Duke Power®
A Duke Energy Company

R. A. JONES
Vice President

Duke Power
29672 / Oconee Nuclear Site
7800 Rochester Highway
Seneca, SC 29672

864 885 3158
864 885 3564 fax

June 17, 2003

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

Subject: Duke Energy Company
Oconee Nuclear Station, Unit 2
Docket No. 50-270
Unit 2 EOC 19 Refueling Outage
Inservice Inspection Report
Third Ten-Year Inservice Inspection Interval

Attached is the Inservice Inspection Report for the Oconee Unit 2 End of Cycle 19 Refueling Outage. This report is submitted pursuant to Section XI of the ASME Boiler and Pressure Vessel Code, 1989 Edition, with no addenda, Article IWA 6230.

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

Very truly yours,

R. A Jones,
Site Vice-President
Oconee Nuclear Station

Attachment

A047

xc wo/attachment: Mr. Luis A. Reyes
Administrator, Region II
U.S. Nuclear Regulatory Commission
61 Forsyth Street, S. W., Suite 23T85
Atlanta, GA 30303

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

M. C. Shannon
Senior NRC Resident Inspector
Oconee Nuclear Station

INSERVICE INSPECTION REPORT

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
UNIT 2
NINETEENTH REFUELING OUTAGE

Duke Power SM

A Duke Energy Company

Owner's Report
For
INSERVICE INSPECTIONS

OCONEE UNIT 2
2002 REFUELING OUTAGE
EOC19 (OUTAGE 5)

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

NRC Docket No. 50-270

Commercial Service Date: September 9, 1974

Document Completion Date 6-11-2003

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

Revision 0

Prepared By: Larry C. Keith Date 6-11-2003

Reviewed By: Gary Underwood Date 6-11-2003

Approved By: R. Kevin Rhyne Date 6-11-2003

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Energy Corporation, 526 S. Church St.. Charlotte, NC 28201-1006
(Name and Address of Owner)

2. Plant: Oconee Nuclear Station, 7800 Rochester Highway, Seneca, SC 29672
(Name and Address of Plant)

3. Plant Unit: 2 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date: September 9, 1974 6. National Board Number for Unit N/A

7. Components Inspected:

Component or Appurtenance	Manufacturer Installer	Manufacturer Installer Serial No.	State or Province No.	National Board No.
		See Section 1.1 in the Attached Report		

Note: Supplemental sheets in 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 228 .

FORM NIS-1 (Back)

8. Examination Dates May 30, 2001 to November 23, 2002

9. Inspection Period Identification: Third Period

10. Inspection Interval Identification: Third Interval

11. Applicable Edition of Section XI 1989 Addenda None

12. Date/Revision of Inspection Plan: November 20, 2001 / Revision 6

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Sections 2.0, 3.0 and 6.0

14. Abstract of Results of Examination and Tests. See Sections 4.0 and 6.0

15. Abstract of Corrective Measures. See Subsection 4.3

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) NA Expiration Date NA

Date 6-11-2003 Signed Duke Energy Corp. By L. Kevin Rhyne
Owner

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 Georgia employed by *The HSBI&I Co. of Connecticut have inspected the components described in this Owner's Report during the period May 30-2001 to June 11, 2003, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

C.M. [illegible] Commissions GA 360, NI C
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-11-2003

* The Hartford Steam Boiler Inspection & Insurance Company of Connecticut.
200 Ashford Center North
Suite 300
Atlanta, GA. 30338-4860
(800) 417-3721
www.hsbc.com

DISTRIBUTION LIST

1. Duke Energy Corporation
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3. NRC Document Control Desk

4. Hartford Steam Boiler Inspection
   and Insurance Company of Connecticut (AIA)
   c/o ANII at Oconee

5. Nuclear GO
   Regulatory & Industrial Affairs
   c/o Laura Burba

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6.	Pressure Testing	0

1.0 General Information

This report describes the Inservice Inspection of Duke Energy Corporation's Oconee Nuclear Station, Unit 2, during Outage 5/EOC 19. This is the first outage in the third inspection period of the Third Ten-Year Interval. ASME Section XI, 1989 Edition with no Addenda, was the governing Code for selection and performing of the ISI examinations.

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

1.1 Identification Numbers

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Babcock & Wilcox	620-0004-51-52	N/A	N-105
Steam Generator A	Babcock & Wilcox	620-0004-55	N/A	N-107
Steam Generator B	Babcock & Wilcox	620-0004-55	N/A	N-108
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
Vents and Exhaust System	Duke Power	NA	NA	NA
Condenser Circulating Water	Duke Power	NA	NA	NA

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

1.2 *Personnel, Equipment and Material Certifications*

All personnel who performed or evaluated the results of inservice inspections during the time frame bracketed by the examination dates shown on the NIS-1 Form were certified in accordance with the requirements of 1989 Edition of ASME Section XI with no addenda including Appendix VII for ultrasonic inspections. In addition, ultrasonic examiners were qualified in accordance with ASME Section XI, Appendix VIII, and 1995 Edition with the 1996 Addenda through the Performance Demonstration Initiative (PDI) for similar metal piping welds and reactor vessel shell welds.

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

The certification records for Framatome ANP inspectors and calibration records of Framatome inspection equipment are on file at the Framatome ANP Office 155 Mill Ridge Road, Lynchburg, Va.

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 Energy's Corporate Office in Charlotte, North Carolina.

Duke Power Company Problem Investigation Process Report # O-02-04913 (F01.020.028)

Duke Power Company Problem Investigation Process Report # O-03-00458 This PIP documents NIS-2 forms that are not being submitted with this report.

Duke Energy Request for Relief 01-01 (Limited welds found during EOC 19)

Duke Energy Request for Relief 03-002 (Limited welds found during EOC 19)

Duke Energy Request for Relief 03-003 (Limited welds found during EOC 19)

1.4 Responsible Inspection Agency

The Hartford Steam Boiler Inspection and Insurance Company of Connecticut is responsible for the third party inspections required by ASME Section XI.

Authorized Nuclear Inservice Inspector(s)

Name:	Clayton T. Smith, Gary Brouette, Mark Grace, Jim Longenberger and William Huber.
Employer:	The Hartford Steam Boiler Inspection & Insurance Company of Connecticut.
Business Address:	200 Ashford Center North Suite 300 Atlanta, GA 30338-4860 (800) 417-3721 www.hsbct.com

2.0 *Third Ten Year Interval Inspection Status*

The completion status of inspections required by the 1989 ASME Code Section XI, no 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, and in Table IWC-2500-1 for Class 2 Inspections, and IWF-2500-1 (Code Case N-491 applies) for Class 1 and 2 Component Supports. Augmented inspections are also included.

Class 1 Inspections

Examination Category	*Description*	*Inspections Required*	*Inspections Completed*	*Percentage Completed*	[1]*Deferral Allowed*
B-A	Pressure Retaining Welds in Reactor Vessel	8 Welds	8 Welds	100%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessel	10 Welds	6 Welds	60%	No
B-D	Full Penetration Welds of Nozzles in Vessels Inspection Program B	30 Inspections	28 Inspections	93%	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	REFERENCE SECTION 6.0 OF THIS REPORT			
B-F	Pressure Retaining Dissimilar Metal Welds	32 Welds	30 Welds	94%	No
B-G-1	Pressure Retaining Bolting Greater than 2 Inches in Diameter	130 Items	127 Items	98%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	22 Items	19 Items	86%	No
B-H	Integral Attachments for Vessels	N/A	N/A	N/A	N/A
B-J	Pressure Retaining Welds in Piping	127 Welds	106 Welds	83%	No

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

Class 1 Inspections (Continued)

Examination Category	*Description*	*Inspections Required*	*Inspections Completed*	*Percentage Completed*	*[5] Deferral Allowed*
B-K-1	Integral Attachments for Piping, Pumps and Valves	N/A	N/A	N/A	N/A
B-L-1	Pressure Retaining Welds in Pump Casings	1 Weld	1 Weld	100%	Yes
B-L-2	Pump Casings	1 Casing	1 Casing	100%	Yes
B-M-1	Pressure Retaining Welds in Valve Bodies	N/A	N/A	N/A	N/A
B-M-2	Valve Body	3 Valves	3 Valves	100%	Yes
B-N-1	Interior of Reactor Vessel	3 Inspections	3 Inspections	100%	No
B-N-2	Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels	1 Inspection	1 Inspection	100%	Yes
B-N-3	Removable Core Support Structures	1 Item	1 Items	100%	Yes
B-0	Pressure Retaining Welds in Control Rod Housings	3 Housings	3 Housings	100%	Yes
B-P	All Pressure Retaining Components	REFERENCE SECTION 6.0 OF THIS REPORT			
B-Q	Steam Generator Tubing	N/A	N/A	N/A	N/A
F-A F1.10 & F1.040 items.	Class 1 Component Supports (Except Snubbers)	30 Supports	25 Supports	83%	No
F-A F1.050 items	Class 1 Component Supports, Snubbers	25 Snubbers	25 Snubbers	100%	No

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

Class 2 Inspections

Examination Category	*Description*	*Inspections Required*	*Inspections Completed*	*Percentage Completed*	*[5] Deferral Allowed*
C-A	Pressure Retaining Welds in Pressure Vessels	8 Welds	7 Welds	88%	No
C-B	Pressure Retaining Nozzle Welds in Vessels	4 Welds	4 Welds	100%	No
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	65 Attachments	60 Attachments	92%	No
C-D	Pressure Retaining Bolting Greater Than 2 Inches in Diameter	2 Items	2 Items	100%	No
C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	147 Welds	125 Welds	85%	No
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	55 Welds	43 Welds	78%	No
C-G	Pressure Retaining Welds in Pumps and Valves	1	1	100%	No
C-H	All Pressure Retaining Components	REFERENCE SECTION 6.0 OF THIS REPORT			
F-A F1.020 & F1.040 items.	Class 2 Component Supports (Except Snubbers)	113 Supports	92 Supports	81%	No
F-A F1.050 items	Class 2 Component Supports, Snubbers	45 Snubbers	45 Snubbers	100%	No

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

Augmented Inspections

Item Number	*Description*	*Percentage Complete*
G01.001	Reactor Coolant Pump Flywheel	Not Scheduled
G02.001	HPI Nozzle Safe End Examinations	Not Scheduled
G03.001	Pressurizer Surge Line Examinations	100% of EOC 19 Requirements
G04.001	Thermal Stress Piping (NRC Bulletin 88-08)	100% of EOC 19 Requirements
G06.001	Auxiliary Feedwater Header Water Hammer Examinations (PSC21-82)	Not Scheduled
G07.001	Augmented Examination of Longitudinal Piping Welds With A Nominal Wall Thickness < $^3/_8$" and > Nominal Pipe Size 4"	No longer applicable. Code Case N-524 is being used for the examination of all longitudinal piping welds.
G08.001	Pressurizer Sensing/ Sampling Nozzle Safe Ends	100% of EOC 19 Requirements
G09.001	Class 2 Piping Welds Nominal Pipe Size > 4" With Nominal Wall Thickness< $^3/_8$"	100% of EOC 19 Requirements
G10.001	Class 1 RTE Mounting Bosses	100% of EOC 19 Requirements
G12.001	HPI System Upgrade Piping Welds With A Nominal Wall Thickness ≤ $^1/_5$" on Piping with a Nominal Pipe Size ≥ 2" and Nominal Pipe Size ≤ 4".	100% of EOC 19 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, and Augmented examinations credited for this report period.

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

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

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

Shell Welds

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential ****									
B01.011.001 Class A	2-RPV-WR1A Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle Belt to Shell Forging	CS	170.630 9.500	95001	Reactor Vessel Nozzle Belt Pc. 87 to Shell Forging Pc. 165. Procedure # 54-ISI-800-03
B01.011.002 Class A	2-RPV-WR1 Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Shell Forging to Shell Forging	CS	170.630 9.500	95001	Reactor Vessel Shell Forging Pc. 165 to Shell Forging Pc. 166. Procedure # 54-ISI-800-03
B01.011.003 Class A	2-RPV-WR18 Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Shell Forging to Shell Forging	CS	167.630 12.000	95001	Reactor Vessel Upper Shell Forging Pc. 86 to Upper Shell Forging Pc. 87. Procedure # 54-ISI-800-03
B01.011.004 Class A	2-RPV-WR34 Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Transition Piece to Lower Shell	CS	170.250 5.500	95001	Reactor Vessel Transition Pc.36 to Lower Shell Forging Pc. 166. Procedure # 54-ISI-800-03

Total B01.011 Items: 4

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

Head Welds

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Circumferential ******									
B01.021.003	2-RPV-WR35		ISI-OCN2-001	See Com	UT	CS	143.000	95001	Reactor Vessel Lower Head Pc. 6 to Transition Pc. 36.
	Circumferential	50	OM-1201-454				5.375		
Class A					Transition Piece to Lower Head				Procedure # 54-ISI-800-03

Total B01.021 Items: 1

CATEGORY B-A, Pressure David 2 Retaining Welds in Reactor Vessel

Shell-to-Flange Weld

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B01.030.001	2-RPV-WR19		ISI-OCN2-001	See Com	UT	CS	167.630	95001	Reactor Vessel Upper Shell Forging Pc. 86 to Flange Pc. 7 Inspected from Vessel ID. Procedure # 54-ISI-800-03
	Circumferential	50	OM-1201-454				12.000		
Class A					Shell Forging to Flange				

Total B01.030 Items: 1

Total B01 Items: 6

CATEGORY B-B, Pressure Retaining Welds In Vessels Other Than Reactor Vessels

Steam Generators (Primary Side)

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Tubesheet-to-Head Weld ****									
B02.040.001	2-SGA-WG58-1		ISI-OCN2-003	NDE-970	UT	CS	119.000	40393	Steam Generator 2A Upper Head Pc. 8 to Tubesheet Pc. 51.
	Circumferential	50	OM-1201-450				8.000		
Class A					Head to Tubesheet				Schedule this weld during the 1st period of the 4th interval for surveillance purposes (third & final surveillance). Ref. PIP 2-O-96-0917.

Total B02.040 Items:	1
Total B02 Items:	1

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Reactor Vessel

DUKE ENERGY CORPORATION
INSERVICE INSPECTION PLAN MANAGEMENT
Inservice Inspection Database Management System
Oconee 2
Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle-to-Vessel Welds ****									
B03.090.001 Class A	2-RPV-WR13 Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	60.000 12.000	95001	Reactor Vessel X-Outlet Nozzle Pc. 19 to Upper Shell Pc.86 & 87. UT from Vessel ID. Procedure # 54-ISI-800-03
B03.090.001A Class A	2-RPV-WR13 Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	60.000 12.000	50304	Reactor Vessel X-Outlet Nozzle Pc. 19 to Upper Shell Pc.86 & 87. UT from Nozzle ID. Note: For inspection in outage 1 see Request for Relief ONS-006. Procedure # 54-ISI-106-08
B03.090.002 Class A	2-RPV-WR13A Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	60.000 12.000	95001	Reactor Vessel Z-Outlet Nozzle Pc. 19 to Upper Shell Pc. 86 & Pc. 87. UT from Vessel ID. Procedure # 54-ISI-800-03
B03.090.002A Class A	2-RPV-WR13A Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	60.000 12.000	50304	Reactor Vessel Y-Outlet Nozzle Pc. 19 to Upper Shell Pc. 86 & Pc. 87. UT from Nozzle ID.Note: For inspection in outage 1, see Request for Relief ONS-006. Procedure # 54-ISI-106-08
B03.090.003 Class A	2-RPV-WR12 Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	48.000 12.000	95001	Reactor Vessel W-X Inlet Nozzle Pc. 18 to Upper Shell Pc. 86 & Pc. 87. UT from Vessel ID. Procedure # 54-ISI-800-03
B03.090.003A Class A	2-RPV-WR12 Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	48.000 12.000	40390	Reactor Vessel W-X Inlet Nozzle Pc. 18 to Upper Shell Pc. 86 & Pc. 87. UT from Nozzle ID. Procedure # 54-ISI-106-08
B03.090.004 Class A	2-RPV-WR12A Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	48.000 12.000	95001	Reactor Vessel X-Y Inlet Nozzle Pc. 18 to Upper Shell Pc. 86 & Pc. 87. UT from Vessel ID. Procedure # 54-ISI-800-03
B03.090.004A Class A	2-RPV-WR12A Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Shell	CS	48.000 12.000	40390	Reactor Vessel W-X Inlet Nozzle Pc. 18 to Upper Shell Pc. 86 & Pc. 87. UT from Nozzle ID. Procedure # 54-ISI-106-08

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Reactor Vessel

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B03.090.005 Class A	2-RPV-WR12B Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	48.000 12.000	95001	Reactor Vessel Y-Z Inlet Nozzle Pc. 18 to Upper Shell Pc. 86 & Pc. 87. UT from Vessel ID. Procedure # 54-ISI-800-03
B03.090.005A Class A	2-RPV-WR12B Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Shell	CS	48.000 12.000	40390	Reactor Vessel Y-Z Inlet Nozzle Pc. 18 to Upper Shell Pc. 86 & Pc. 87. UT from Nozzle ID. Procedure # 54-ISI-106-08
B03.090.006 Class A	2-RPV-WR12C Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	48.000 12.000	95001	Reactor Vessel Z-W Inlet Nozzle Pc. 18 to Upper Shell Pc. 86 & Pc. 87. UT from Vessel ID. Procedure # 54-ISI-800-03
B03.090.006A Class A	2-RPV-WR12C Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	48.000 12.000	40390	Reactor Vessel Z-W Inlet Nozzle Pc. 18 to Upper Shell Pc. 86 & Pc. 87. UT from Nozzle ID. Procedure # 54-ISI-106-08
B03.090.007 Class A	2-RPV-WR54 Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	25.000 12.000	95001	Reactor Vessel Core Flood Nozzle W-Axis Pc. 17 to Upper Shell Pc. 86. UT from Vessel ID. Procedure # 54-ISI-800-03 The Core Flood nozzle to shell welds are only examined from the vessel id. The flow restrictors in the nozzle bore do not allow access/examination from the nozzle id.
B03.090.008 Class A	2-RPV-WR54A Circumferential	50	ISI-OCN2-001 OM-1201-454	See Com	UT Nozzle to Upper Shell Forging	CS	25.000 12.000	95001	Reactor Vessel Core Flood Nozzle Y-Axis Pc. 17 to Upper Shell Pc. 86. UT from Vessel ID. Procedure # 54-ISI-800-03 The Core Flood nozzle to shell welds are only examined from the vessel id. The flow restrictors in the nozzle bore do not allow access/examination from the nozzle id.

