	tic Nombasi	S Operating Pressure Test Tem	pera	Exempt [] Other		

	MOLK OLDEL LARDEL	SHEEL
	19 2663 5	2 of 2
9. Remarks (Applicable Masufacturer's Data Reports to be attached)		
@ 2 1/2" threaded rod, spacer bolt alloy steel ASME SA 193 Gr B7 UTC# 000	1971602 Trace: M HT#A100413	
9 4, 2/12" mits, heavy hex, carbon sti, ASTM A194 Gr 2H UTC# 000193113	4 Trace: M HT#614	
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<u> </u>		<u></u>

	CERTIFICATE OF COM	PLIANCE	
I certify that the statements made in t ASME Code, Section XI.	the report are correct and t	that this conforms to the	requirements of the
Type Code Symbol Stamp	٢	lot Applicable	
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable
Signed Annall's Quint	ENGO DEEN TL	Date/2///5/	<i>d</i>

	CERTIFICATE OF INSERVICE INSPECTION
142	I, the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State or Province of <u>Dertification</u> and employed by <u>HSB CT</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>11/24/12</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 shall be liable in any manner for any personal injury or property damage or a loss of any third arising from or connected with this inspection. Worth Commissions MB8447 MUI69 ABMT TS National Board, State, Province, and Endorsements Date <u>11/24/12</u>

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

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A	سر الم الدين				Constant	_	_	-		
As requin	ea by the provisions of the AS	ME Code Section	A I		Where C	D1944	nden 543 - 03	3	Chart.	Page 1 at 2
1. Outer	Duke Energy Carolinas, LLC	;	2 Plant Ocon	e Nuclear Stat	ion				Unit 2	
	526 South Church Street		7800 (Rochester Hwy					0.000 44	2/2014
	Charlotte, NC 28201-1008		Senec	a, SC 29872-0	752					navzut t
3. Work Po	rterned By Dideo Constants Add					Type Ci	xia Zymbol	Sharp	Not App	jicable
	500 Cherry Cercentes, LLL	•				ALCHO	ization Nun	der -	Mat Anal	leabla
	Chadalle NC: 28201-1008									
									Not App	losbie
4, ideallia	ation of Systems, ASIEE Choose		Ree	tor Coolant ,	ASM	Class	2			
(a) Applicat (b) Applicat (c) Applicat	the Construction Code <u>Littles and the</u> Lin Estiton Section XI Littlesel For RNR / Juli Bection XI Codes Casee(1)	1967 1988 Edito Notivity 1998, Edito Nazia	in, <u>Ho</u> Addunda <u>H</u> in, <u>2003</u> Addunda	g Carla Casa	<u>th</u>					
i (decebcat)	ian of California									
1	Name of Component	Menufacturer.	Manufacturer Serist Number	National Board No	Othe Identific	ar Xetion	Year Bull	Co Ref Ir	mected, noved or retailed	ASME Code Stamped (Yes/No)
Q3-0-148 Hyadrau	8-468, 2 Am/i 2 1/2 x 10 ic Snubber	Anvū	38500	UNK	UTC 199058	7	UNK	tost	lied	No
1) 03-0-1 10 Hyadr	488-1468, 2 Anvil 2 1/2 x raulic Snubber	Anut	38138	UNIK	N/A		UNK	Ren	noved	No
7. Centrolic	an al Werk			<u>محدين وتصحفت</u>				-	الال الأنان	
Snub	ober replaced due to sticking o	sylinder piston rod								
I. Test Con	ducted					•••••				
	tydrostatic 🛛 🗍 Pnijem	etic [] No:	minal Operating Pre	ssure 🗹 E	Dempt	6	Cthe	RT .	Viewet	
	Pressure	PS i			Test Te	mpen	tura		Dea	F