Total B03.090 Items: 14

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Reactor Vessel

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle Inside Radius Section ****									
B03.100.001	2-RPV-WR13	50	ISI-OCN2-001 OM-1201-454	See Com	UT	CS	60.000 12.000	95001	Reactor Vessel X-Outlet Nozzle Pc. 19. UT from Nozzle ID. (Inside Radius Section)Note: For inspection in outage 1, see Request for Relief ONS-006. Procedure # 54-ISI-106-08
Class A					Nozzle to Upper Shell Forging				
B03.100.002	2-RPV-WR13A	50	ISI-OCN2-001 OM-1201-454	See Com	UT	CS	60.000 12.000	95001	Reactor Vessel Z-Outlet Nozzle Pc. 19. UT from Nozzle ID. (Inside Radius Section)Note: For inspection in outage 1, see Request for Relief ONS-006. Procedure # 54-ISI-106-08
Class A					Nozzle to Upper Shell Forging				
B03.100.003	2-RPV-WR12	50	ISI-OCN2-001 OM-1201-454	See Com	UT	CS	48.000 12.000	95001	Reactor Vessel W-X Inlet Nozzle Pc. 18. UT from Nozzle ID. (Inside Radius Section) Procedure # 54-ISI-106-08
Class A					Nozzle to Upper Shell Forging				
B03.100.004	2-RPV-WR12A	50	ISI-OCN2-001 OM-1201-454	See Com	UT	CS	48.000 12.000	95001	Reactor Vessel X-Y Inlet Nozzle Pc. 18. UT from Nozzle ID. (Inside Radius Section) Procedure # 54-ISI-106-08
Class A					Nozzle to Upper Shell Forging				
B03.100.005	2-RPV-WR12B	50	ISI-OCN2-001 OM-1201-454	See Com	UT	CS	48.000 12.000	95001	Reactor Vessel Y-Z Inlet Nozzle Pc. 18. UT from Nozzle ID. (Inside Radius Section) Procedure # 54-ISI-106-08
Class A					Nozzle to Upper Shell Forging				
B03.100.006	2-RPV-WR12C	50	ISI-OCN2-001 OM-1201-454	See Com	UT	CS	48.000 12.000	95001	Reactor Vessel Z-W Inlet Nozzle Pc. 18. UT from Nozzle ID. (Inside Radius Section) Procedure # 54-ISI-106-08
Class A					Nozzle to Upper Shell Forging				
B03.100.007	2-RPV-WR54	50	ISI-OCN2-001 OM-1201-454	See Com	UT	CS	25.000 12.000	95001	Reactor Vessel Core Flood Nozzle W-Axis Pc. 17. UT from Nozzle ID. (Inside Radius Section) Procedure # 54-ISI-106-08
Class A					Nozzle to Upper Shell Forging				
B03.100.008	2-RPV-WR54A	50	ISI-OCN2-001 OM-1201-454	See Com	UT	CS	25.000 12.000	95001	Reactor Vessel Core Flood Nozzle Y-Axis Pc. 17. UT from Nozzle ID. (Inside Radius Section) Procedure # 54-ISI-106-08
Class A					Nozzle to Upper Shell Forging				

Total B03.100 Items: 8

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

DUKE ENERGY CORPORATION
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Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle-to-Vessel Welds ****									
B03.110.009	2-PZR-WP26-1		ISI-OCN2-002	NDE-640	UT	CS	5.750	40338	Pressurizer Sensing Nozzle Pc.30 to Shell Pc. 04
	Circumferential	50	OM-1201-456	NDE-820			6.187		Between W & X Axis.
Class A			B&W149771E		Nozzle to Shell				
B03.110.010	2-PZR-WP26-2		ISI-OCN2-002	NDE-640	UT	CS	5.750	40338	Pressurizer Sensing Nozzle Pc.30 to Shell Pc. 04
	Circumferential	50	OM-1201-456	NDE-820			6.187		Between Y & Z Axis.
Class A			B&W149771E		Nozzle to Shell				
B03.110.011	2-PZR-WP26-3		ISI-OCN2-002	NDE-640	UT	CS	5.750	40338	Pressurizer Sensing Nozzle Pc.30 to Shell Pc. 04
	Circumferential	50	OM-1201-456	NDE-820			6.187		(47 Degrees off W- Axis).
Class A			B&W149771E		Nozzle to Shell				
B03.110.012	2-PZR-WP26-7		ISI-OCN2-002	NDE-640	UT	CS	5.750	40338	Pressurizer Sampling Nozzle Pc.30 to Shell Pc. 04
	Circumferential	50	OM-1201-456	NDE-820			6.187		(40 Degrees off W-Axis).
Class A					Nozzle to Shell				

Total B03.110 Items: 4

CATEGORY B-D, Full Penetration Welds of Nozzles in Vessels

Pressurizer

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle Inside Radius Section ****									
B03.120.009	2-PZR-WP26-1	50	ISI-OCN2-002 OM-1201-456	NDE-680	UT	CS	5.750 2.531	40338	Pressurizer Sensing Nozzle Pc. 30 Between W & X Axis (Inside Radius Section).
Class A			B&W149771E		Nozzle to Shell				
B03.120.010	2-PZR-WP26-2	50	ISI-OCN2-002 OM-1201-456	NDE-680	UT	CS	5.750 2.531	40338	Pressurizer Sensing Nozzle Pc. 30 Between Y & Z Axis (Inside Radius Section).
Class A			B&W149771E		Nozzle to Shell				
B03.120.011	2-PZR-WP26-3	50	ISI-OCN2-002 OM-1201-456	NDE-680	UT	CS	5.750 2.531	40338	Pressurizer Sensing Nozzle Pc. 30. 47 Degrees off W - Axis. (Inside Radius Section)
Class A			B&W149771E		Nozzle to Shell				
B03.120.012	2-PZR-WP26-7	50	ISI-OCN2-002 OM-1201-456	NDE-680	UT	CS	5.750 2.531	40338	Pressurizer Sampling Nozzle Pc. 30. 40 Degrees off W- Axis (Inside Radius Section).
Class A			B&W149771E		Nozzle to Shell				

Total B03.120 Items: 4

Total B03 Items: 30

CATEGORY B-F, Pressure Retaining Dissimilar Metal Welds

Reactor Vessel

DUKE ENERGY CORPORATION
INSERVICE INSPECTION PLAN MANAGEMENT
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** NPS 4 or larger; Nozzle-to-Safe End Butt Welds ******									
B05.010.001	2-RPV-WR53		ISI-OCN2-001	NDE-35	PT	SS-CS	15.625		A-Side Core Flood Nozzle Safe-End Pc. 89 to Nozzle Pc. 17 (W-Axis). The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-001. Inspection in outage 1 is for 2nd interval requirements(See RFR 93-08).
	Circumferential	50	OM-1201-1528				1.688		
Class A	Term end				Nozzle to Safe-End				
	Dissimilar								
B05.010.001A	2-RPV-WR53		ISI-OCN2-001	See Com	UT	SS-CS	15.625	40388	A-Side Core Flood Nozzle Safe-End Pc. 89 to Nozzle Pc. 17 (W-Axis). UT from Nozzle Side. Procedure # 54-ISI-106-08
	Circumferential	50	OM-1201-1528				1.688		
Class A	Term end				Nozzle to Safe-End				
	Dissimilar								
B05.010.001B	2-RPV-WR53		ISI-OCN2-001	See Com	UT	SS-CS	15.625	40389	A-Side Core Flood Nozzle Safe-End Pc. 89 to Nozzle Pc. 17 (W-Axis). UT from Safe-End Side. Procedure # 54-ISI-106-08
	Circumferential	50	OM-1201-1528				1.688		
Class A	Term end				Nozzle to Safe-End				
	Dissimilar								
B05.010.002	2-RPV-WR53A		ISI-OCN2-001	NDE-35	PT	SS-CS	15.625		B-Side Core Flood Nozzle Safe-End Pc. 89 to Nozzle Pc. 17 (Y-Axis). The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-001. Inspection in outage 1 is for 2nd interval requirements(See RFR 93-08).
	Circumferential	50	OM-1201-1528				1.688		
Class A	Term end				Nozzle to Safe-End				
	Dissimilar								
B05.010.002A	2-RPV-WR53A		ISI-OCN2-001	See Com	UT	SS-CS	15.625	40388	B-Side Core Flood Nozzle Safe-End Pc. 89 to Nozzle Pc. 17 (Y-Axis). UT from Nozzle Side. Procedure # 54-ISI-106-08
	Circumferential	50	OM-1201-1528				1.688		
Class A	Term end				Nozzle to Safe-End				
	Dissimilar								
B05.010.002B	2-RPV-WR53A		ISI-OCN2-001	See Com	UT	SS-CS	15.625	40389	B-Side Core Flood Nozzle Safe-End Pc. 89 to Nozzle Pc. 17 (Y-Axis). UT from Safe-End Side. Procedure # 54-ISI-106-08
	Circumferential	50	OM-1201-1528				1.688		
Class A	Term end				Nozzle to Safe-End				
	Dissimilar								

Total B05.010 Items: 6

CATEGORY B-F, Pressure Retaining Dissimilar Metal Welds

Pressurizer

DUKE ENERGY CORPORATION
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Oconee 2
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** NPS 4 or Larger; Nozzle-to-Safe End Butt Welds ****									
B05.040.002	2-PZR-WP45		ISI-OCN2-002	NDE-35	PT	SS-CS	4.000		Pressurizer Spray Line Nozzle Safe-End Pc. 45 to Nozzle Pc. 9.
	Circumferential	50	B&W149679E				0.750		
Class A					Nozzle Pc. 9 to Safe-End Pc. 45				
	Dissimilar								
B05.040.002A	2-PZR-WP45		ISI-OCN2-002	NDE-610	UT	CS-Inconel	4.000	40367	Pressurizer Spray Line Nozzle Safe-End Pc. 45 to Nozzle Pc. 9. UT from Nozzle Side.
	Circumferential	50	B&W149679E				0.750		
Class A					Nozzle Pc. 9 to Safe-End Pc. 45				
	Dissimilar								
B05.040.002B	2-PZR-WP45		ISI-OCN2-002	NDE-610	UT	CS-Inconel	4.000	40367	Pressurizer Spray Line Nozzle Safe-End Pc. 45 to Nozzle Pc. 9. UT from Safe-End Side.
	Circumferential	50	B&W149679E				0.750		
Class A					Nozzle Pc. 9 to Safe-End Pc. 45				
	Dissimilar								

Total B05.040 Items: 3

CATEGORY B-F, Pressure Retaining Dissimilar Metal Welds

Piping

DUKE ENERGY CORPORATION
INSERVICE INSPECTION PLAN MANAGEMENT
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** NPS 4 or Larger; Dissimilar Metal Butt Welds ****									
B05.130.002	2-PDA1-2		ISI-OCN2-011	NDE-610	UT	SS-CS	33.500	40350	UT from elbow side.
	Circumferential	50	OM-1201-966				2.330		
Class A					Safe-End (Pc. 49) to				
	Dissimilar				Elbow Pc.53				
B05.130.002A	2-PDA1-2		ISI-OCN2-011	NDE-610	UT	SS-CS	33.500	40397	UT from safe-end side.
	Circumferential	50	OM-1201-966				2.330		
Class A					Safe-End (Pc. 49) to				
	Dissimilar				Elbow Pc.53				
B05.130.002B	2-PDA1-2		ISI-OCN2-011	NDE-35	PT	SS-CS	33.500		
	Circumferential	50	OM-1201-966				2.330		
Class A					Safe-End (Pc. 49) to				
	Dissimilar				Elbow Pc.53				
B05.130.009	2-PIA2-7		ISI-OCN2-008	NDE-610	UT	SS-CS	33.500	40350	UT from pipe side
	Circumferential	50	OM-1201-966				2.330		
Class A					Pipe Pc. 56 to				
					Safe-End (Pc. 55)				
B05.130.009A	2-PIA2-7		ISI-OCN2-008	NDE-610	UT	SS-CS	33.500	40397	UT from the safe-end side.
	Circumferential	50	OM-1201-966				2.330		
Class A					Safe-End (Pc. 55) to				
					Pipe Pc.56				
B05.130.009B	2-PIA2-7		ISI-OCN2-008	NDE-35	PT	SS-CS	33.500		
	Circumferential	50	OM-1201-966				2.330		
Class A					Safe-End (Pc. 55) to				
					Pipe Pc.56				
B05.130.013	2-PSP-1		ISI-OCN2-016	NDE-610	UT	SS-Inconel	4.000	50373	UT from the nozzle side. TERMINAL END
	Circumferential	50	OFD 100A-2.2				0.531		
Class A	Term end / Stress weld				Nozzle Pressurizer Spray to				
	Dissimilar				Pipe Pc. 90				
B05.130.013A	2-PSP-1		ISI-OCN2-016	NDE-610	UT	SS-Inconel	4.000	40406	UT from the pipe side. TERMINAL END
	Circumferential	50	OFD 100A-2.2				0.531		
Class A	Term end / Stress weld				Nozzle Pressurizer Spray to				
	Dissimilar				Pipe Pc. 90				

CATEGORY B-F, Pressure Retaining Dissimilar Metal Welds

Piping

DUKE ENERGY CORPORATION
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Oconee 2

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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B05.130.013B	2-PSP-1		ISI-OCN2-016	NDE-35	PT	SS-Inconel	4.000		TERMINAL END
	Circumferential	50	OFD 100A-2.2				0.531		
Class A	Term end				Nozzle Pressurizer Spray to				
	Dissimilar				Pipe Pc. 90				

Total B05.130 Items: 9

CATEGORY B-F, Pressure Retaining Dissimilar Metal Welds

Piping

DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Less Than NPS 4; Dissimilar Metal Butt Welds ****									
B05.140.009	2-PIA2-11		ISI-OCN2-008	NDE-35	PT	SS-Inconel	3.500		
	Circumferential	50	B&W146823E				0.816		
Class A					Nozzle Pc. 64 to				
	Dissimilar				Safe-End Pc.65				
B05.140.011	2-PIB2-11		ISI-OCN2-010	NDE-35	PT	CS-Inconel	3.500		
	Circumferential	50	B&W146823E				0.816		
Class A					Nozzle Pc. 64 to				
	Dissimilar				Safe-End Pc. 65				
B05.140.012	2-51A-35-15A		2-51A-35 (1)	NDE-35	PT	SS-Inconel	2.500		Pipe that goes to Pump 2B1
	Circumferential	51A	OFD-101A-2.1				0.375		
Class A					Elbow to				
	Dissimilar				Pipe				

Total B05.140 Items: 3

Total B05 Items: 21

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Closure Head Nuts ****									
B06.010.037	2-RPV-26-204-37	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut Pc. 26.
Class A									
B06.010.038	2-RPV-26-204-38	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut Pc. 26.
Class A									
B06.010.039	2-RPV-26-204-39	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut Pc. 26.
Class A									
B06.010.040	2-RPV-26-204-40	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut Pc. 26.
Class A									
B06.010.041	2-RPV-26-204-41	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut Pc. 26.
Class A									
B06.010.042	2-RPV-26-204-42	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut Pc. 26.
Class A									
B06.010.043	2-RPV-26-204-43	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut Pc. 26.
Class A									
B06.010.044	2-RPV-26-204-44	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut Pc. 26.
Class A									

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

DUKE ENERGY CORPORATION
INSERVICE INSPECTION PLAN MANAGEMENT
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Oconee 2
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.045	2-RPV-26-204-45		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.046	2-RPV-26-204-46		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.047	2-RPV-26-204-47		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.048	2-RPV-26-204-63		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.049	2-RPV-26-204-65		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.050	2-RPV-26-204-50		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.051	2-RPV-26-204-51		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.052	2-RPV-26-204-52		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.053	2-RPV-26-204-53		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.054	2-RPV-26-204-54		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.055	2-RPV-26-204-55		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									
B06.010.056	2-RPV-26-204-56		OM-1201-4	NDE-25	MT	CS	9.250		Reactor Vessel Closure Nut Pc. 26.
		50	B&W152009E				1.300		
Class A									

Total B06.010 Items: 20

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

DUKE ENERGY CORPORATION
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Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Closure Studs, when removed ****									
B06.030.037	2-RPV-25-204-37	50	OM-1201-4 B&W152009E	See Com	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Studs - Removed; Pc. 25. Stud Length = 63.250. Procedure # PDI-UT-5
Class A									
B06.030.037A	2-RPV-25-204-37	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Studs - Removed; Pc. 25. Stud Length = 63.250.
Class A									
B06.030.038	2-RPV-25-204-38	50	OM-1201-4 B&W152009E	See Com	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Studs - Removed; Pc. 25. Stud Length = 63.250. Procedure # PDI-UT-5
Class A									
B06.030.038A	2-RPV-25-204-38	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Studs - Removed; Pc. 25. Stud Length = 63.250.
Class A									
B06.030.039	2-RPV-25-204-39	50	OM-1201-4 B&W152009E	See Com	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Studs - Removed; Pc. 25. Stud Length = 63.250. Procedure # PDI-UT-5
Class A									
B06.030.039A	2-RPV-25-204-39	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Studs - Removed; Pc. 25. Stud Length = 63.250.
Class A									
B06.030.040	2-RPV-25-204-40	50	OM-1201-4 B&W152009E	See Com	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Studs - Removed; Pc. 25. Stud Length = 63.250. Procedure # PDI-UT-5
Class A									
B06.030.040A	2-RPV-25-204-40	50	OM-1201-4 B&W152009E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Studs - Removed; Pc. 25. Stud Length = 63.250.
Class A									

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.041	2-RPV-25-204-41		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.041A	2-RPV-25-204-41		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.042	2-RPV-25-204-42		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.042A	2-RPV-25-204-42		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.043	2-RPV-25-204-43		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.043A	2-RPV-25-204-43		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.044	2-RPV-25-204-44		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.044A	2-RPV-25-204-44		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.045	2-RPV-25-204-45		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.045A	2-RPV-25-204-45		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.046	2-RPV-25-204-46		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.046A	2-RPV-25-204-46		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.047	2-RPV-25-204-47		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.047A	2-RPV-25-204-47		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.048	2-RPV-25-204-48		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.048A	2-RPV-25-204-48		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.049	2-RPV-25-204-49		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.049A	2-RPV-25-204-49		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.050	2-RPV-25-204-50		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250
Class A									Procedure # PDI-UT-5
B06.030.050A	2-RPV-25-204-50		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.051	2-RPV-25-204-51		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.051A	2-RPV-25-204-51		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.052	2-RPV-25-204-52		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.052A	2-RPV-25-204-52		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.053	2-RPV-25-204-53		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.053A	2-RPV-25-204-53		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.054	2-RPV-25-204-54		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.054A	2-RPV-25-204-54		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.055	2-RPV-25-204-55		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.055A	2-RPV-25-204-55		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									
B06.030.056	2-RPV-25-204-56		OM-1201-4	See Com	UT	CS	6.500	40420	Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									Procedure # PDI-UT-5
B06.030.056A	2-RPV-25-204-56		OM-1201-4	NDE-25	MT	CS	6.500		Reactor Vessel Closure Studs - Removed; Pc. 25.
		50	B&W152009E				0.000		Stud Length = 63.250.
Class A									

Total B06.030 Items: 40

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Reactor Vessel

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Closure Washers, Bushings ******									
B06.050.001C	2-RPV-WASH-BUSH			QAL-13	VT-1	CS	9.750		Reactor Vessel Closure Washers and Bushings.
		50	B&W152009E				0.000		Stud Holes 37, 43 Thru 56.
Class A									

Total B06.050 Items: 1

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Pumps

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Bolts and Studs ******									
B06.180.003	2-RCP-2B1-FB			See Com	UT	CS	3.750	40424	Reactor Coolant Pump 2B1 Main Flange Studs - Pc. 19 (Total 20 Studs). Length = 32.00". Procedure # PDI-UT-5
		50	OM-1201D-0005				0.000		
Class A			OM-1201-1217						

Total B06.180 Items: 1

CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter

Pumps

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Nuts, Bushings, and Washers ******									
B06.200.003	2-RCP-2B1-NUTS			QAL-13	VT-1	CS	0.000		Reactor Coolant Pump 2B1 Main Flange; 20 Nuts, Bushings, Washers.
		50	OM-1201.D-0057				0.000		
Class A									

Total B06.200 Items:	**1**
Total B06 Items:	**63**

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

Pressurizer

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Bolts, Studs, and Nuts ******									
B07.020.003	2-PZR-LHB-STUDS			QAL-13	VT-1	CS	2.000		Pressurizer Lower Heater Bundle Studs Pc. 75
		50	B&W149775E				0.000		(Total 16 Studs). Length = 19.312".
Class A									

Total B07.020 Items: 1

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

Steam Generators

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Bolts, Studs, and Nuts ******									
B07.030.007	2-SGB-UHIC-BOLT	50	OM-1201-1477	QAL-13	VT-1	SS	1.000 0.000		Steam Generator 2B Upper Head Inspection Cover Studs & Nuts (Total 12 Studs Pc. 112 and Nuts Pc. 110). Length = 6.000".
Class A									
B07.030.008	2-SGB-LHIC-BOLT	50	OM-1201-1477	QAL-13	VT-1	SS	1.000 0.000		Steam Generator 2B Lower Head Inspection Cover Studs & Nuts (Total 12 Studs Pc. 112 and Nuts Pc. 110). Length = 6.000".
Class A									

Total B07.030 Items: 2

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

Piping

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Bolts, Studs, and Nuts ******									
B07.050.002	2-PZR-RC66-BOLT			QAL-13	VT-1	CS	1.125		Pressurizer Relief Valve RC-66 Nozzle Flange Bolting (Nozzle between W & Z Axis) Total 8 Bolts and Nuts.
		50	OM-1201-1526				0.000		
Class A			B&W149762E						

Total B07.050 Items: 1

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

Valves

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Bolts, Studs, and Nuts ******									
B07.070.005	2-53A-LP47-BOLTS			QAL-13	VT-1	SS	0.000		Low Pressure Injection Valve LP-47 Bolting.
		53A	OM-245-001				0.000		
Class A			OFD-102A-2.2						
B07.070.017	2-53A-LP103-BOLTS			QAL-13	VT-1	NA	0.000		Decay Heat Emergency Dump Valve. Valve LP-103 Bolting.
		53A	OM-245-1255				0.000		
Class A			OFD-102A-2.1						

Total B07.070 Items: 2

CATEGORY B-G-2, Pressure Retaining Bolting, 2" And Less In Diameter

CRD Housings

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Bolts, Studs, and Nuts ****									
B07.080.001	2-RPV-CRD-BOLTS		DPS 706599-1056	QAL-13	VT-1	CS	1.250		CRD Housing Bolts (Total 8 Bolts) CRD # 1,2,5,44,47,7,20, 37, 40, 46, & 60 Inspected to date. (Inspect only if disassembled). Reference Request for Relief ONS-004 and ONS-005.
		50	OM-201-2248				0.000		
Class A			B&W152006E						
B07.080.002	2-RPV-CRD-RINGS		DPS 706599-1056	QAL-13	VT-1	CS	11.500		CRD Housing Rings ; 1 Pair per housing Pc.120 ; CRD # 1,2,5,44,477,20,37, 40, 46, & 60)Inspected to date.(Inspect only if disassembled).
		50	OM-201-2248				1.250		
Class A			B&W152006E						

Total B07.080 Items:	2
Total B07 Items:	8

CATEGORY B-J, Pressure Retaining Welds In Piping

NPS 4 or Larger

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential Welds ****									
B09.011.005	2LP-189-15		2LP-189	NDE-600	UT	SS	10.000		This weld was listed previously as 2-53A-8-15 on iso 2-53A-8(1) until it was transferred to iso 2LP-189.
	Circumferential	53A	OFD-102A-2.2				1.000		
Class A					Valve 2LP-47 to Pipe				
B09.011.005A	2LP-189-15		2LP-189	NDE-35	PT	SS	10.000		This weld was listed previously as 2-53A-8-15 on iso 2-53A-8(1) until it was transferred to iso 2LP-189.
	Circumferential	53A	OFD-102A-2.2				1.000		
Class A					Valve 2LP-47 to Pipe				
B09.011.011	2-53A-8-63		2-53A-8(2)	See Com	UT	SS	14.000	40389	Procedure # 54-ISI-106-08
	Circumferential	53A	OFD-102A-2.3				1.250	6002348	
Class A			ISI-OCN2-001		Pipe to SAFE END P.C.89				
B09.011.011A	2-53A-8-63		2-53A-8(2)	NDE-35	PT	SS	14.000		The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-001.
	Circumferential	53A	OFD-102A-2.3				1.250		
Class A			ISI-OCN2-001		Pipe to SAFE END PC.89				
B09.011.013	2-53A-8-64		2-53A-8(3)	See Com	UT	SS	14.000	40389	Procedure # 54-ISI-106-08
	Circumferential	53A	OFD-102A-2.3				1.250	6002348	
Class A			ISI-OCN2-001		Pipe to SAFE END PC.89				
B09.011.013A	2-53A-8-64		2-53A-8(3)	NDE-35	PT	SS	14.000		The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-001.
	Circumferential	53A	OFD-102A-2.3				1.250		
Class A			ISI-OCN2-001		Pipe to SAFE END PC.89				
B09.011.019	2-PHA-1		ISI-OCN2-005	See Com	UT	CS	42.750	40350	For inspection in Outage 1, see Request for Relief ONS-006. TERMINAL END.
	Circumferential	50	OM-1201-966				3.000	95001	
Class A	Term end				Nozzle Pc. 19 to Pipe Pc. 32				Procedure # 54-ISI-106-08
B09.011.019A	2-PHA-1		ISI-OCN2-005	NDE-25	MT	CS	42.750		TERMINAL END
	Circumferential	50	OM-1201-966				3.000		The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-002
Class A	Term end				Nozzle Pc. 19 to Pipe Pc. 32				

CATEGORY B-J, Pressure Retaining Welds In Piping

NPS 4 or Larger

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.021	2-PHB-1		ISI-OCN2-006	See Com	UT	CS	42.750	40350	For inspection in Outage 1, see Request for Relief ONS-006. TERMINAL END.
	Circumferential	50	OM-1201-966				3.000	95001	Procedure # 54-ISI-106-08
Class A	Term end				Nozzle to Pipe				
B09.011.021A	2-PHB-1		ISI-OCN2-006	NDE-25	MT	CS	42.750		The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-002. TERMINAL END
	Circumferential	50	OM-1201-966				3.000		
Class A	Term end				Nozzle to Pipe				
B09.011.032	2-PDA1-8		ISI-OCN2-011	See Com	UT	CS	33.500	40350	TERMINAL END
	Circumferential	50					3.000	95001	Procedure # 54-ISI-106-08
Class A	Term end				Nozzle to Pipe				
B09.011.032A	2-PDA1-8		ISI-OCN2-011	NDE-25	MT	CS	33.500		The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-002. TERMINAL END
	Circumferential	50					3.000		
Class A	Term end				Nozzle to Pipe				Inspection in outage 1 will not count in percentages. It should not have been scheduled for examination in outage 1.
B09.011.033	2-PDA2-8		ISI-OCN2-012	See Com	UT	CS	33.500	40350	TERMINAL END
	Circumferential	50					3.000	95001	Procedure # 54-ISI-106-08
Class A	Term end				Nozzle to Pipe				
B09.011.033A	2-PDA2-8		ISI-OCN2-012	NDE-25	MT	CS	33.500		The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-002. TERMINAL END
	Circumferential	50					3.000		
Class A	Term end				Nozzle to Pipe				Inspection in outage 1 will not count in percentages. It should not have been scheduled for examination in outage 1.
B09.011.034	2-PDB1-8		ISI-OCN2-013	See Com	UT	CS	33.500	40350	TERMINAL END
	Circumferential	50					3.000	95001	Procedure # 54-ISI-106-08
Class A	Term end				Nozzle to Pipe				

CATEGORY B-J, Pressure Retaining Welds In Piping

NPS 4 or Larger

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.034A	2-PDB1-8		ISI-OCN2-013	NDE-25	MT	CS	33.500		The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-002. TERMINAL END Inspection in outage 1 will not count in percentages. It should not have been scheduled for examination in outage 1.
	Circumferential	50					3.000		
Class A	Term end				Nozzle to Pipe				
B09.011.035	2-PDB2-8		ISI-OCN2-014	See Com	UT	CS	33.500	40350	TERMINAL END Procedure # 54-ISI-106-08
	Circumferential	50					3.000	95001	
Class A	Term end				Nozzle to Pipe				
B09.011.035A	2-PDB2-8		ISI-OCN2-014	NDE-25	MT	CS	33.500		The Automated UT performed from the id of the reactor vessel on this weld will be substituted for this surface exam. See Request for Relief ONS-002. TERMINAL END Inspection in outage 1 will not count in percentages. It should not have been scheduled for examination in outage 1.
	Circumferential	50					3.000		
Class A	Term end				Nozzle to Pipe				
B09.011.037	2-PSL-2		ISI-OCN2-015	NDE-600	UT	SS	10.000		
	Circumferential	50	OFD-100A-2.2				1.000		
Class A	Stress weld				Elbow to Pipe				
B09.011.037A	2-PSL-2		ISI-OCN2-015	NDE-35	PT	SS	10.000		
	Circumferential	50	OFD-100A-2.2				1.000		
Class A	Stress weld				Elbow to Pipe				
B09.011.039	2-PSL-4		ISI-OCN2-015	NDE-600	UT	SS	10.000		
	Circumferential	50	OFD-100A-2.2				1.000		
Class A	Stress weld				Elbow to Pipe				
B09.011.039A	2-PSL-4		ISI-OCN2-015	NDE-35	PT	SS	10.000		
	Circumferential	50	OFD-100A-2.2				1.000		
Class A	Stress weld				Elbow to Pipe				

CATEGORY B-J, Pressure Retaining Welds In Piping

NPS 4 or Larger

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.041	2-PSL-6		ISI-OCN2-015	NDE-600	UT	SS	10.000		
	Circumferential	50	OFD-100A-2.2				1.000		
Class A	Stress weld				Pipe to Elbow				
B09.011.041A	2-PSL-6		ISI-OCN2-015	NDE-35	PT	SS	10.000		
	Circumferential	50	OFD-100A-2.2				1.000		
Class A	Stress weld				Pipe to Elbow				

Total B09.011 Items: 24

CATEGORY B-J, Pressure Retaining Welds In Piping

Less Than NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential Welds ****									
B09.021.009	2-51A-146-2		2-51A-146	NDE-35	PT	SS	3.000		
	Circumferential	51A	OFD-101A-2.1				0.438		
Class A					Pipe to Elbow				
B09.021.013	2HP-218-1		2HP-218	NDE-35	PT	SS	2.500		This weld was listed previously as 2-51A-27-59 until iso 2-51A-27 (2) was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.375		
Class A					Pipe to Elbow				
B09.021.015	2HP-218-14		2HP-218	NDE-35	PT	SS	2.500		This weld was listed previously as 2-51A-27-69 until iso 2-51A-27 (2) was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.375		
Class A					Pipe to Elbow				
B09.021.017	2HP-215-5		2HP-215	NDE-35	PT	SS	2.500		This weld was listed previously as 2-51A-27-57B until iso 2-51A-27 (3) was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.375		
Class A					Reducer to Pipe				
B09.021.019	2HP-214-5		2HP-214	NDE-35	PT	SS	2.500		This weld was listed previously as 2-51A-27-90 until iso 2-51A-27 (3) was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.375		
Class A					Pipe to Flange				
B09.021.021	2HP-215-20		2HP-215	NDE-35	PT	SS	2.500		This weld was listed previously as 2-51A-27-97A until iso 2-51A-27 (3) was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.375		
Class A					Elbow to Pipe				
B09.021.026	2HP-217-11		2HP-217	NDE-35	PT	SS	2.500		This weld was listed previously as 2-51A-30-29 until iso 2-51A-30 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.375		
Class A					Elbow to Pipe				
B09.021.028	2-51A-30-36		2-51A-30	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-2.4				0.375		
Class A					Elbow to Pipe				

CATEGORY B-J, Pressure Retaining Welds In Piping

Less Than NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.021.046	2RC-236-3		2RC-236	NDE-35	PT	SS	3.000		Isometric 2RC-236 was issued to transfer welds from 2-50-44. This weld number used to be 2-50-44-3.
	Circumferential	50	OFD-100A-2.2				0.438		
Class A					Valve 2RC-4 to Reducer				
B09.021.055	2-PSP-5		ISI-OCN2-016	NDE-35	PT	SS	2.500		
	Circumferential	50	OFD-100A-2.2				0.375		
Class A	Stress weld				Pipe to Elbow				
B09.021.057	2-PSP-8		ISI-OCN2-016	NDE-35	PT	SS	2.500		
	Circumferential	50	OFD-100A-2.2				0.375		
Class A	Stress weld				Pipe to Valve 2RC-003				
B09.021.060	2-PSP-15		ISI-OCN2-016	NDE-35	PT	SS	2.500		
	Circumferential	50	OFD-100A-2.2				0.375		
Class A	Stress weld				Tee to Pipe				

Total B09.021 Items: 12

CATEGORY B-J, Pressure Retaining Welds In Piping

Socket Welds

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.040.003	2RC-271-25		2RC-271	NDE-35	PT	SS	1.500		This weld was listed previously as 2-50-129-25 until iso 2-50-129 was deleted and all welds were tranferred to iso 2RC-271.
	Socket	50	OFD-100A-2.2				0.281		
Class A					Pipe to Valve 2LP-131				
B09.040.009	2-50-7-81		2-50-7 (2)	NDE-35	PT	SS	1.500		
	Socket	50	OFD-100A-2.1				0.281		
Class A					Pipe to Elbow				

Total B09.040 Items: 2

Total B09 Items: 38

CATEGORY B-N-1, Interior of Reactor Vessel

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

Reactor Vessel

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Vessel Interior ******									
B13.010.001	2-RPV-INT-SURFACE			QAL-14	VT-3	SS	0.000		Reactor Vessel Internal Surfaces
		50	B&W152008E				0.000		Note: Prior to Vessel inspection in outage 5, we need to verify that we have the Framatone inspection procedure listed in the ISI Plan General Requirements and with the item number.
Class A			ISI-OCN2-001						

Total B13.010 Items: 1

CATEGORY B-N-2, Integral Welded Core Support Structures And Interior Attach to RV

Reactor Vessel (PWR)

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Interior Attachments within Beltline Region ******									
B13.050.001	2RPV-INT-LUGS		ISI-OCN2-001	QAL-13	VT-1	NA	0.000		Reactor Vessel Core Guide Lugs.
		50	OM-1201-671				0.000		Note: Prior to Vessel inspection in outage 5, we need to verify that we have the Framatone inspection procedure listed in the ISI Plan General Requirements and with the item number.
Class A			B&W149905E						

Total B13.050 Items: 1

CATEGORY B-N-3, Removable Core Support Structures

Reactor Vessel (PWR)

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Core Support Structure ******									
B13.070.001	2-RPV-INTERNALS		ISI-OCN2-001	QAL-14	VT-3	NA	0.000		Reactor Vessel Core Support Structures; Welds, Bolting, and Surfaces.
		50	B&W152008E				0.000		
Class A									Note: Prior to Vessel inspection in outage 5, we need to verify that we have the Framatone inspection procedure listed in the ISI Plan General Requirements and with the item number.