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

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As required by the provisions of the ASME: Code Section XI	Work Order Humbs 01944543 - 03	Sheet Page 2 of 2
7. Resource (Applicable Mandachumr's Cata Reports to be attached)		
1) Snubber reptaced due to sticking cylinder piston rod.		<u> </u>
CERTIFICATION OF	COMPLIANCE	
I cartily that the statements made in the report are correct and that this ASME Code, Section XI	conforms to the requirements of the	
Type Code Symbol Stamp N	ot Applicable	
Cartificate of Autherization Number Not Applicable	Expiration Data Not /	Applicable
Signed / Carded Chile Sr. E.g.	Dato	
Owner or Owner's Designer, Title		
CERTIFICATION OF INSE	RVICE INSPECTION	
I, the undersigned, holding a valid commission isgued by the National B	loard of Boller and Pressure Vessel	
inspectors and State or province of NMTA (Molin and e	mployed by <u>HSB CT</u>	
in the Owner's Report during the particle / / / / / to to	1/2.1/1 2 and sh	leg la that
to the best of my knowledge and ballef, the Owner has performed examin described in this Owner's Report in accordance with the requirements of	nations and taken corrective measures the ASME Code, Section XI.	
By signing this certificate neither the inspector nor his employer make a concerning the examinations and corrective measures described in this (inspector nor his employer shall be tisble in any manner for any personal any kind rising from or connected with this inspection.	iny warrenty, expressed or implied, whet's Report. Furthermore, neither th Injury or property damage or a loss of	•
Noncy Chitety Suget Commission(a) AB844	17 NJS NC1169	_
Data 2/29/12		

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					Wo	rk Order Num	ber		Sheet	
						19639	89-01		I of	2.
1. Owner			2. Pla	nt					Unit	
Duke Energy	Carolinas, LL	c	ļ	Oconee Nuc	clear St	tation			ON	IS - 2
526 South Chu	urch Street		ļ	7800 Roche	ster H	wy			Date	
Charlotte, NC	28201-1006			Seneca, SC	29672	2			11/8	/2011
3. Work Performed by					Тур	e Code Symt	ol Stamp			
-	~ "	~					Not Ap	plical	le	
Duke Energy	Carolinas, LL	C			huA	horization Nu	mber Not Ar	nlicol		
Charlotte. NC	28201-1006					Nation Date		-prical		
							Not Ap	plicat	ble	
4. Identification of Sys	tem, ASME Cla	Low	Press.	Injection, ASMI	E Clas	52				
5.	line Code:		31.7	10 40	Edition	Ne	Addama	 4		
(a) Applicable Edition S	ection XI Utiliza	d For R/R A	Activity	19 98	Edition.	2000	Addend	^{ни} , 19.	<u></u>	-0 56 -856
(c) Applicable Section X	I Code Case(s)	None					-			
6. Identification of Cor	nponents									
Name of	Name of	Manufact	turer (National		Other	Year	Co	rrected,	ASME
Component M	anufacturer	Serial Nu	mber]	Board No.	lden	tification	Built	Re	moved,	Code Stemped
	1								t t dens tracell	(Yes / No)
2LP-69	Crane	Unkno	wn	n/a		n/a	unk	C	mecied	YES
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1		1		ł						
7. Description of Wo	rk	<u></u>		L	<u></u>			<u> </u>		<u> </u>
2 bonnet nuts were ci	hanged as 2 w	ere lost du	uring va	lve work. No de	eviatio	ns, like for l	like chan	ges.		
			<u> </u>				فاستعبدهم والأ	-		
8. Test Conducted										
8. Test Conducted Hydrostatic	e 🗌 Pacuma	itle 🔲 N	lominal	Operating Pressure	• 🛛	Exempt [Other			

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Inspector's Signature

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Date

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		Wark Order Numb	er Sheet
	•	1963989-	01 2 of 2
. Remarks (Applicable Manuf	scturer's Data Reports to be attached)	·····	
······································			•
Replaced (2), 3/4", 10 UNC-	2B, SS, SA194 GR 8 bonnet nuts, UTC i	1: 1976439, Cat ld 131717	
9			
· · · · · · · · · · · · · · · · · · ·	** <u>***_</u> ** *************************	······································	
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	· CERTIFICATE OF CO	APLIANCE	1
I certify that the statemer	is made in the report are correct and	i that this conforms to the	requirements of the
SME Code, Section XI.			•
Type Code Symbol Stamp		Not Applicable	
Certificate of Authorization N	umber Not Applicable	Expiration Date	Not Applicable
	I come and	Data	11/8/2011
Signed Ych. Tun	26. Mar. 3100		110/2011

Commissions NB 8447 NC1164 ABATE IS National Board, State, Province, and Endorsements