Total B13.070 Items:	**1**
Total B13 Items:	**3**

CATEGORY B-O, Pressure Retaining Welds In Control Rod Housings

Reactor Vessel

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Welds In CRD Housing ******									
B14.010.001	2-RPV-CRD-60WH9			NDE-35	PT	SS-Inconel	4.025		CRDM Housing Body to Adapter MK - 67 to MK- 55.
		50	OM-1201-1529				0.650		
Class A			OM-1201-1530		Housing Body to Adapter				
B14.010.005	2-RPV-CRD-60W60			NDE-35	PT	SS-CS	5.000		CRDM Base to Motor Tube - CRDM # 60.
		50	DPS 706599-1056				0.500		
Class A			OM-1201-1530		CRDM Base to Motor Tube				
B14.010.008	2-RPV-CRD-60			NDE-35	PT	SS-CS	4.300		CRDM Motor Tube to Extension - CRDM # 60.
		50	DPS 706599-1056				0.400		
Class A			OM-1201-1530		CRDM Motor Tube to Extension				
B14.010.011	2-RPV-CRD-60W61			NDE-35	PT	SS	4.190		Peripheral CRDM Extension to Cap - CRDM # 60.
		50	DPS 706599-1056				0.380		
Class A			OM-1201-1530		Extension to Cap				

Total B14.010 Items: 4

Total B14 Items: 4

CATEGORY C-A, Pressure Retaining Welds In Pressure Vessels

Shell Circumferential Welds

DUKE ENERGY CORPORATION
INSERVICE INSPECTION PLAN MANAGEMENT
Inservice Inspection Database Management System
Oconee 2
Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.010.003 Class B	2-SGB-WG8-2 Circumferential		ISI-OCN2-004 OM-1201-450	NDE-620 See Com	UT SGB Shell to SGB Nozzle Belt	CS	138.000 4.188	40339 50236	Steam Generator 2B Shell Pc. 2 to Nozzle Belt Pc. 3. Calibration block 50236 is being added as a result of revision 8 to examination procedure NDE-620. Procedure PDI-UT-6 may be used.
C01.010.004 Class B	2-SGB-WG8-4 Circumferential		ISI-OCN2-004 OM-1201-450	NDE-620 See Com	UT SGB Shell to SGB Shell	CS	138.000 4.188	40339 50236	Steam Generator 2B Shell Pc. 5 to Shell Pc. 6. Calibration block 50236 is being added as a result of revision 8 to examination procedure NDE-620. Procedure PDI-UT-6 may be used.

Total C01.010 Items: 2

CATEGORY C-A, Pressure Retaining Welds In Pressure Vessels

Tubesheet-to-Shell Weld

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.030.001 Class B	2-SGA-WG60 Circumferential		ISI-OCN2-003 OM-1201-450	See Com	UT Tubesheet to Shell	CS	138.000 6.625		Steam Generator 2A Upper Tubesheet Pc. 51 to Shell Pc. 1. The inspection in Outage 5 is to meet the Section XI requirements of paragraph IWC-2420(b). This surveillance inspection is due to the reportable indication discovered in Outage 4. Procedure PDI-UT-7 shall be used.

Total C01.030 Items:	**1**
Total C01 Items:	**3**

CATEGORY C-B, Pressure Retaining Nozzle Welds In Vessels

Nozzles Without Reinforcing Plate In Vessels > 1/2 In. Nom. Thickness

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Nozzle-to-Shell (or Head) Weld ******									
C02.021.001	2-SGA-WG23-1		ISI-OCN2-003	NDE-640	UT	CS	29.000	40338	Steam Generator 2A Steam Outlet Nozzle (W-Axis)
	Circumferential		OM-1201-450	NDE-820			6.750		Pc. 14 to Shell Pc. 3.
Class B			B&W103214D		Outlet Nozzle to Shell				
C02.021.001A	2-SGA-WG23-1		ISI-OCN2-003	NDE-25	MT	CS	29.000		Steam Generator 2A Steam Outlet Nozzle (W-Axis)
	Circumferential		OM-1201-450				6.750		Pc. 14 to Shell Pc. 3.
Class B			B&W103214D		Outlet Nozzle to Shell				
C02.021.002	2-SGA-WG23-2		ISI-OCN2-003	NDE-640	UT	CS	29.000	40338	Steam Generator 2A Steam Outlet Nozzle (X-YAxis)
	Circumferential		OM-1201-450	NDE-820			6.750		Pc. 14 to Shell Pc. 3.
Class B			B&W103214D		Outlet Nozzle to Shell				
C02.021.002A	2-SGA-WG23-2		ISI-OCN2-003	NDE-25	MT	CS	29.000		Steam Generator 2A Steam Outlet Nozzle (X-YAxis)
	Circumferential		OM-1201-450				6.750		Pc. 14 to Shell Pc. 3.
Class B			B&W103214D		Outlet Nozzle to Shell				
Total C02.021 Items:	**4**								
****** Nozzle Inside Radius Section ******									
C02.022.001	2-SGA-WG23-1		ISI-OCN2-003	NDE-680	UT	CS	29.000	40338	Steam Generator 2A Steam Outlet Nozzle (W-X
			OM-1201-450				6.750		Axis) Pc. 14 to Shell Pc. 3. (Inside Radius Section).
Class B			B&W103214D		Outlet Nozzle to Shell				
C02.022.002	2-SGA-WG23-2		ISI-OCN2-003	NDE-680	UT	CS	29.000	40338	Steam Generator 2A Steam Outlet Nozzle (X-Y
			OM-1201-450				6.750		Axis) Pc. 14 to Shell Pc. 3. (Inside Radius Section)
Class B			B&W103214D		Outlet Nozzle to Shell				
Total C02.022 Items:	**2**								
Total C02 Items:	**6**								

CATEGORY C-C, Integral Attachments For Vessels, Piping, Pumps, And Valves

Pressure Vessels

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Integrally Welded Attachments ****									
C03.010.007	2-SGA-WG84-WX		OM-1201-1511	NDE-25	MT	CS	0.000	1.000	Steam Generator 2A Feedwater Header Support Attachment Pc. 152/153 W-X Quadrant nearest to W- Axis.
Class B			OM-1201-95		Attachment to Shell				
C03.010.008	2-SGA-WG84-XW		OM-1201-1511	NDE-25	MT	CS	0.000	1.000	Steam Generator 2A Feedwater Header Support Attachment Pc. 152/153 X-W Quadrant nearest to X- Axis.
Class B			OM-1201-95		Attachment to Shell				

Total C03.010 Items: 2

CATEGORY C-C, Integral Attachments For Vessels, Piping, Pumps, And Valves

Piping

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Integrally Welded Attachments ****									
C03.020.005	2-01A-H14		0-1441	NDE-25	MT	CS	36.000		FILE NO. OSC-440
	Rigid Restraint	01A	OFD-122A-2.1				0.750		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
C03.020.008	2-01A-H4A		0-1481A	NDE-25	MT	CS	26.000		FILE NO. OSC-440
	Rigid Restraint	01A	OFD-122A-2.1	NDE-35			0.750		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING PT examination may be performed on areas of the attachment where MT examination is not possible due to limited access. PT performed in lieu of MT or along with the MT will provide 100% of examination coverage.
C03.020.009	2-01A-H5A		0-1481A	NDE-25	MT	CS	26.000		FILE NO. OSC-440
	Rigid Restraint	01A	OFD-122A-2.1	NDE-35			0.750		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING PT examination may be performed on areas of the attachment where MT examination is not possible due to limited access. PT performed in lieu of MT or along with the MT will provide 100% of examination coverage.
C03.020.010	2-01A-H5B		0-1481A	NDE-25	MT	CS	26.000		FILE NO. OSC-440
	Rigid Restraint	01A	OFD-122A-2.1	NDE-35			0.750		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING PT examination may be performed on areas of the attachment where MT examination is not possible due to limited access. PT performed in lieu of MT or along with the MT will provide 100% of examination coverage.
C03.020.015	2-01A-R6		0-1401B	NDE-25	MT	CS	36.000		FILE NO. OSC-440
	Mech Snubber	01A	OFD-122A-2.1				1.000		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING. INSPECT WITH ITEM NO. F01.050.072
C03.020.018	2-03-H16A		0-1481A	NDE-25	MT	CS	24.000		MAIN FEEDWATER WEST GEN. 2B, DWG
	Rigid Restraint	03	OFD-121B-2.3	NDE-35			1.000		0-1490B-3.
Class B									PT examination may be performed on areas of the attachment where MT examination is not possible

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
									due to limited access. PT performed in lieu of MT or along with the MT will provide 100% of examination coverage.
C03.020.041	2-53B-DE051		0-435B	NDE-35	PT	SS	14.000		FILE NO. OS-487, PROBLEM NO. 2-53-01, SHT 4 OF 5. L. P. INJECTION & DECAY HEAT REMOVAL SYSTEM 53B.
	Rigid Restraint	53B	OFD-102A-2.2				0.750		
Class B									
C03.020.045	2-53B-H2		5-0-1444	NDE-35	PT	SS	10.000		FILE NO. OS-493, PROBLEM NO. 2-53-2, SHT 2 OF 4. FROM L. P. PUMPS "2A" & "2C" TO R. B. & BORATED WATER STORAGE TANK SYSTEM "53A" & "53B".
	Spring Hgr	53B	OFD-102A-2.2				1.750		
Class B									
C03.020.046	2-53B-H3		5-0-1444	NDE-35	PT	SS	10.000		FILE NO. OS-487, PROBLEM NO. 2-53-01, SHT 3 OF 5. L. P. INJECTION & DECAY HEAT REMOVAL SYSTEM 53B.
	Spring Hgr	53B	OFD-102A-2.2				1.250		
Class B									
C03.020.047	2-53B-H5		2-0-436E	NDE-35	PT	SS	8.000		File Number = OSC-481, Page 144; Problem Number = 51-2; System 53B
	Rigid Restraint	53B	OFD-101A-2.3				1.000		
Class B									
C03.020.049	2-53B-H7		2-0-436E	NDE-35	PT	SS	6.000		File Number = OSC-481,Page 143; Problem Number = 51-2
	Rigid Restraint	53B	OFD-101A-2.3				0.750		
Class B									
C03.020.051	2-53B-R16		5-0-1436A	NDE-35	PT	SS	10.000		FILE NO. OS-487, PROBLEM NO. 2-53-01, SHT 4 OF 5. L. P. INJECTION & DECAY HEAT REMOVAL SYSTEM 53B.
	Rigid Restraint	53B	OFD-102A-2.2				1.000		
Class B									
C03.020.052	2-53B-R5		7-0-436E	NDE-35	PT	SS	6.000		File Number = OSC-481,Page 143; Problem Number = 51-2
	Rigid Restraint	53B	OFD-101A-2.3				0.750		
Class B									
C03.020.057	2-SGA-WG87-WX		OM-201-1054	NDE-25	MT	CS	0.000		SGA FDW. HDR. S/R ATTACH. W-X QUAD. NEAR W-AXIS
	Rigid Restraint	03	OFD-121B-2.3				1.000		
Class B									

CATEGORY C-C, Integral Attachments For Vessels, Piping, Pumps, And Valves

Piping

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C03.020.058	2-SGA-WG87-WZ		OM-201-1054	NDE-25	MT	CS	0.000		SGA FDW. HDR. S/R ATTACH. W-Z QUAD. NEAR
	Rigid Restraint	03	OFD-121B-2.3				1.000		W-AXIS
Class B									
C03.020.061	2-SGA-WG87-YX		OM-201-1054	NDE-25	MT	CS	0.000		SGA FDW. HDR. S/R ATTACH.
	Rigid Restraint	03	OFD-121B-2.3				1.000		Y-X QUAD. NEAR Y-AXIS
Class B									
C03.020.073	2-51A-FAC-2802		436E	NDE-35	PT	SS	2.000		Calc# OSC-479, Page 55.1
	Rigid Restraint	51B	OFD-101A-2.2				0.750		Problem# 2-51-01, sht. 6 of 6
Class B									Inspect the Welded Attachment to Pipe

Total C03.020 Items:	**17**
Total C03 Items:	**19**

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds >= 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Circumferential Weld ******									
C05.011.011	2LP-150-69		2LP-150	NDE-600	UT	SS	10.000		This weld was listed previously as 2-53A-9-41 until iso 2-53A-9 was redrawn.
	Circumferential	53A	OFD-102A-2.3				1.125		
Class B					Elbow to Reducer				This weld was previously listed as 2LP-150-41; but was deleted and remade as 2LP-150-69.
C05.011.011A	2LP-150-69		2LP-150	NDE-35	PT	SS	10.000		This weld was listed previously as 2-53A-9-41 until iso 2-53A-9 was redrawn.
	Circumferential	53A	OFD-102A-2.3				1.125		
Class B					Elbow to Reducer				This weld was previously listed as 2LP-150-41; but was deleted and remade as 2LP-150-69.
C05.011.012	2LP-150-70		2LP-150	NDE-600	UT	SS	12.000		This weld was listed previously as 2-53A-9-42 until iso 2-53A-9 was redrawn.
	Circumferential	53A	OFD-102A-2.3				1.312		
Class B					Reducer to Valve 2LP-17				
C05.011.012A	2LP-150-70		2LP-150	NDE-35	PT	SS	12.000		This weld was listed previously as 2-53A-9-42 until iso 2-53A-9 was redrawn.
	Circumferential	53A	OFD-102A-2.3				1.312		
Class B					Reducer to Valve 2LP-17				

Total C05.011 Items: 4

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping >= NPS 2 And <= NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Circumferential Weld ******									
C05.021.013	2HP-219-14		2HP-219	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-132-10 until iso 2-51A-132 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.674		
Class B					Valve 2HP-409 to Pipe				
C05.021.013A	2HP-219-14		2HP-219	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-132-10 until iso 2-51A-132 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.674		
Class B					Valve 2HP-409 to Pipe				
C05.021.014	2HP-219-3		2HP-219	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-132-3 until iso 2-51A-132 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Pipe to Elbow				
C05.021.014A	2HP-219-3		2HP-219	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-132-3 until iso 2-51A-132 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Pipe to Elbow				
C05.021.015	2HP-219-12		2HP-219	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-132-9 until iso 2-51A-132 was redrawn.This weld was cut out and welded back.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
C05.021.015A	2HP-219-12		2HP-219	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-132-9 until iso 2-51A-132 was redrawn.This weld was cut out and welded back.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
C05.021.016	2-51A-133-10		2-51A-133	NDE-600	UT	SS	4.000		
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
C05.021.016A	2-51A-133-10		2-51A-133	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping >= NPS 2 And <= NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.017	2-51A-133-3		2-51A-133	NDE-600	UT	SS	4.000		
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Pipe to Elbow				
C05.021.017A	2-51A-133-3		2-51A-133	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Pipe to Elbow				
C05.021.018	2-51A-17-49		2-51A-17 (1)	NDE-600	UT	SS	4.000		
	Circumferential	51A	OFD-101A-2.2				0.237		
Class B					Elbow to Pipe				
C05.021.018A	2-51A-17-49		2-51A-17 (1)	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-2.2				0.237		
Class B					Elbow to Pipe				
C05.021.046	2-51A-29-1		2-51A-29	NDE-600	UT	SS	4.000		
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Tee to Pipe				
C05.021.046A	2-51A-29-1		2-51A-29	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Tee to Pipe				
C05.021.047	2HP-396-2		2HP-396	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-29-2 on iso 2-51A-29 until it was transferred to iso 2HP-396
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Tee to Pipe				
C05.021.047A	2HP-396-2		2HP-396	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-29-2 on iso 2-51A-29 until it was transferred to iso 2HP-396.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Tee to Pipe				
C05.021.048	2-51A-31-59		2-51A-31	NDE-600	UT	SS	4.000		
	Circumferential	51A	OFD-101A-2.1				0.531		
Class B					Reducer to Elbow				

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping >= NPS 2 And <= NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.048A	2-51A-31-59		2-51A-31	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-2.1				0.531		
Class B					Reducer to Elbow				
C05.021.049	2-51A-31-5		2-51A-31	NDE-600	UT	SS	4.000		
	Circumferential	51A	OFD-101A-2.1				0.674		
Class B					Elbow to Pipe				
C05.021.049A	2-51A-31-5		2-51A-31	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-2.1				0.674		
Class B					Elbow to Pipe				
C05.021.050	2HP-338-52		2HP-338	NDE-600	UT	SS	4.000		This weld used to be listed as 2-51A-31-52 and was shown on isometric 2-51A-31.
	Circumferential	51A	OFD-101A-2.1				0.531		
Class B					Pipe to Reducer				
C05.021.050A	2HP-338-52		2HP-338	NDE-35	PT	SS	4.000		This weld used to be listed as 2-51A-31-52 and was shown on isometric 2-51A-31.
	Circumferential	51A	OFD-101A-2.1				0.531		
Class B					Pipe to Reducer				
C05.021.059	2HP-338-51		2HP-338	NDE-600	UT	SS	3.000		This weld used to be listed as 2-51A-31-51 and was shown on isometric 2-51A-31.
	Circumferential	51A	OFD-101A-2.1				0.438		
Class B					Reducer to Pipe				
C05.021.059A	2HP-338-51		2HP-338	NDE-35	PT	SS	3.000		This weld used to be listed as 2-51A-31-51 and was shown on isometric 2-51A-31.
	Circumferential	51A	OFD-101A-2.1				0.438		
Class B					Reducer to Pipe				
C05.021.078	2-51A-33-15		2-51A-33	NDE-600	UT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Elbow to Pipe				
C05.021.078A	2-51A-33-15		2-51A-33	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Elbow to Pipe				

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping >= NPS 2 And <= NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.079	2-51A-33-16		2-51A-33	NDE-600	UT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Pipe to Elbow				
C05.021.079A	2-51A-33-16		2-51A-33	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Pipe to Elbow				
C05.021.080	2-51A-33-17		2-51A-33	NDE-600	UT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Elbow to Pipe				
C05.021.080A	2-51A-33-17		2-51A-33	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Elbow to Pipe				
C05.021.081	2HP-212-6		2HP-212	NDE-600	UT	SS	2.500		This weld was listed previously as 2-51A-33-64 until iso 2-51A-33 was redrawn.
	Circumferential	51A	OFD-101A-2.1				0.552		
Class B					Pipe to Elbow				
C05.021.081A	2HP-212-6		2HP-212	NDE-35	PT	SS	2.500		This weld was listed previously as 2-51A-33-64 until iso 2-51A-33 was redrawn.
	Circumferential	51A	OFD-101A-2.1				0.552		
Class B					Pipe to Elbow				
C05.021.087	2-51A-27-19		2-51A-27 (1)	NDE-600	UT	SS	4.000		
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Pipe to Elbow				
C05.021.087A	2-51A-27-19		2-51A-27 (1)	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Pipe to Elbow				
C05.021.093	2HP-396-5		2HP-396	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-29-5 on iso 2-51A-29 until it was transferred to iso 2HP-396.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Pipe to Valve 2HP-140				

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping >= NPS 2 And <= NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.093A	2HP-396-5		2HP-396	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-29-5 on iso 2-51A-29 until it was transferred to iso 2HP-396.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Pipe to Valve 2HP-140				
C05.021.099	2-51A-33-20		2-51A-33	NDE-600	UT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Elbow to Pipe				
C05.021.099A	2-51A-33-20		2-51A-33	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Elbow to Pipe				
C05.021.105	2-51A-33-50		2-51A-33	NDE-600	UT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Pipe to Elbow				
C05.021.105A	2-51A-33-50		2-51A-33	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Pipe to Elbow				
C05.021.107	2-51A-33-6		2-51A-33	NDE-600	UT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Pipe to Elbow				
C05.021.107A	2-51A-33-6		2-51A-33	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.375		
Class B					Pipe to Elbow				
C05.021.109	2HP-212-3		2HP-212	NDE-600	UT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.552		
Class B					Elbow to Reducer				
C05.021.109A	2HP-212-3		2HP-212	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-2.1				0.552		
Class B					Elbow to Reducer				

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping >= NPS 2 And <= NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.115	2HP-221-22		2HP-221	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-128-18 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Valve 2HP-410				
C05.021.115A	2HP-221-22		2HP-221	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-128-18 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Valve 2HP-410				
C05.021.116	2HP-221-4		2HP-221	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-128-4 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
C05.021.116A	2HP-221-4		2HP-221	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-128-4 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
C05.021.117	2HP-221-6		2HP-221	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-128-6 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
C05.021.117A	2HP-221-6		2HP-221	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-128-6 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
C05.021.118	2HP-221-8		2HP-221	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-128-8 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
	Dissimilar								
C05.021.118A	2HP-221-8		2HP-221	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-128-8 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				
	Dissimilar								
C05.021.119	2HP-221-10		2HP-221	NDE-600	UT	SS	4.000		This weld was listed previously as 2-51A-128-10 until iso 2-51A-128 was redrawn.
	Circumferential	51A	OFD-101A-2.4				0.531		
Class B					Elbow to Pipe				

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Piping Welds > 1/5 in. Nom Wall For Piping >= NPS 2 And <= NPS 4

DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.119A	2HP-221-10		2HP-221	NDE-35	PT	SS	4.000		This weld was listed previously as 2-51A-128-10
	Circumferential	51A	OFD-101A-2.4				0.531		until iso 2-51A-128 was redrawn.
Class B					Elbow to Pipe				

Total C05.021 Items: 54

CATEGORY C-F-1, Pressure Retaining Welds In Austenitic SS or High Alloy Piping

Pipe Branch Connections of Branch Piping >= NPS 2

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Circumferential Weld ******									
C05.041.002	2-51A-17-64		2-51A-17 (1)	NDE-35	PT	SS	3.000		Inspect the reinforcement collar welds (welds 64Z and 64ZA) along with weld 2-51A-17-64.
	Branch	51A	OFD-101A-2.3				0.216		
Class B					Pipe to Pipe				
C05.041.003	2-51B-18-30		2-51B-18	NDE-35	PT	SS	3.000		
	Branch	51B	OFD-101A-2.2				0.120		
Class B					Nozzle to Pipe				
C05.041.004	2-51A-17-64Z		2-51A-17 (1)	NDE-35	PT	SS	3.000		Reinforcing collar weld at weld 2-51A-17-64.
	Branch	51A	OFD-101A-2.3				0.216		
Class B					Pipe to Reinforcing Collar				
C05.041.005	2-51A-17-64ZA		2-51A-17 (1)	NDE-35	PT	SS	3.000		Reinforcing collar weld at weld 2-51A-17-64.
	Branch	51A	OFD-101A-2.3				0.216		
Class B					Pipe to Reinforcing Collar				

Total C05.041 Items: 4

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Piping Welds >= 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential Weld ****									
C05.051.003	2-MS8A-B		2-01A-5 (2)	NDE-600	UT	CS	36.000		Subassembly 2MS-8A
	Circumferential	01A	OFD-122A-2.1				1.164		
Class B			2MS-8A		Pipe to Reducing Y Fitting				
C05.051.003A	2-MS8A-B		2-01A-5 (2)	NDE-25	MT	CS	36.000		Subassembly 2MS-8A
	Circumferential	01A	OFD-122A-2.1				1.164		
Class B			2MS-8A		Pipe to Reducing Y Fitting				
C05.051.012	2MS-104-18A		2MS-104	NDE-600	UT	CS	12.000		
	Circumferential	01A	OFD-122A-2.1				0.562		
Class B					Elbow to Valve 2MS-155				
C05.051.012A	2MS-104-18A		2MS-104	NDE-25	MT	CS	12.000		
	Circumferential	01A	OFD-122A-2.1				0.562		
Class B					Elbow to Valve 2MS-155				
C05.051.017	2-03A-67-11		2-03A-67	NDE-600	UT	CS	6.000		
	Circumferential	03A	OFD-121D-2.1				0.562		
Class B					Pipe to Elbow				
C05.051.017A	2-03A-67-11		2-03A-67	NDE-25	MT	CS	6.000		
	Circumferential	03A	OFD-121D-2.1				0.562		
Class B					Pipe to Elbow				
C05.051.019	2FDW-225-15		2FDW-225	NDE-600	UT	CS	24.000		This weld used to be listed as 2-03-18-15 and was shown on isometric 2-03-18(1).
	Circumferential	03	OFD-121B-2.3				1.219		
Class B					Pipe to Elbow				
C05.051.019A	2FDW-225-15		2FDW-225	NDE-25	MT	CS	24.000		This weld used to be listed as 2-03-18-15 and was shown on isometric 2-03-18(1).
	Circumferential	03	OFD-121B-2.3				1.219		
Class B					Pipe to Elbow				

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Piping Welds >= 3/8 in. Nominal Wall Thickness for Piping > NPS 4

DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.024	2FDW-238-WG91-F		2FDW-238	NDE-600	UT	CS	14.000		Reference Request for Relief 95-GO-03 for calibration block.
	Circumferential	03	OFD-121B-2.3				0.750		This weld was listed previously as 2-03-21-WG91-F until iso 2-03-21 was deleted and all welds were transferred to iso 2FDW-238.
Class B			OM-1201-451		Tee to Pipe				
C05.051.024A	2FDW-238-WG91-F		2FDW-238	NDE-25	MT	CS	14.000		This weld was listed previously as 2-03-21-WG91-F until iso 2-03-21 was deleted and all welds were transferred to iso 2FDW-238.
	Circumferential	03	OFD-121B-2.3				0.750		
Class B			OM-1201-451		Tee to Pipe				
C05.051.043	2LPS-597-17		2LPS-597	NDE-600	UT	CS	8.000		
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Pipe to Elbow				
C05.051.043A	2LPS-597-17		2LPS-597	NDE-25	MT	CS	8.000		
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Pipe to Elbow				
C05.051.044	2LPS-597-3AB		2LPS-597	NDE-600	UT	CS	8.000		This weld was listed previously as 2-14B-52-3AB until iso 2-14B-52 was redrawn.
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Elbow to Pipe				
C05.051.044A	2LPS-597-3AB		2LPS-597	NDE-25	MT	CS	8.000		This weld was listed previously as 2-14B-52-3AB until iso 2-14B-52 was redrawn.
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Elbow to Pipe				
C05.051.045	2LPS-600-1		2LPS-600	NDE-600	UT	CS	8.000		This weld was listed previously as 2-14B-53-1 until iso 2-14B-53 was redrawn.
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Elbow to Pipe				
C05.051.045A	2LPS-600-1		2LPS-600	NDE-25	MT	CS	8.000		This weld was listed previously as 2-14B-53-1 until iso 2-14B-53 was redrawn.
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Elbow to Pipe				

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Piping Welds >= 3/8 in. Nominal Wall Thickness for Piping > NPS 4

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.046	2LPS-600-86		2LPS-600	NDE-600	UT	CS	8.000		This weld was listed previously as 2-14B-53-86 until iso 2-14B-53 was redrawn.
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Elbow to Elbow				
C05.051.046A	2LPS-600-86		2LPS-600	NDE-25	MT	CS	8.000		This weld was listed previously as 2-14B-53-86 until iso 2-14B-53 was redrawn.
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Elbow to Elbow				
C05.051.047	2LPS-600-87		2LPS-600	NDE-600	UT	CS	8.000		
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Pipe to Elbow				
C05.051.047A	2LPS-600-87		2LPS-600	NDE-25	MT	CS	8.000		
	Circumferential	14B	OFD-124B-2.2				0.500		
Class B					Pipe to Elbow				

Total C05.051 Items: 20

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Socket Welds

DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.070.001	2-BWST-OUT-2		2-53B-22(1)	NDE-25	MT	CS	14.000		Borated Water Storage Tank outlet.
	Circumferential	53B	OFD-102A-2.1	NDE-35			0.375		Note: PT or MT or a combination of the 2 methods
Class B	Term end		OM 2201-839		Pipe to Flange				are acceptable methods of inspection for this weld.

Total C05.070 Items: 1

CATEGORY C-F-2, Pressure Retaining Welds In Carbon Or Low Alloy Steel Piping

Pipe Branch Connections of Branch Piping >= NPS 2

DUKE ENERGY CORPORATION
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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Circumferential Weld ******									
C05.081.001	2-MSB10-F		2MS-111	NDE-25	MT	CS	6.000		Subassembly 2MSB-10.
	Branch	01A	OFD-122A-2.2				0.432		This subassembly used to be shown on isometric 2-01A-15 until the subassembly was transferred to 2MS-111.
Class B			2MSB-10		Pipe to Pipe				When inspecting this weld, welds 2MS-111-43Z, 44Z and 45Z shall also be examined and documented with this weld. Reference Figure IWC-2500-13 for logic in deciding to inpsecting the above listed welds.

Total C05.081 Items:	**1**
Total C05 Items:	**84**

CATEGORY D-B, Systems In Support Of ECC, CHR, Atmos. Cleanup, And Reactor RHR

Integral Attachment

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Component Supports and Restraints ****									
D02.020.022 Class C	2-03A-H11 Rigid Restraint	03A	1-0-1437A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.125		File Number = OSC-449; Problem Number = 2-03A-08, Sht 3 of 6; Emergency Feedwater Bypass Line
D02.020.024 Class C	2-03A-H11A Rigid Restraint	03A	1-0-1437A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.125		File Number = OSC-449; Problem Number = 2-03A-08, Sht 3 of 6; Emergency Feedwater Bypass Line
D02.020.026 Class C	2-03A-H12 Rigid Restraint	03A	1-0-1439B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.216		File Number = OSC-459; Problem Number = 2-03a-06, Sht 3 of 4; Emergency Feedwater Sys
D02.020.031 Class C	2-03A-H2 Rigid Restraint	03A	1-0-437B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.500		File Number = OSC-450, Page No. 105; Problem Number = 2-03A-09; EFW Crossover
D02.020.035 Class C	2-03A-H27 Rigid Restraint	03A	1-0-1400A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.500		File Number = OSC-450, Page No. 105; Problem Number = 2-03A-09; EFW Crossover
D02.020.037 Class C	2-03A-H29 Rigid Restraint	03A	1-0-1400A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.500		File Number = OSC-450, Page No. 106; Problem Number = 2-03A-09; EFW Crossover
D02.020.042 Class C	2-03A-H46 Rigid Restraint	03A	1-0-1401B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.500		File Number = OSC-449; Problem Number = 2-03A-08, Sht. 4 of 6; Emergency Feedwater Bypass Line
D02.020.043 Class C	2-03A-H5 Rigid Restraint	03A	1-0-1439C OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.375		File Number = OSC-1224-21; Problem Numbers = 2-03A-14, Shts. 1 of 3 & 2of 3; Aux Service Water Pipe

CATEGORY D-B, Systems In Support Of ECC, CHR, Atmos. Cleanup, And Reactor RHR

[redacted]Integral Attachment

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.045	2-03A-H7		1-0-1439C	QAL-14	VT-3	NA	6.000		File Number = OSC-459; Problem Number =
	Rigid Restraint	03A	OFD-121D-2.1				0.312		2-03a-06, Sht 3 of 4; Emergency Feedwater Sys
Class C									
D02.020.047	2-03A-H8		1-0-1439B	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 105; Problem
	Rigid Restraint	03A	OFD-121D-2.1				0.500		Number = 2-03A-09; EFW Crossover
Class C									
D02.020.054	2-03A-R63		1-0-1439A	QAL-14	VT-3	NA	6.000		File Number = OSC-447,Page No. 110; Problem
	Rigid Restraint	03A	OFD-121D-2.1				1.000		Number = 2-03A-05; EFW to Main Feedwater Line
Class C									
D02.020.055	2-03A-R64		1-0-1439A	QAL-14	VT-3	NA	6.000		File Number = OSC-447,Page No. 110; Problem
	Rigid Restraint	03A	OFD-121D-2.1				1.000		Number = 2-03A-05; EFW to Main Feedwater Line
Class C									
D02.020.058	2-03A-SR1		1-0-437B	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 105; Problem
	Rigid Restraint	03A	OFD-121D-2.1				0.500		Number = 2-03A-09; EFW CROSSOVER
Class C									
D02.020.059	2-03A-SR10		1-0-1437A	QAL-14	VT-3	NA	6.000		File Number = OSC-449; Problem Number =
	Rigid Restraint	03A	OFD-121D-2.1				0.500		2-03A-08, Sht 3 of 6; Emergency Feedwater Bypass
Class C									Line
D02.020.062	2-03A-SR13		1-0-1437A	QAL-14	VT-3	NA	6.000		File Number = OSC-449; Problem Number =
	Rigid Restraint	03A	OFD-121D-2.1				1.000		2-03A-08, Sht. 4 of 6; Emergency Feedwater
Class C									Bypass Line
D02.020.069	2-03A-SR21		1-0-400B	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 107; Problem
	Rigid Restraint	03A	OFD-121D-2.1				0.500		Number = 2-03A-09; EFW Crossover
Class C									
D02.020.070	2-03A-SR22		1-0-1401A	QAL-14	VT-3	NA	6.000		File Number = OSC-457; Problem Number =
	Rigid Restraint	03A	OFD-121D-2.1				1.000		2-03A-04 Sht. 1 of 4; Emergengy Feedwater Bypass
Class C					Sway Strut to				Line.

CATEGORY D-B, Systems In Support Of ECC, CHR, Atmos. Cleanup, And Reactor RHR

[redacted]Integral Attachment

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.072 Class C	2-03A-SR25 Rigid Restraint	03A	1-0-1401A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 1.000		File Number = OSC-457; Problem Number = 2-03A-04 Sht. 1 of 4; Emergengy Feedwater Bypass Line.
D02.020.073 Class C	2-03A-SR25 Rigid Restraint	03A	1-0-1400B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.500		File Number = OSC-449; Problem Number = 2-03A-08, Sht. 5 of 6; Emergency Feedwater Bypass Line
D02.020.080 Class C	2-03A-SR30 Rigid Restraint	03A	1-0-1400A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.216		File Number = OSC-449; Problem Number = 2-03A-08, Sht. 5 of 6; Emergency Feedwater Bypass Line
D02.020.081 Class C	2-03A-SR31 Rigid Restraint	03A	1-0-1400A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.125		File Number = OSC-451, Page No. 85; Problem Number = 2-03A-10; Sys 03A
D02.020.087 Class C	2-03A-SR35 Rigid Restraint	03A	1-0-1439B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.500		File Number = OSC-459; Problem Number = 2-03A-06, Sht. 2 of 4; Emergengy Feedwater Sys
D02.020.088 Class C	2-03A-SR35 Rigid Restraint	03A	1-0-1400B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.500		File Number = OSC-451, Page No. 83; Problem Number = 2-03A-10; Sys 03A
D02.020.089 Class C	2-03A-SR36 Rigid Restraint	03A	1-0-1400B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 1.000		File Number = OSC-451, Page No. 83; Problem Number = 2-03A-10; Sys 03A
D02.020.090 Class C	2-03A-SR37 Rigid Restraint	03A	1-0-1400B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.500		File Number = OSC-451, Page No. 83; Problem Number = 2-03A-10; Sys 03A
D02.020.096 Class C	2-03A-SR5 Rigid Restraint	03A	1-0-1401B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 1.000		File Number = OSC-447, Page No. 111; Problem Number = 2-03A-05; EFW to Main Feedwater Line

CATEGORY D-B, Systems In Support Of ECC, CHR, Atmos. Cleanup, And Reactor RHR

Integral Attachment

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.099	2-03A-SR6		1-0-1439C	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 104.1; Problem Number 2-03A-09; EFW Crossover
	Rigid Restraint	03A	OFD-121D-2.1				1.000		
Class C									
D02.020.102	2-03A-SR9		1-0-1439B	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 105; Problem Number = 2-03A-09; EFW Crossover
	Rigid Restraint	03A	OFD-121D-2.1				0.125		
Class C									
D02.020.104	2-07A-R43		6-0-1402A	QAL-14	VT-3	NA	30.000		FILE NO. OSC-467, PROBLEM NO. 2-07-01, PG 108. UPPER SURGE TANK TO CONDENSER SYSTEM 07A.
	Rigid Restraint	07A	OFD-121A-2.7				0.237		
Class C									
D02.020.109	2-14B-ASR3		0-438C	QAL-14	VT-3	NA	6.000		FILE NO. OSC-394, PROBLEM NO. 4-14-3, SHT 8 OF 9. AUX. SERVICE WATER PIPE.
	Rigid Restraint	14B	OFD-121D-1.2				0.750		
Class C									
D02.020.116	2-14B-DE154		0-1439B	QAL-14	VT-3	NA	8.000		FILE NO. OSC-475 PROBLEM NO. 2-14-6 SHT.2OF3 LPSWATER
	Rigid Restraint	14B	OFD-124B-2.2				0.187		
Class C									
D02.020.130	2-14B-RJP-3101		0-1439B	QAL-14	VT-3	NA	8.000		FILE NO. OSC-475 PROBLEM NO. 2-14-6 SHT.2OF3 LPSWATER
	Rigid Restraint	14B	OFD-124B-2.2				0.187		
Class C									
D02.020.136	2-14B-SR4		0-438C	QAL-14	VT-3	NA	6.000		FILE NO. OSC-394, PROBLEM NO. 4-14-3, SHT 8 OF 9. AUX. SERVICE WATER PIPE.
	Rigid Restraint	14B	OFD-121D-1.2				1.000		
Class C									
D02.020.143	2-14B-SR6		0-438C	QAL-14	VT-3	NA	6.000		FILE NO. OSC-394, PROBLEM NO. 4-14-3, SHT 8 OF 9. AUX. SERVICE WATER PIPE.
	Rigid Restraint	14B	OFD-121D-1.2				1.000		
Class C									