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					l	Work Order Nut	1961		Sheet	
					1	01983	3659		10	f 2
1. Owner		[:	2. Pla	Int					Unit	
Duke Ene	rgy Carolinas. LL	c I		Oconce Nu	cle	ar Station			10	NS - 2
526 South	Church Street	-		7800 Roch	este	er Hwy			Date	<u>من معالم الم</u> انية
Charlotte,	NC 28201-1006			Seneca, SC	: 2	9672			7/11	/2011
3. Work Performed	1 by					Type Code Symi	Not An	plicah	nte	<u></u>
Duke Ene	rgy Carolinas, LL	c				Authorization Nu	unber Not Ar	mlicah	de	<u></u>
Charlotte,	, NC 28201-1006	i				Expiration Date	Not A+)plicah		
4. Identification of	System, ASME CL	288 stor Building	, 11	mgen Purge Sur	ununi Ster	n. ASME Class	2			
5	153/i 		,yu) نیمب ر مراجع		_			
 (a) Applicable Cons (b) Applicable Edition (c) Applicable Section 	struction Code: on Section XI Utilize on XI Code Case(e)	USAS B3 Id For R/R Ac)None	1.7 tivity	19 <u>69</u> 19 <u>98</u>	Ed Edi	ition, <u>No</u> Ition, <u>2000</u>	_ Addend	ta, 1a.	<u>No</u>	Code Case
6. Identification of	Components						و بروه می و و و			
Name of Component	Name of Manufacturer	Manufactu Serial Num	irer iber	National Board No.		Other Identification	Year Built	Cor Rer or h	rected, moved, nstalled	ASME Code Stamped (Yes / No)
2PR-141	Anchor Darling	EZ797-1-	-3	1968		UTC-1016365	1997	ln	stalled	YES
Piping	DEC	None		None	Γ	None	2011	In	stailed	NO
2-67-440A-H5657	DEC	None		None		None	2011	In	stailed	NO
2-67-440A-H5658	DEC	None		None		None	2011	ln:	stalled	NO
		[┞				<u> </u>	<u> </u>
	 	·	<u> </u>		┞		 	[_
	 				┞	<u></u>	 			_
					L		 	_		<u> </u>
7. Description of Work EC106147, Provide vent path from containment to atmosphere										
8. Test Conducted Hydrostatic Pacumatic Nominal Operating Pressure Exempt Other Pressure 66 PSI Test Temperature Ambient °F										

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	Work Order Number	Sheet			
	01983659	2 of 2			
9. Remarks (Applicable Manufacturer's Data Reports to be attached)					
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 Applicable						
Certificate of Authorization Number <u>Not Applicable</u>	Expiration Date Not Applicable					
Signed <u>Rick Burgers</u> Rick Burgess, Sr. Technical Specialist Owner or Owner's Designee, Title	Date 7/11/2011					

CERTIFICATE OF INSERVICE INSPECTION					
I, the undersigned, holding a valid commission issued by the National Bo	oard of Boiler and Pressure Vessel				
Inspectors and the State or Province of <u>South CAPOLINA</u> and	employed by HSB CT				
of Hartford, Connecticut,	have inspected the components descri	bed			
in this Owner's Report during the period 5/26/11 to	///Z//7 , and state	that			
to the best of my knowledge and belief, the Owner has performed exa	aminations and taken corrective meas	ures			
described in this Owner's Report in accordance with the requirements of the	e ASME Code, Section XI.				
By signing this celulicate neither the inspector nor his employer m	nakes any warranty, expressed or imp	lied,			
concerning the examinations and convective measures described in this	Owner's Report. Furthermore, neithe	r the			
Inspector nor his/employer-shaft be/lifable/in any manner for any personal	I injury or property damage or a loss of	any			
kind arising from or conflected with this inspection.	_	-			
Commissions 1304	4B.ZOLANTIS				
Inspector Signature Nat	tional-Board, State. Province, and Undorsements				
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					1	Work Order Num	tber		Sheet	
						2009	992		10	f 2
1. Owner			2. Pt	ent					Unit	
Duke Ene	ergy Carolinas, LL	c		Oconee Nuclear Station			01	is - 2		
526 South	h Church Street			7800 Rochester Hwy Dat			Date			
Charlotte	, NC 28201-1006			Seneca, SC	2	9672			12/1	5/2011
3. Work Performe	d by			وبي عد		Type Code Syml	ol Stamp		1-	
Duke En	Duke Energy Carolinas, LLC						NOT A	plicat		
526 Sout	h Church Street						Not Aj	plicab	le	
Charlotte	NC 28201-1006	5				Expiration Date	Not Ar	mlicab	le	
4. Identification of	System, ASME C	858				<u></u>				
		Steam	Gene	rator Prush, ASP	ME	Class Z				
a) Applicable Con	struction Cade:	USAS B	31.1	19 67	Edi	tion, No	Addena	ia. /	No (ode Case
(b) Applicable Editi	on Section XI Utilize	d For R/R A	ctivity	19 98	Edi	tion, 2000	Addent	ta.		
(c) Applicable Sect	ion XI Code Case(s) <u>None</u>						_		
6. Identification of	Components							. .		
Name of Component	Name of Manufacturer	Manufact Serial Nur	urer nber	National Board No.		Other dentification	Year Built	Cor	rected, novad.	ASME Code
								ort	stalled	Stamped
								L	<u> </u>	(145/ 140)
2-04A-0-1478A- NPS-H8	DECo	N/A		N/A	ł.	See Remarks	1973	Con	rected	NO
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7 Deservation of	l Work									
7. Unscription of	work	m A								
nistanet int and i	uRurened bibe cia	mh								
8. Test Conducto	be									
Hydros	tatic Pasuma	tie No	minal (Operating Pressure		Exempt	Other _			
Pressure PS1 Test Temperature %										