Total D02.020 Items: 34

CATEGORY D-B, Systems In Support Of ECC, CHR, Atmos. Cleanup, And Reactor RHR

Integral Attachment

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

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Mechanical and Hydraulic Snubbers ******									
D02.030.002	2-03-R12		0-1401A	QAL-14	VT-3	NA	24.000		FILE NO. OS-454, PROBLEM NO. 2-03-01, PG 44.
	Mech Snubber	03	OFD-121B-2.3				1.000		INSPECT WITH ITEM NO. F01.050.001
Class C									

Total D02.030 Items: 1

CATEGORY D-B, Systems In Support Of ECC, CHR, Atmos. Cleanup, And Reactor RHR

Integral Attachment

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
****** Spring Type Supports ******									
D02.040.002	2-03-H48		0-551	QAL-14	VT-3	NA	24.000		FILE NO. OS-454, PROBLEM NO. 2-03-01, PG 44.
	Spring Hgr	03	OFD-121B-2.3				0.322		
Class C									
D02.040.003	2-03-H50		0-551	QAL-14	VT-3	NA	24.000		FILE NO. OS-454, PROBLEM NO. 2-03-01, PG 44.
	Spring Hgr	03	OFD-121B-2.3				0.500		
Class C									
D02.040.005	2-03-H59		0-551	QAL-14	VT-3	NA	24.000		FILE NO. OS-454, PROBLEM NO. 2-03-01, PG 44.
	Spring Hgr	03	OFD-121B-2.3				2.500		
Class C									
D02.040.008	2-03A-H1		1-0-437B	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 105; Problem Number = 2-03A-09; EFW Crossover
	Spring Hgr	03A	OFD-121D-2.1				0.125		
Class C									
D02.040.009	2-03A-H17		1-0-1439A	QAL-14	VT-3	NA	6.000		File Number = OSC-449; Problem Number = 2-03A-08, Sht 3 of 6; Emergency Feedwater Bypass Line
	Spring Hgr	03A	OFD-121D-2.1				0.625		
Class C									

Total D02.040 Items: 5

Total D02 Items: 40

CATEGORY F-A, Supports (Category A)

Class 1 Mech. Conn. to Press. Retaining Comp. & Bld. Structure

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.002	2-51A-H16A		0-1479A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.3OF5 PROBLEM NO.2-53-15
	Rigid Restraint	51A	OFD-101A-2.4				0.500		HPI SYSTEM EAST COOLANT LOOP
Class A									
Total F01.010 Items:	**1**								
F01.011.002	2-51A-H1C		0-1478A	QAL-14	VT-3	NA	2.500		File Number = OSC-1660-06, Page 84.1;Problem Number = 2-51-12; RC Pump Piping to HP Injection Letdown Coolers
	Rigid Restraint	51A	OFD-101A-2.1				0.154		
Class A									
F01.011.004	2-53-H4		0-1478A	QAL-14	VT-3	NA	12.000		FILE NO. OSC-1320-06, PROBLEM NO. 2-53-10, PAGE 83. DECAY HEAT REMOVAL SYSTEM.
	Rigid Restraint	53	OFD-102A-2.1				0.258		
Class A									
Total F01.011 Items:	**2**								
F01.012.001	2-50-H11		0-1480A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1OF2 PROBLEM NO.2-53-14
	Hyd Snubber	50	OFD-100A-2.2				0.000		PZR SPRAY SYSTEM. INSPECT WITH ITEM NO. F01.050.019
Class A									
F01.012.005	2-51A-H2C		0-1478A	QAL-14	VT-3	NA	2.500		File Number = OSC-1660-06, Page 84.1;Problem Number = 2-51-12; RC Pump Piping to HP Injection Letdown Coolers
	Spring Hgr	51A	OFD-101A-2.1				0.000		
Class A									
Total F01.012 Items:	**2**								

CATEGORY F-A, Supports (Category A)

Class 2 Weld Connections to Building Structure

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.001	2-01A-H14		0-1441	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Rigid Restraint	01A	OFD-122A-2.1				0.750		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.020.006	2-03A-R61		1-0-1439A	QAL-14	VT-3	NA	6.000		File Number = OSC-447, Page No. 107; Problem
	Rigid Restraint	03A	OFD-121D-2.1				0.000		Number = 2-03A-05;
Class B									
F01.020.010	2-14B-JG-1901		0-438B	QAL-14	VT-3	NA	6.000		FILE NO. 0S-394, PROBLEM NO. 4-14-3, SHT 3
	Rigid Restraint	14B	OFD-121D-1.2				0.000		OF 9.
Class B									
F01.020.014	2-51A-H16		2-0-1439C	QAL-14	VT-3	NA	4.000		FILE NO. OSC-1023
	Rigid Restraint	51A	OFD-101A-2.4				0.000		PROBLEM NO.2-51-18 PAGE 51.1
Class B					SWAY STRUT to				HPI SYSTEM CROSSOVER LINE
F01.020.025	2-53B-DE064		1-0-1436A	QAL-14	VT-3	NA	10.000		FILE NO. OS-493, PROBLEM NO. 2-53-2, SHT 2
	Rigid Restraint	53B	OFD-102A-2.2				0.000		OF 4. FROM L. P. PUMPS "2A" & "2C" TO R. B. &
Class B									BORATED WATER STORAGE TANK SYSTEM "53A" & "53B".
F01.020.028	2-53B-H3		2-0-436E	QAL-14	VT-3	NA	14.000		FILE NO. OS-487, PROBLEM NO. 2-53-01, SHT 2
	Rigid Restraint	53B	OFD-102A-2.1				0.280		OF 5. LPI TO DECAY HEAT REMOVAL SYSTEM
Class B									53B.
F01.020.032	2-53B-H9		2-0-436E	QAL-14	VT-3	NA	6.000		File Number = OSC-481,Page 143; Problem
	Rigid Restraint	53B	OFD-101A-2.3				0.125		Number = 51-2
Class B									
F01.020.040	2-54A-R42		3-0-1439B	QAL-14	VT-3	NA	8.000		FILE NO. OS-496, PROBLEM NO. 2-54-03 SHT 1
	Rigid Restraint	54A	OFD-103A-2.1				0.000		OF 2. SYSTEM 54A.
Class B									

CATEGORY F-A, Supports (Category A)

Class 2 Weld Connections to Building Structure

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.042	2-56-SR15		2-0-438C	QAL-14	VT-3	NA	8.000		Calculaton No. OS-421
	Rigid Restraint	56	OFD-104A-1.1				0.000		Page 97; Problem No.4-56-02
Class B									Spent Fuel Cooling System 56
F01.020.048	2-51A-FAC-2802		436E	QAL-14	VT-3	NA	2.000		Calc# OSC-479, Page 55.1
	Rigid Restraint	51B	OFD-101A-2.2				0.750		Problem# 2-51-01, sht. 6 of 6
Class B									
Total F01.020 Items:	**10**								
F01.021.001	2-03-H11A		0-1481A	QAL-14	VT-3	NA	24.000		MAIN FEEDWATER WEST GEN. 2B, DWG NO.
	Rigid Restraint	03	OFD-121B-2.3				0.500		O-1490 B-4.
Class B									
F01.021.007	2-14B-H17E		0-1479A	QAL-14	VT-3	NA	8.000		FILE NO. OSC-1325-09
	Rigid Restraint	14B	OFD-124B-2.2				0.000		PROBLEM NO. 2-14-10 sht.1 of 10
Class B									REACTOR BLDG. VENTILATION
F01.021.018	2-51A-SR160		3-0-1439A	QAL-14	VT-3	NA	2.500		File Number = OSC-480, Page 39; Problem Number
	Rigid Restraint	51A	OFD-101A-2.1				0.000		= 2-51-3; Letdown Cooler Discharge
Class B									
F01.021.022	2-53B-DE049		0-435B	QAL-14	VT-3	NA	14.000		FILE NO. OS-487, PROBLEM NO. 2-53-01, SHT 1
	Rigid Restraint	53B	OFD-102A-2.2				0.500		OF 5. L. P. INJECTION & DECAY HEAT
Class B									REMOVAL SYSTEM 53B.
Total F01.021 Items:	**4**								
F01.022.006	2-01A-R7		3-0-1401B	QAL-14	VT-3	NA	12.000		FILE NO. OSC-443
	Hyd Snubber	01A	OFD-122A-2.1				0.000		PROBLEM NO. 2-01-04 PAGE 23
Class B									MAIN STEAM PIPING. INSPECT WITH ITEM NO. F01.050.053

CATEGORY F-A, Supports (Category C)

Class 2 Weld Connections to Building Structure

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.022.009	2-03A-H6273		0-1490C	QAL-14	VT-3	NA	6.000		FILE NO. OSC-1224-17, PROBLEM NO. 2-03A-13, SHT 1 OF 5.
	Spring Hgr	03A	OFD-121B-2.3				0.000		
Class B									
F01.022.015	2-53B-H15		2-0-435B	QAL-14	VT-3	NA	12.000		FILE NO. OS-487, PROBLEM NO. 2-53-01, SHT 3 OF 5. LPI TO DECAY HEAT REMOVAL SYSTEM 53B.
	Spring Hgr	53B	OFD-102A-2.1				0.187		
Class B									
F01.022.023	2-57-H7		0-1481A	QAL-14	VT-3	NA	8.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM NO.2-57-01 PZR RELIEF VLV SYSTEM. INSPECT WITH ITEM NO. F01.050.036
	Hyd Snubber	57	OFD-100A-2.2				0.000		
Class B									
F01.022.025	2-51A-H70		3-0-437B	QAL-14	VT-3	NA	4.000		Calc# OSC-479, Page 53 Problem# 2-51-01, sht. 4 of 6
	Spring Hgr	51B	OFD-101A-2.1				0.375		
Class B									

Total F01.022 Items: 5

CATEGORY F-A, Supports (Category A)

Class 3 Weld/Mech Conns at Inter Joints in Multiconn Int & Nonint Supp

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.015 Class C	2-03A-H30 Rigid Restraint	03A	1-0-1439A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.000		File Number = OSC-447,Page No. 110; Problem Number = 2-03A-05; EFW to Main Feedwater Line
F01.030.017 Class C	2-03A-H5 Rigid Restraint	03A	1-0-1437A OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.125		File Number = OSC-450, Page No. 105; Problem Number = 2-03A-09; EFW Crossover
F01.030.022 Class C	2-07A-DE002 Rigid Restraint	07A	0-1400A OFD-121A-2.7	QAL-14	VT-3	NA	24.000 0.000		FILE NO. OSC-467, PROBLEM NO. 2-07-01, PG 108. UPPER SURGE TANK TO CONDENSER SYSTEM 07A.
F01.030.023 Class C	2-07A-DE022 Rigid Restraint	07A	0-1400A OFD-121A-2.8	QAL-14	VT-3	NA	8.000 0.000		FILE NO. OSC-466, PROBLEM NO. 2-07-02, SHTS. 1 OF 3, & 3 OF 3. SYSTEM 07A.
F01.030.027 Class C	2-07A-SR7 Rigid Restraint	07A	0-1400A OFD-121A-2.7	QAL-14	VT-3	NA	8.000 0.000		FILE NO. OSC-466, PROBLEM NO. 2-07-02, PG 47. LP & HP CONDENSATE SYSTEM 07A.
F01.030.029 Class C	2-03A-H6 Rigid Restraint	03A	1-0-1439C OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.000		File Number = OSC-450, Page No. 104.1; Problem Number 2-03A-09; EFW Crossover
F01.030.034 Class C	2-14B-RJP-3101 Rigid Restraint	14B	0-1439B OFD-124B-2.2	QAL-14	VT-3	NA	8.000 0.187		FILE NO. OSC-475 PROBLEM NO. 2-14-6 SHT.2OF3 LPSWATER
Total F01.030 Items:	**7**								
F01.031.003 Class C	0-14-H7027 Rigid Restraint	13	0-447B OFD-133A-2.5	QAL-14	VT-3	NA	6.000 0.000		FILE NO. OSC-1224-26 PROBLEM NO. 4-14-12 SHT.1OF5 AUX.SWP DISCHARGE

CATEGORY F-A, Supports (Category B)

Class 3 Weld/Mech Conns at Inter Joints In Multiconn Int & Nonint Supp

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.031.006	2-03A-H2		1-0-437B	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 105; Problem Number = 2-03A-09; EFW Crossover
	Rigid Restraint	03A	OFD-121D-2.1				0.500		
Class C									
F01.031.014	2-03A-SR5		1-0-1401B	QAL-14	VT-3	NA	6.000		File Number = OSC-447, Page No. 111; Problem Number = 2-03A-05; EFW to Main Feedwater Line
	Rigid Restraint	03A	OFD-121D-2.1				1.000		
Class C									
F01.031.019	2-14B-H5184		0-1439C	QAL-14	VT-3	NA	6.000		FILE NO. OSC-394, PROBLEM NO. 4-14-3, SHT 8 OF 9. AUX. SERVICE WATER PIPE.
	Rigid Restraint	14B	OFD-121D-1.2				0.000		
Class C									
F01.031.024	2-14B-JEJ-2002		2-1400A	QAL-14	VT-3	NA	18.000		File No. OSC-474, Page 87.1 Problem No. 2-14-4,sht 2 of3 Low Pressure Service Water
	Rigid Restraint	14B	OFD-124B-2.1				0.000		
Class C									

Total F01.031 Items: 5

F01.032.003	2-03A-H1		1-0-437B	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 105; Problem Number = 2-03A-09; EFW Crossover
	Spring Hgr	03A	OFD-121D-2.1				0.125		
Class C									
F01.032.006	2-07A-JLM-2102		0-1400A	QAL-14	VT-3	NA	24.000		FILE NO. OSC-467, PROBLEM NO. 2-07-01, PG 108. UPPER SURGE TANK TO CONDENSER SYSTEM 07A.
	Spring Hgr	07A	OFD-121A-2.7				0.000		
Class C									

Total F01.032 Items: 2

CATEGORY F-A, Supports

Clearances of Guides & Stops, Align of Supps, Assembly of Supp Items

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.040.001	2-RPV-WR36		ISI-OCN2-001	QAL-14	VT-3	CS	175.510		Reactor Vessel Support Skirt. Class A
		50	OM-1201-3				2.000		
Class A					Skirt to Transition Piece				
F01.040.002	2-SGB-SKIRT		ISI-OCN2-004	QAL-14	VT-3	CS	135.000		Steam Generator 2B Support Skirt. Class A
		50	OM-1201-450				0.000		
Class A					Ring to Lower Head				
F01.040.016	2-RBCC-A		OM-2201-278	QAL-14	VT-3	NA	0.000		Reactor Building Component Cooler "A" Support A and B. Class C
			OFD-124B-2.1				0.000		
Class C									
F01.040.020	2-DEJW-HEAT-EXCH		OM-351-164	QAL-14	VT-3	NA	0.000		Diesel Engine A Jacket Water Heat Exchanger Support (Drawings are in a manual) Class C
			OFD-133A-2.5				0.000		
Class C									
F01.040.025	2-HPI-PUMP-A-SUPP		OM-1201-1121	QAL-14	VT-3	NA	0.000		Support for HPI Pump 2A
		51A	OFD-101A-2.3				0.000		
Class B									

Total F01.040 Items: 5

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.001	2-03-R12		0-1401A	QAL-14	VT-3	NA	24.000		FILE NO. OS-454, PROBLEM NO. 2-03-01, PG 44.
	Mech Snubber	03	OFD-121B-2.3				1.000		
Class C									
F01.050.002	2-03-R7		0-1401A	QAL-14	VT-3	NA	24.000		FILE NO. OS-454, PROBLEM NO. 2-03-01, PG 44.
	Mech Snubber	03	OFD-121B-2.3				1.000		
Class C									
F01.050.003	2-03-H4087		0-1401A	QAL-14	VT-3	NA	24.000		FILE NO. OS-454, PROBLEM NO. 2-03-01, PG 44.
	Mech Snubber	03	OFD-121B-2.3				0.000		
Class C									
F01.050.004	2-01A-R14		0-1401B	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.000		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.005	2-01A-R15		0-1401B	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.000		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.006	2-01A-R16		0-1401B	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.000		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.007	2-01A-R2-1		0-1441	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.688		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.008	2-01A-R2-2		0-1441	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.688		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.009	2-01A-R9-2		0-1441	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.688		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.010	2-01A-R9-3		0-1441	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.688		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.011	2-01A-R9-4		0-1441	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.688		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.012	2-53-H3		0-1478A	QAL-14	VT-3	NA	12.000		FILE NO. OSC-1320-06, PROBLEM NO. 2-53-10,
	Hyd Snubber	53	OFD-102A-2.1				0.280		PAGE 83. DECAY HEAT REMOVAL SYSTEM.
Class A									
F01.050.013	2-50-H12		0-1479A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1OF2 PROBLEM
	Hyd Snubber	50	OFD-100A-2.2				0.000		NO.2-53-14
Class A									PZR SPRAY SYSTEM
F01.050.014	2-51A-H2A		0-1479A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.4OF5 PROBLEM
	Hyd Snubber	51A	OFD-101A-2.4				0.154		NO.2-53-15
Class A									HPI SYSTEM EAST COOLANT LOOP
F01.050.015	2-03-H6B		0-1480A	QAL-14	VT-3	NA	20.000		MAIN FEEDWATER EAST GEN. 2A, DWG NO.
	Hyd Snubber	03	OFD-121B-2.3				0.000		0-1490 B-2.
Class B									
F01.050.016	2-03-H7A		0-1480A	QAL-14	VT-3	NA	24.000		MAIN FEEDWATER WEST GEN. 2B, DWG NO.
	Hyd Snubber	03	OFD-121B-2.3				0.237		O-1490 B-4.
Class B									
F01.050.017	2-03A-H1B		0-1480A	QAL-14	VT-3	NA	6.000		File Number = OSC-1224-17, Page 49; Problem
	Hyd Snubber	03A	OFD-121D-2.1				0.237		Number 2-03A-13; Aux Service Water Piping.
Class C									

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.018	2-50-H10		0-1480A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1OF2 PROBLEM
	Hyd Snubber	50	OFD-100A-2.2				0.000		NO.2-53-14
Class A									PZR SPRAY SYSTEM
F01.050.019	2-50-H11		0-1480A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1 OF 2 PROBLEM
	Hyd Snubber	50	OFD-100A-2.2				0.000		NO.2-53-14
Class A									PZR SPRAY SYSTEM.
F01.050.020	2-50-H8		0-1480A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1 OF 2 PROBLEM
	Hyd Snubber	50	OFD-100A-2.2				0.000		NO.2-53-14
Class A									PZR SPRAY SYSTEM.
F01.050.021	2-50-H9		0-1480A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1OF2 PROBLEM
	Hyd Snubber	50	OFD-100A-2.2				0.000		NO.2-53-14
Class A									PZR SPRAY SYSTEM
F01.050.022	2-01A-H2A		0-1481A	QAL-14	VT-3	NA	24.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.322		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.023	2-01A-H2B		0-1481B	QAL-14	VT-3	NA	24.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.322		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING.
F01.050.024	2-01A-H8A		0-1481A	QAL-14	VT-3	NA	24.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.322		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.025	2-01A-H8B		0-1481A	QAL-14	VT-3	NA	24.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.322		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.026	2-50-H1		0-1481A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1OF2 PROBLEM
	Hyd Snubber	50	OFD-100A-2.2				0.000		NO.2-53-14
Class A									PZR SPRAY SYSTEM

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.027	2-50-H3		0-1481A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1 OF 2 PROBLEM
	Hyd Snubber	50	OFD-100A-2.2				0.154		NO.2-53-14
Class A									PZR SPRAY SYSTEM.
F01.050.028	2-50-H7		0-1481A	QAL-14	VT-3	NA	2.500		FILE NO. OSC-1324-06 SHT.1OF2 PROBLEM
	Hyd Snubber	50	OFD-100A-2.2				0.500		NO.2-53-14
Class A									PZR SPRAY SYSTEM
F01.050.029	2-57-H15		0-1481A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM
	Hyd Snubber	57	OFD-100A-2.2				0.000		NO.2-57-01
Class B									PZR RELIEF VLV SYSTEM
F01.050.030	2-57-H16		0-1481A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM
	Hyd Snubber	57	OFD-100A-2.2				0.000		NO.2-57-01
Class B									PZR RELIEF VLV SYSTEM.
F01.050.031	2-57-H17		0-1481A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM
	Hyd Snubber	57	OFD-100A-2.2				0.000		NO.2-57-01
Class B									PZR RELIEF VLV SYSTEM
F01.050.032	2-57-H20		0-1481A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM
	Hyd Snubber	57	OFD-100A-2.2				0.000		NO.2-57-01
Class B									PZR RELIEF VLV SYSTEM
F01.050.033	2-57-H21		0-1481A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM
	Hyd Snubber	57	OFD-100A-2.2				0.000		NO.2-57-01
Class B									PZR RELIEF VLV SYSTEM
F01.050.034	2-57-H23		0-1481A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM
	Hyd Snubber	57	OFD-100A-2.2				0.000		NO.2-57-01
Class B									PZR RELIEF VLV SYSTEM
F01.050.035	2-57-H25		0-1481A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM
	Hyd Snubber	57	OFD-100A-2.2				0.000		NO.2-57-01
Class B									PZR RELIEF VLV SYSTEM

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.036	2-57-H7		0-1481A	QAL-14	VT-3	NA	8.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM NO.2-57-01 PZR RELIEF VLV SYSTEM.
	Hyd Snubber	57	OFD-100A-2.2				0.000		
Class B									
F01.050.037	2-57-H9		0-1481A	QAL-14	VT-3	NA	8.000		FILE NO. OSC-1332-06 PAGE 14.1 PROBLEM NO.2-57-01 PZR RELIEF VLV SYSTEM
	Hyd Snubber	57	OFD-100A-2.2				0.216		
Class B									
F01.050.039	2-50-H1A		0-1479A	QAL-14	VT-3	NA	10.000		PZR Surge Line.
	Hyd Snubber	50	OFD-100A-2.1				0.000		
Class A			0-2491B-2A						
F01.050.040	2-50-H2A		0-1479A	QAL-14	VT-3	NA	10.000		PZR Surge Line.
	Hyd Snubber	50	OFD-100A-2.1				0.000		
Class A			0-2491B-2A						
F01.050.041	2-50-H3A		0-1479A	QAL-14	VT-3	NA	10.000		PZR Surge Line.
	Hyd Snubber	50	OFD-100A-2.1				0.000		
Class A			0-2491B-2A						
F01.050.042	2-03A-SR102		1-0-1400A	QAL-14	VT-3	NA	6.000		File Number = OSC-450, Page No. 106; Problem Number = 2-03A-09; EFW Crossover
	Hyd Snubber	03A	OFD-121D-2.1				0.000		
Class C									
F01.050.043	2-03A-SR103		1-0-1400A	QAL-14	VT-3	NA	6.000		File Number = OSC-451, Page No. 85; Problem Number = 2-03A-10; Sys 03A
	Hyd Snubber	03A	OFD-121D-2.1				0.000		
Class C									
F01.050.044	2-03A-SR104		1-0-1400A	QAL-14	VT-3	NA	6.000		File Number = OSC-451, Page No. 84A; Problem Number = 2-03A-10; Sys 03A
	Hyd Snubber	03A	OFD-121D-2.1				0.000		
Class C									
F01.050.045	2-03A-SR100		1-0-1400B	QAL-14	VT-3	NA	6.000		File Number = OSC-449; Problem Number = 2-03A-08, Sht. 5 of 6; Emergency Feedwater Bypass Line.
	Hyd Snubber	03A	OFD-121D-2.1				0.203		
Class C									

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.046 Class C	2-03A-SR101PO Hyd Snubber	03A	1-0-1401B OFD-121D-2.1	QAL-14	VT-3	NA	6.000 0.000		File Number = OSC-449; Problem Number = 2-03A-08, Sht. 4 of 6; Emergency Feedwater Bypass Line.
F01.050.047 Class B	2-51A-SR150 Hyd Snubber	51A	1-0-1444 OFD-101A-2.4	QAL-14	VT-3	NA	4.000 0.000		FILE NO. OSC-1023 PAGE 52.1 PROBLEM NO.2-51-18 HPI SYSTEM CROSSOVER LINE
F01.050.049 Class B	2-01A-H43 Hyd Snubber	01A	1-1-0-1401B OFD-122A-2.2	QAL-14	VT-3	NA	12.000 0.000		FILE NO. OSC-442 PROBLEM NO. 2-01-02 SHT2OF5 MAIN STEAM BYPASS TO CONDENSER
F01.050.050 Class B	2-01A-H44 Hyd Snubber	01A	1-1-0-1401B OFD-122A-2.2	QAL-14	VT-3	NA	12.000 0.000		FILE NO. OSC-442 PROBLEM NO. 2-01-02 SHT2OF5 MAIN STEAM BYPASS TO CONDENSER
F01.050.051 Class B	2-53B-SR100 Hyd Snubber	53B	2-0-435B OFD-102A-2.1	QAL-14	VT-3	NA	14.000 0.000		FILE NO. OS-487, PROBLEM NO. 2-53-01, SHT 1 OF 5. LPI TO DECAY HEAT REMOVAL SYSTEM 53B.
F01.050.052 Class B	2-53B-SR1000 Hyd Snubber	53B	2-0-436E OFD-102A-2.1	QAL-14	VT-3	NA	14.000 0.000		FILE NO. OSC-481, PROBLEM NO. 51-2, SHT 4 OF 6. HPI PUMP SUCT. HEADER W/BRANCHES FROM B.W.S. TANK, L.S. TANK AND L.P. COOLERS "2A" & "2B".
F01.050.053 Class B	2-01A-R7 Hyd Snubber	01A	3-0-1401B OFD-122A-2.1	QAL-14	VT-3	NA	12.000 0.000		FILE NO. OSC-443 PROBLEM NO. 2-01-04 PAGE 23 MAIN STEAM PIPING.
F01.050.054 Class B	2-54A-R16 Hyd Snubber	54A	3-0-1439A OFD-103A-2.1	QAL-14	VT-3	NA	8.000 0.000		FILE NO. OS-496, PROBLEM NO. 2-54-03, SHT 2 OF 2. SYSTEM 54A.
F01.050.055 Class B	2-54A-R101 Hyd Snubber	54A	3-0-435B OFD-103A-2.1	QAL-14	VT-3	NA	8.000 0.000		FILE NO. OS-494, PROBLEM NO. 2-54-1, SHT 1 OF 1. REACTOR BUILDING SPRAY LINE "2A".

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.056	2-54A-R2B		3-0-435B	QAL-14	VT-3	NA	8.000		FILE NO. OS-495, PROBLEM NO. 2-54-02, SHT 1 OF 1. REACTOR BUILDING SPRAY LINE "2B".
	Hyd Snubber	54A	OFD-103A-2.1				1.000		
Class B									
F01.050.057	2-01A-R17		4-0-1403D	QAL-14	VT-3	NA	6.000		FILE NO. OSC-445, PROBLEM NO. 2-01-6, SHT 1 OF 4. STEAM SUPPLY TO EFWP.
	Hyd Snubber	01A	OFD-122A-2.4				0.000		
Class C									
F01.050.058	2-01A-R18		4-0-1403D	QAL-14	VT-3	NA	6.000		FILE NO. OSC-445, PROBLEM NO. 2-01-6, SHT 1 OF 4. STEAM SUPPLY TO EFWP.
	Hyd Snubber	01A	OFD-122A-2.4				0.000		
Class C									
F01.050.061	2-01A-R6		4-1-0-1403D	QAL-14	VT-3	NA	6.000		FILE NO. OSC-445, PROBLEM NO. 2-01-6, SHT 1 OF 4. STEAM SUPPLY TO EFWP.
	Hyd Snubber	01A	OFD-122A-2.4				0.000		
Class C									
F01.050.062	2-01A-R2		4-2-0-1403C	QAL-14	VT-3	NA	6.000		FILE NO. OSC-445, PROBLEM NO. 2-01-6, SHT 2 OF 4.
	Hyd Snubber	01A	OFD-122A-2.4				0.000		
Class C									
F01.050.063	2-53B-SR1000		5-0-435B	QAL-14	VT-3	NA	10.000		FILE NO. OS-493, PROBLEM NO. 2-53-2, SHT 1 OF 4. FROM L. P. PUMPS "2A" & "2C" TO R. B. & BORATED WATER STORAGE TANK SYSTEM "53A" & "53B".
	Hyd Snubber	53B	OFD-102A-2.2				0.000		
Class B									
F01.050.064	2-13-SR1		7-0-1400A	QAL-14	VT-3	NA	12.000		File Number = OS-471;Problem Number = 13-7, Sht. 1of 1; Emergengy Cooling Water Discharge
	Hyd Snubber	13	OFD-133A-2.2				0.000		
Class C									
F01.050.065	2-13-SR4		7-0-1400B	QAL-14	VT-3	NA	30.000		File Number = OS-471;Problem Number = 13-7, SHt. 1of 1; Emergengy Cooling Water Discharge
	Hyd Snubber	13	OFD-133A-2.2				0.000		
Class C									
F01.050.066	2-07A-DE039		0-1400A	QAL-14	VT-3	NA	24.000		FILE NO. OSC-467, PROBLEM NO. 2-07-01, PG 108. UPPER SURGE TANK TO CONDENSER SYSTEM 07A.
	Mech Snubber	07A	OFD-121A-2.7				0.000		
Class C									

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.067	2-03-R13		0-1401A	QAL-14	VT-3	NA	24.000		FILE NO. OS-454, PROBLEM NO. 2-03-01, PG 44.
	Mech Snubber	03	OFD-121B-2.3				0.000		
Class C									
F01.050.068	2-03A-DE034		0-1401A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-447, PROBLEM NO. 2-03A-05, SHT 4 OF 7.
	Mech Snubber	03A	OFD-121B-2.3				0.000		
Class C									
F01.050.069	2-03A-H4088		0-1401A	QAL-14	VT-3	NA	6.000		File Number = OS-459; Problem Number = 2-03A-06 Sht. 1 of 4; Emergency Feedwater
	Mech Snubber	03A	OFD-121D-2.1				0.000		
Class C									
F01.050.072	2-01A-R6		0-1401B	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440 PROBLEM NO. 2-01-01 PAGE 40 MAIN STEAM PIPING.
	Mech Snubber	01A	OFD-122A-2.1				1.000		
Class B									
F01.050.073	2-01A-DE076		0-1403D	QAL-14	VT-3	NA	6.000		FILE NO. OSC-445, PROBLEM NO. 2-01-6, SHT 1 OF 4. STEAM SUPPLY TO EFWP.
	Hyd Snubber	01A	OFD-122A-2.4				0.000		
Class C									
F01.050.074	2-01A-DE077		0-1403D	QAL-14	VT-3	NA	6.000		FILE NO. OSC-445, PROBLEM NO. 2-01-6, SHT 2 OF 4.
	Hyd Snubber	01A	OFD-122A-2.4				0.000		
Class C									
F01.050.075	2-51A-H184		0-1439A	QAL-14	VT-3	NA	4.000		FILE NO. OSC-1023 PAGE 48.1 PROBLEM NO.2-51-18 HPI SYSTEM CROSSOVER LINE
	Mech Snubber	51A	OFD-101A-2.4				0.000		
Class B									
F01.050.076	2-51A-H167		0-1439C	QAL-14	VT-3	NA	4.000		FILE NO. OSC-1023 PAGE 47.1 PROBLEM NO.2-51-18 HPI SYSTEM CROSSOVER LINE
	Mech Snubber	51A	OFD-101A-2.4				0.000		
Class B									
F01.050.079	2-01A-R7		0-1441	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440 PROBLEM NO. 2-01-01 PAGE 40 MAIN STEAM PIPING.
	Hyd Snubber	01A	OFD-122A-2.1				1.000		
Class B									

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.080	2-01A-R9-1		0-1441	QAL-14	VT-3	NA	36.000		FILE NO. OSC-440
	Hyd Snubber	01A	OFD-122A-2.1				0.688		PROBLEM NO. 2-01-01 PAGE 40
Class B									MAIN STEAM PIPING
F01.050.081	2-03A-NPS-H28		0-1478A	QAL-14	VT-3	NA	3.000		FILE NO. OSC-1224-17, PROBLEM NO. 2-03A-13,
	Mech Snubber	03A	OFD-121B-2.5				0.000		SHT 4 OF 5.
Class C									
F01.050.082	2-03-H6103		0-1480A	QAL-14	VT-3	NA	6.000		File Number = OSC-1224-17, Page No. 50.1;
	Mech Snubber	03	OFD-121D-2.1				0.000		Problem Number = 2-03A-13; Aux Service Water
Class B									Piping
F01.050.083	2-03A-H3A		0-1480A	QAL-14	VT-3	NA	6.000		File Number = OSC-1224-17, Page No. 50.1;
	Hyd Snubber	03A	OFD-121D-2.1				0.237		Problem Number = 2-03A-13; Aux Service Water
Class C									Piping.
F01.050.084	2-57-NWIZ		0-1480A	QAL-14	VT-3	NA	12.000		FILE NO. OSC-1332-06, PROBLEM NO. 2-57-01,
	Mech Snubber	57	OFD-107A-2.1				0.000		PG 14.1.
Class C									
F01.050.086	2-03A-H121		1-0-1400A	QAL-14	VT-3	NA	6.000		File Number = OSC-1213; Problem Number =
	Mech Snubber	03A	OFD-121D-2.1				0.000		2-03A-12, Sht. 1 of 2; Aux Feedwater Discharge
Class C									Sys.
F01.050.087	2-53B-DE063		1-0-1436A	QAL-14	VT-3	NA	10.000		FILE NO. OS-493, PROBLEM NO. 2-53-2, SHT 2
	Mech Snubber	53B	OFD-102A-2.2				0.000		OF 4. FROM L. P. PUMPS "2A" & "2C" TO R. B. &
Class B									BORATED WATER STORAGE TANK SYSTEM
									"53A" & "53B".
F01.050.088	2-53B-DE068		1-0-1439C	QAL-14	VT-3	NA	10.000		FILE NO. OS-493, PROBLEM NO. 2-53-2, SHT 3
	Mech Snubber	53B	OFD-102A-2.2				0.000		OF 4. FROM L. P. PUMPS "2A" & "2C" TO R. B. &
Class B									BORATED WATER STORAGE TANK SYSTEM
									"53A" & "53B".
F01.050.089	2-53B-DE060		1-0-435B	QAL-14	VT-3	NA	8.000		FILE NO. OS-493, PROBLEM NO. 2-53-2, SHT 1
	Mech Snubber	53B	OFD-102A-2.2				0.000		OF 4. FROM L. P. PUMPS "2A" & "2C" TO R. B. &
Class B									BORATED WATER STORAGE TANK SYSTEM
									"53A" & "53B".