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	Work Order Number	Sheet			
	2009992	2 of 2			
9. Remarks (Applicable Manufacturer's Data Reports to be attached)					
O 3/4" heavy hex nut on spacer bolt, UTC 1971749					
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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	No	Applicable				
Certificate of Authorization Number	Not Applicable	Expiration Date	Not Applicable			
Signed Owner or Owner's Designe	Enginant II.	Date 12-15-11				

CERTIFICATE OF INSERVICE INS	PECTION
I, the undersigned, holding a valid commission issued by the Nation Inspectors and the State or Province of <u>Mathematical Condense</u> of <u>Hartford, Connecticut</u> in this Owner's Report during the partod <u>11/24/12</u> to the best of my knowledge and belief, the Owner has performed described in this Owner's Report in accordance with the requirements of By signing this certificate neither the Inspector nor his employ	al Board of Boiler and Pressure Vessel and employed by <u>HSB CT</u> have inspected the components described to <u>II/24/12</u> , and state that d examinations and taken corrective measures of the ASME Code, Section XI. er makes any warranty, expressed or implied,
concerning the examinations and corrective measures described in inspector nor his employer shall be liable in any manner for any pers kind arising from or connected with this inspection.	this Owner's Report. Furthermore, neither the conal injury or property damage or a loss of any
Noney Retitio Strighter Commissions M.	88447 AC1169 BBNZZS National Board, State, Province, and Endorsements
Date	

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6.0 <u>Pressure Testing</u>

This section contains a pressure test completion status for the examinations required during refueling outage 2EOC26 and the examinations required during the third period of the fourth ten-year interval. There was no through-wall leakage observed during any of these pressure tests.

Table 6-1 shows a completion status of pressure test zones conducted during the third period of the fourth ten-year interval. There are eleven Class 2 Zones remaining to be examined prior to the end of the interval which is July 15, 2014.

	Table 6-1						
Examination Category	Test Requirement	Total Examinations Required For This Period	Total Examinations Credited For This Period	Total Examinations Remaining			
B-P	System Leakage Test (IWB-5220)	10	10	Q			
С-Н	System Leakage Test (IWC-5220)	51	40	11			

•

The Class 1 (Category B-P) leakage test is required each refueling outage. Table 6-2 shows the completion status of the Class 1 (Category B-P) leakage test zones conducted during EOC26.

Table 6-2 Detailed Class 1 Listing						
Zone Number	Boundary Dwg.	EOC26 Completion Status	EOC26 VT-2 Examination Date	Code Case(s) Used		
OZ2L-1A	O-ISIL4-100A-2.1 O-ISIL4-100A-2.2 O-ISIL4-100A-2.3 O-ISIL4-101A-2.1 O-ISIL4-101A-2.4 O-ISIL4-101A-2.5 O-ISIL4-102A-2.1 O-ISIL4-102A-2.3 O-ISIL4-110A-2.1 O-ISIL4-110A-2.4	Complete	12/4/13	N-566-2		
OZ2L-1AA	O-ISIL4-101A-2.4	Complete	12/4/13	N-566-2		
OZ2L-1V	O-ISIL4-100A-2.2	Complete	12/4/13	N-566-2		
OZ2L-1Z	O-ISIL4-101A-2.4	Complete	12/4/13	N-566-2		
OZ2L-16	O-ISIL4-101A-2.4	Complete	12/4/13	N-566-2		

Table 6-3 shows the completion status of the Class 2 (Category C-H) leakage tests zones required for the 3rd Inspection Period which ends 07/15/2014.

Table 6-3 Detailed Class 2 Listing							
	Zone Number	Boundary Dwg.	Completion Status	VT-2 Examination Date	Code Case(s) Used		
1	IZ2L-10	O-ISIL4-101A-2.3	Complete	10/21/11	N-566-2		
2	IZ2L-11	O-ISIL4-101A-2.3	Complete	10/21/11	N/A		
3	IZ2L-12	O-ISIL4-101A-2.3	Not Yet Tested	N/A	N/A		
]		O-ISIL4-101A-2.4					
4	IZ2L-13	O-ISIL4-101A-2.3	Complete	2/03/14	N-566-2		
5	IZ2L-14A	O-ISIL4-101A-2.3	Complete	10/22/11	N/A		
6	1Z2L-14B	O-ISIL4-101A-2.3	Complete	10/22/11	N/A		
7	IZ2L-20	O-ISIL4-101A-2.3	Complete	1/27/14	N/A		

EOC 26 Refueling Outage Report Oconee Unit 2 Section 6 Page 2 of 6 Revision 0 February 20, 2014

				VT-2	Code
	Zone Number	Boundary Dwg.	Completion Status	Examination Date	Case(s) Used
8	1701 00	O-ISIL4-101A-2.3			
	1226-22	O-ISIL4-102A-2.1	Not yet lested	N/A	N/A
		U-151L4-102A-2.2			
		O-ISIL4-104A-1.2			
		O-ISIL4-106A-2.2			
9	IZ2L-24	O-ISIL4-102A-2.1	Not Yet Tested	N/A	N/A
		O-ISIL4-102A-2.2			
10	IZ2L-25	O-ISIL4-102A-2.1	Not Yet Tested	N/A	N/A
		O-ISIL4-103A-2.1			
11	IZ2L-27A	O-ISIL4-102A-2.1	. Complete	11/14/11	N-566-2
		O-ISIL4-102A-2.2			
12	IZ2L-27B	O-ISIL4-102A-2.2	Complete	11/14/11	N-566-2
13	IZ2L-4	O-ISIL4-101A-2.1	Complete	2/03/14	N/A
14	IZ2L-41	O-ISIL4-109A-1.1	Incomplete	4/30/13	N-566-2
15	IZ2L-48	O-ISIL4-122A-2.1	Not Yet Tested	N/A	N/A
		O-ISIL4-122A-2.2			
		O-ISIL4-122A-2.3			
		O-ISIL4-122B-2.1			
		O-ISIL4-122A-2.4			, ,
16	1Z2L-5	O-ISIL4-101A-2.1	Complete	2/06/14	N/A
		O-ISIL4-101A-2.3			

				VT-2	Code
	Zone Number	Boundary Dwg	Completion	Examination Date	Case(s)
4-7		O-ISIL4-124A-1.1		Duto	0000
17	IZ2L-60	0-1511 4-1244-2 3	Incomplete	2/21/13	N-566-2
		0-13124-12-12-2.3			
		O-ISIL4-124B-2.1			
		O-ISIL4-1248-2.2			
		O-ISIL4-124B-2.4			
		O-ISIL4-124C-2.2			
		O-ISIL4-131A-2.2			
18	OZ2L-14B	O-ISIL4-101A-2.4	Complete	10/22/11	N/A
19	OZ2L-15	O-ISIL4-101A-2.4	Complete	11/16/11	N/A
20	OZ2L-16	O-ISIL4-101A-2.4	Complete	11/15/11	<u>N/A</u>
21	OZ2L-17	O-ISIL4-101A-2.2	Complete	11/15/11	N/A
22	OZ2L-17B	O-ISIL4-101A-2.2	Complete	11/11/11	N/A
23	OZ2L-18	O-ISIL4-101A-2.2	Incomplete	11/28/11	<u>N/A</u>
24	OZ2L-19A	O-ISIL4-104A-1.1	Complete	11/16/13	N/A
		O-ISIL4-101A-2.5			
25	OZ2L-19B	O-ISIL4-101A-2.5	Complete	11/07/11	N/A
26	OZ2L-19C	O-ISIL4-101A-2.5	Complete	12/02/13	N/A
27	OZ2L-1A	O-ISIL4-101A-2.1	Complete	12/16/11	N/A
		O-ISIL4-101A-2.5			
28	OZ2L-2	O-ISIL4-101A-2.1	Complete	11/16/11	N/A
		O-ISIL4-101A-2.4			
		O-ISIL4-101A-2.5			
29	OZ2L-21	O-ISIL4-102A-2.1	Complete	11/14/11	N-566-2
		O-ISIL4-102A-2.2			
		O-ISIL4-104A-1.2			

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	Zone Number	Boundary Dwg.	Completion Status	VT-2 Examination Date	Code Case(s) Used
30	OZ2L-23	O-ISIL4-101A-2.2	Complete	11/14/11	N-566-2
		O-ISIL4-102A-2.1			
		O-ISIL4-102A-2.2			
31	OZ2L-26	O-ISIL4-102A-2.2	Complete	11/14/11	N-566-2
32	OZ2L-28	O-ISIL4-102A-2.2	Complete	12/02/13	N-566-2
33	OZ2L-29	O-ISIL4-102A-2.2	Complete	11/14/11	N-566-2
34	OZ2L-29A	O-ISIL4-102A-2.2	Complete	11/14/11	N-566-2
		O-ISIL4-102A-2.3			
35	OZ2L-3	O-ISIL4-101A-2.1	Complete	11/16/11	N/A
36	OZ2L-30	O-ISIL4-102A-2.2	Complete	11/14/11	N-566-2
37	OZ2L-30A	O-ISIL4-102A-2.2	Complete	11/14/11	N-566-2
		O-ISIL4-102A-2.3			
38	OZ2L-31A	O-ISIL4-102A-2.3	Complete	12/04/13	N-566-2
39	OZ2L-31B	O-ISIL4-102A-2.3	Complete	12/04/13	N-566-2
40	OZ2L-31C	O-ISIL4-102A-2.3	Complete	11/14/11	N/A
41	OZ2L-39	O-ISIL4-104A-1.1	Complete	10/17/13	N-566-2
42	OZ2L-42A	O-ISIL4-110A-2.1	Complete	12/04/13	N/A
43	OZ2L-42B	O-ISIL4-110A-2.1	Complete	12/04/13	N/A
44	OZ2L-44	O-ISIL4-110A-2.1	Complete	12/04/13	N-566-2
		O-ISIL4-121B-2.3			
		O-ISIL4-121B-2.5			
		O-ISIL4-121D-1.2 O-ISIL4-121D-2.1			
		O-ISIL4-122A-2.1 O-ISIL4-133A-2.5			

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	Zone		Completion	VT-2 Examination	Code Case(s)
	Number	Boundary Dwg.	Status	Date	Used
45		O-ISIL4-101A-2.1			
	OZ2L-6	O-ISIL4-101A-2.2	Complete	11/22/13	N-566-2
		O-ISIL4-109A-1.1			
		O-ISIL4-110A-2.1			<u></u>
46	OZ2L-6B	O-ISIL4-101A-2.2	Complete	11/22/13	N-566-2
47	OZ2L-64	O-ISIL4-124B-2.2	Incomplete	11/28/11	N/A
48	OZ2L-65	O-ISIL4-124B-2.4	Incomplete	11/28/11	N/A
49	OZ2L-7	O-ISIL4-101A-2.2	Complete	11/14/11	N/A
		O-1SIL4-101A-2.3			
50	OZ2L-7B	O-ISIL4-101A-2.3	Complete	11/14/11	N/A
		O-ISIL4-102A-2.1			
		O-ISIL4-102A-2.2			
51	OZ2L-9	O-ISIL4-101A-2.3	Incomplete	11/01/11	N-566-2
		O-ISIL4-102A-2.1			
		O-ISIL4-102A-2.2			

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