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.090	2-53B-DE070		1-0-438C	QAL-14	VT-3	NA	8.000		FILE NO. OS-493, PROBLEM NO. 2-53-2, SHT 3 OF 4. FROM L. P. PUMPS "2A" & "2C" TO R. B. & BORATED WATER STORAGE TANK SYSTEM "53A" & "53B".
	Mech Snubber	53B	OFD-102A-2.1				0.000		
Class B									
F01.050.091	2-53B-DE056		2-0-436E	QAL-14	VT-3	NA	14.000		FILE NO. OSC-481, PROBLEM NO. 51-2, SHT 4 OF 6. HPI PUMP SUCT. HEADER W/BRANCHES FROM B.W.S. TANK, L.S. TANK AND L.P. COOLERS "2A" & "2B".
	Mech Snubber	53B	OFD-102A-2.1				0.000		
Class B									
F01.050.092	2-01A-R19		4-0-1403D	QAL-14	VT-3	NA	6.000		FILE NO. OSC-445, PROBLEM NO. 2-01-6, SHT 1 OF 4. STEAM SUPPLY TO EFWP.
	Mech Snubber	01A	OFD-122A-2.4				0.000		
Class C									
F01.050.093	2-01A-R27		4-2-0-1400A	QAL-14	VT-3	NA	6.000		FILE NO. OSC-445, PROBLEM NO. 2-01-6, SHT 2 OF 4.
	Hyd Snubber	01A	OFD-122A-2.4				0.237		
Class C									
F01.050.094	2-53B-DE057		5-0-435B	QAL-14	VT-3	NA	10.000		FILE NO. OS-487, PROBLEM NO. 2-53-01, SHT 3 OF 5. L. P. INJECTION & DECAY HEAT REMOVAL SYSTEM 53B.
	Mech Snubber	53B	OFD-102A-2.2				0.000		
Class B									
F01.050.095	2-07A-H60		6-0-1400A	QAL-14	VT-3	NA	20.000		FILE NO. OSC-467, PROBLEM NO. 2-07-1 SHTS. 1 OF 6, 2 OF 6, & 3 OF 6. CONDENSATE SYSTEM.
	Mech Snubber	07A	OFD-121A-2.8				0.000		
Class C									
F01.050.096	2-07A-H61		6-0-1400A	QAL-14	VT-3	NA	20.000		FILE NO. OSC-467, PROBLEM NO. 2-07-1 SHTS. 1 OF 6, 2 OF 6, & 3 OF 6. CONDENSATE SYSTEM.
	Mech Snubber	07A	OFD-121A-2.8				0.000		
Class C									
F01.050.097	2-07A-H62		6-0-1400A	QAL-14	VT-3	NA	24.000		FILE NO. OSC-467, PROBLEM NO. 2-07-1 SHTS. 1 OF 6, 2 OF 6, & 3 OF 6. CONDENSATE SYSTEM.
	Mech Snubber	07A	OFD-121A-2.8				0.000		
Class C									
F01.050.098	2-50-RCPM-2A1-SS1		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575. Inspect with F01.012.009.
	Hyd Snubber	50	OFD-100A-2.1				0.000		
Class A			OFD-100A-2.3						

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.099	2-50-RCPM-2A1-SS2		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575
Class A			OFD-100A-2.3						
F01.050.100	2-50-RCPM-2A1-SS3		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575
Class A			OFD-100A-2.3						
F01.050.101	2-50-RCPM-2A2-SS1		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575
Class A			OFD-100A-2.3						
F01.050.102	2-50-RCPM-2A2-SS2		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575.
Class A			OFD-100A-2.3						Inspect with F01.012.010.
F01.050.103	2-50-RCPM-2A2-SS3		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575
Class A			OFD-100A-2.3						
F01.050.104	2-50-RCPM-2B1-SS1		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575
Class A			OFD-100A-2.3						
F01.050.105	2-50-RCPM-2B1-SS2		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575
Class A			OFD-100A-2.3						
F01.050.106	2-50-RCPM-2B1-SS3		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575.
Class A			OFD-100A-2.3						Inspect with F01.012.011.
F01.050.107	2-50-RCPM-2B2-SS1		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump
	Hyd Snubber	50	OFD-100A-2.1				0.000		Motor Snubbers. Reference PIP 0-O96-1575
Class A			OFD-100A-2.3						

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.108	2-50-RCPM-2B2-SS2		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575. Inspect with F01.012.012.
	Hyd Snubber	50	OFD-100A-2.1				0.000		
Class A			OFD-100A-2.3						
F01.050.109	2-50-RCPM-2B2-SS3		0-1066A	QAL-14	VT-3	NA	6.000		File No. OSC-0991-01-0001, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575
	Hyd Snubber	50	OFD-100A-2.1				0.000		
Class A			OFD-100A-2.3						

Total F01.050 Items:	100
Total F01 Items:	143

CATEGORY AUG, Augmented Inspections

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

Pressurizer Surge Line

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G03.001.001	2-PSL-11		ISI-OCN2-015	NDE-35	PT	SS	1.000		Reference Section 7 Paragraph 7.1.3 of the ISI Plan - Volume 1.
	Circumferential	50	2-50-12				0.250		
Class A	Stress weld		OFD-100A-2.2		Nozzle Drain to Pipe				
G03.001.002	2-PSL-133		ISI-OCN2-015	NDE-600	UT	SS	10.750		Examine 3" band on elbow - Data Point # 133 (Calculation # OSC 1522). Reference Section 7 Paragraph 7.1.3 of ISI Plan - Volume 1.
		50	2-50-12				1.000		
Class A			OFD-100A-2.2		Elbow Base Metal to Not Applicable				
G03.001.003	2-PSL-142		ISI-OCN2-015	NDE-600	UT	SS	10.750		Examine 3" band on Elbow - Data Point # 142 (Calculation OSC 1522). Reference Section 7 Paragraph 7.1.3 of the ISI Plan - Volume 1.
		50	2-50-12				1.000		
Class A			OFD-100A-2.2		Elbow Base Metal to Not Applicable				

Total G03.001 Items: 3

Total G03 Items: 3

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G04.001.007 Class A	2HP-218-18 Circumferential	51A	2HP-218 OFD-101A-2.4	NDE-600	UT Elbow to Pipe	SS	2.500 0.375		Inspect 100% of weld &1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan - Volume 1. This weld was listed previously as 2-51A-27-73 until iso 2-51A-27 (2) was redrawn.
G04.001.010 Class A	2HP-214-13 Circumferential	51A	2HP-214 OFD-101A-2.4	NDE-600	UT Pipe to Elbow	SS	2.500 0.375		Inspect 100% of weld &1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan - Volume 1. This weld was listed previously as 2-51A-27-108 until iso 2-51A-27 (3) was redrawn.
G04.001.011 Class A	2HP-214-15 Circumferential	51A	2HP-214 OFD-101A-2.4	NDE-600	UT Pipe to Valve 2HP-488	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan - Volume 1. This weld was originally 2-51A-27-110 until it was cut out during outage 15 and remade as 2HP-214-15 also during outage 15.
G04.001.017 Class A	2HP-214-14 Circumferential	51A	2HP-214 OFD-101A-2.4	NDE-600	UT Elbow to Pipe	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was listed previously as 2-51A-27-109 until iso 2-51A-27 (3) was redrawn.
G04.001.018 Class A	2HP-216-7 Circumferential	51A	2HP-216 OFD-101A-2.4	NDE-600	UT Pipe to Elbow	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was listed previously as 2-51A-30-51 until iso 2-51A-30 was redrawn.
G04.001.019 Class A	2HP-216-8 Circumferential	51A	2HP-216 OFD-101A-2.4	NDE-600	UT Elbow to Pipe	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was listed previously as 2-51A-30-52 until iso 2-51A-30 was redrawn.
G04.001.020 Class A	2HP-216-9 Circumferential	51A	2HP-216 OFD-101A-2.4	NDE-600	UT Pipe to Valve 2HP-486	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was originally 2-51A-30-54 until it was cut out and remade as 2HP-216-9.

CATEGORY AUG, Augmented Inspections

NRC Bulletin 88-08

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G04.001.021 Class A	2HP-217-10 Circumferential	51A	2HP-217 OFD-101A-2.4	NDE-600	UT Pipe to Elbow	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was listed previously as 2-51A-30-28 until iso 2-51A-30 was redrawn.
G04.001.022 Class A	2HP-217-11 Circumferential	51A	2HP-217 OFD-101A-2.4	NDE-600	UT Elbow to Pipe	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was listed previously as 2-51A-30-29 until iso 2-51A-30 was redrawn.
G04.001.023 Class A	2HP-217-12 Circumferential	51A	2HP-217 OFD-101A-2.4	NDE-600	UT Pipe to Valve 2HP-487	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was originally 2-51A-30-31 until it was cut out and remade as 2HP-217-12.
G04.001.024 Class A	2HP-218-20 Circumferential	51A	2HP-218 OFD-101A-2.4	NDE-600	UT Pipe to Elbow	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was listed previously as 2-51A-27-79 until iso 2-51A-27 (2) was redrawn.
G04.001.025 Class A	2HP-218-21 Circumferential	51A	2HP-218 OFD-101A-2.4	NDE-600	UT Elbow to Pipe	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan. This weld was listed previously as 2-51A-27-80 until iso 2-51A-27 (2) was redrawn.
G04.001.026 Class A	2HP-218-22 Circumferential	51A	2HP-218 OFD-101A-2.4	NDE-600	UT Pipe to Valve 2HP-489	SS	2.500 0.375		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 Paragraph 7.1.4 of ISI Plan.

Total G04.001 Items: 13

Total G04 Items: 13

CATEGORY AUG, Augmented Inspections

Pressurizer Sensing/Sampling Nozzle Safe Ends

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G08.001.001	2-PZR-WP63-1		ISI-OCN2-002	NDE-35	PT	CS-Inconel	1.000		(W-X Quadrant) - Reference Section 7 Paragraph 7.1.8 of ISI Plan - Volume 1.
	Circumferential	50	B&W149771E				1.185		
Class A					Nozzle Sensing Pc.30 to Safe-End Pc. 42				
G08.001.002	2-PZR-WP63-2		ISI-OCN2-002	NDE-35	PT	CS-Inconel	1.000		(Y-Z Quadrant) - Reference Section 7 Paragraph 7.1.8 of ISI Plan - Volume 1.
	Circumferential	50	B&W149771E				1.185		
Class A					Nozzle Sensing Pc.30 to Safe-End Pc. 42				
G08.001.003	2-PZR-WP63-3		ISI-OCN2-002	NDE-35	PT	CS-Inconel	1.000		(Z-W Quadrant) - Reference Section 7 Paragraph 7.1.8 of ISI Plan - Volume 1.
	Circumferential	50	B&W149771E				1.185		
Class A					Nozzle Sensing Pc.30 to Safe-End Pc. 42				
G08.001.004	2-PZR-WP63-4		ISI-OCN2-002	NDE-35	PT	CS-Inconel	1.000		(W-X Quadrant) - Reference Section 7 Paragraph 7.1.8 of ISI Plan - Volume 1.
	Circumferential	50	B&W149771E				1.185		
Class A					Nozzle Sensing Pc.30 to Safe-End Pc. 42				
G08.001.005	2-PZR-WP63-5		ISI-OCN2-002	NDE-35	PT	CS-Inconel	1.000		(Y-Z Quadrant) - Reference Section 7 Paragraph 7.1.8 of ISI Plan - Volume 1.
	Circumferential	50	B&W149771E				1.185		
Class A					Nozzle Sensing Pc.30 to Safe-End Pc. 42				
G08.001.006	2-PZR-WP63-6		ISI-OCN2-002	NDE-35	PT	CS-Inconel	1.000		(Z-W Quadrant) - Reference Section 7 Paragraph 7.1.8 of ISI Plan - Volume 1.
	Circumferential	50	B&W149771E				1.185		
Class A					Nozzle Sensing Pc.30 to Safe-End Pc. 42				
G08.001.007	2-PZR-WP63-7		ISI-OCN2-002	NDE-35	PT	CS-Inconel	1.000		(Z-W Quadrant) - Reference Section 7 Paragraph 7.1.8 of ISI Plan - Volume 1.
	Circumferential	50	B&W149771E				1.185		
Class A					Nozzle Sensing Pc.30 to Safe-End Pc. 42				

Total G08.001 Items: 7

Total G08 Items: 7

CATEGORY AUG, Augmented Inspections

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

Circumferential Pipe Welds With A Nom. Wall Thk. < 3/8" and > NPS 4"

Oconee 2
Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.005 Class B	2-53B-17-104 Circumferential	53B	2-53B-17(2) OFD-102A-2.1	NDE-35	PT Pipe to Tee	SS	14.000 0.250		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.9 in ISI Plan - Volume 1.
G09.001.015 Class B	2LP-148-91 Circumferential	53B	2LP-148 OFD-102A-2.2	NDE-35	PT Valve 2LP-18 to Pipe	SS	10.000 0.250		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.9 in ISI Plan - Volume 1. This weld used to be 2-53B-26-1 and was shown on isometric 2-53B-26.
G09.001.019 Class B	2-53B-27-42 Circumferential	53B	2-53B-27(1) OFD-102A-2.2	NDE-35	PT Pipe to Flange	SS	10.000 0.250		
G09.001.025 Class B	2-53B-28-48 Circumferential	53B	2-53B-28(2) OFD-102A-2.2	NDE-35	PT Pipe to Elbow	SS	8.000 0.148		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.9 in ISI Plan - Volume 1.
G09.001.026 Class B	2-53B-28-57 Circumferential	53B	2-53B-28(2) OFD-102A-2.2	NDE-35	PT Pipe to Elbow	SS	8.000 0.148		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.9 in ISI Plan - Volume 1.
G09.001.032 Class B	2-54A-5-17 Circumferential	54A	2-54A-5(1) OFD-102A-2.1	NDE-35	PT Pipe to Elbow	SS	10.000 0.250		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.9 in ISI Plan - Volume 1.
G09.001.033 Class B	2-54A-5-1A Circumferential Term end	54A	2-54A-5 OFD-103A-2.1	NDE-35	PT Flange to Elbow	SS	8.000 0.250		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.9 in ISI Plan - Volume 1. TERMINAL END
G09.001.043 Class B	2-51B-18-25 Circumferential	51B	2-51B-18 OFD-101A-2.2	NDE-35	PT Pipe to Elbow	SS	6.000 0.134		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.9 in ISI Plan - Volume 1.

Total G09.001 Items: 8

CATEGORY AUG, Augmented Inspections

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

Circumferential Pipe Welds With A Nom. Wall Thk. < 3/8" and > NPS 4"

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
Total G09 Items:	8								

CATEGORY AUG, Augmented Inspections

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

Class 1 RTE Mounting Bosses

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G10.001.001	2-PHA-13		ISI-OCN2-005	NDE-35	PT	CS-Inconel	9.000		Reference Section 7, Paragraph 7.1.10 in ISI Plan - Volume 1.This weld covers the X-Axis. The diameter of hole that penetrates the nozzle into the Hot Leg = .613.
	Circumferential	50	OM-1201-1521				2.875		
Class A					Pipe Pc. 7 to				
	Dissimilar				RTE Mounting Boss Pc.12				
G10.001.002	2-PHA-14		ISI-OCN2-005	NDE-35	PT	CS-Inconel	9.000		Reference Section 7, Paragraph 7.1.10 in ISI Plan - Volume 1.This weld covers the Y-Z Axis. The diameter of hole that penetrates the nozzle into the Hot Leg = .613.
	Circumferential	50	OM-1201-1521				2.875		
Class A					Pipe Pc. 7 to				
	Dissimilar				RTE Mounting Boss Pc.12				
G10.001.003	2-PHA-15		ISI-OCN2-005	NDE-35	PT	CS-Inconel	9.000		Reference Section 7, Paragraph 7.1.10 in ISI Plan - Volume 1.This weld covers the Z-W Axis. The diameter of hole that penetrates the nozzle into the Hot Leg = .613.
	Circumferential	50	OM-1201-1521				2.875		
Class A					Pipe Pc. 7 to				
	Dissimilar				RTE Mounting Boss Pc.12				
G10.001.007	2-PIA1-12		ISI-OCN2-007	NDE-35	PT	CS-Inconel	8.750		Reference Section 7, Paragraph 7.1.10 in ISI Plan - Volume 1. The diameter of hole that penetrates the nozzle into RCP 2A1 Suction Piping = .613.
	Circumferential	50	OM-1201-1521				2.250		
Class A					Nozzle RTE Mount. Boss Pc. 58 to				
	Dissimilar				Pipe Pc.56				

Total G10.001 Items: 4

Total G10 Items: 4

CATEGORY AUG, Augmented Inspections

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

HPI System Upgrade

Oconee 2

Inservice Inspection Plan for Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G12.001.004 Class B	2-51B-21-10A Socket	51B	2-51B-21 OFD-101A-2.2	NDE-35	PT Half Coupling to Pipe	SS	2.000 0.154		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.11 in ISI Plan - Volume 1.
G12.001.005 Class B	2HP-415-45 Circumferential	51B	2HP-415 OFD-101A-2.2	NDE-35	PT Reducing Elbow to Tee	SS	4.000 0.120		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.11 in ISI Plan - Volume 1. This weld was listed previously as 2-51B-21-45 on iso 2-51B-21 until it was transferred to iso 2HP-415.
G12.001.011 Class B	2-51B-22-86 Circumferential	51B	2-51B-22 OFD-101A-2.2	NDE-35	PT Valve 2HP-17 to Pipe	SS	2.500 0.120		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.11 in ISI Plan - Volume 1.
G12.001.015 Class B	2-51B-26-25 Circumferential	51B	2-51B-26 OFD-101A-2.1	NDE-35	PT Tee to Pipe	SS	4.000 0.120		Non-Legitimate Weld in Inspection Category C-F-1. Reference Section 7, Paragraph 7.1.11 in ISI Plan - Volume 1.

Total G12.001 Items: 4

Total G12 Items: 4

4.0 *Results Of Inspections Performed*

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

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

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

DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
In-Service Inspection Database Management System
Oconee 2 Inservice Inspection Listing
Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B01.011.001	2-RPV-WR1A	50	10/28/2002	REC	---	Y	N	
B01.011.002	2-RPV-WR1	50	10/28/2002	REC	---	N	N	
B01.011.003	2-RPV-WR18	50	10/27/2002	CLR	95.00%	N	N	
B01.011.004	2-RPV-WR34	50	10/28/2002	CLR	36.00%	Y	Y	Request for Relief # 03-003
B01.021.003	2-RPV-WR35	50	10/28/2002	CLR	42.00%	N	Y	Request for Relief # 03-003
B01.030.001	2-RPV-WR19	50	10/27/2002	CLR	91.00%	Y	N	
B02.040.001	2-SGA-WG58-1	50	10/28/2002	REC	---	N	N	Indication # 1- 45° did not change from the previous inspection results. This is the 2nd and final surveillance inspection of this indication because the Steam Generators will be replaced before the start of the 4th inspection interval.
B03.090.001	2-RPV-WR13	50	10/28/2002	CLR	82.00%	N	Y	Request for Relief # 03-003
B03.090.001A	2-RPV-WR13	50	10/28/2002	CLR	---	Y	Y	
B03.090.002	2-RPV-WR13A	50	10/27/2002	REC	82.00%	N	Y	Request for Relief # 03-003
B03.090.002A	2-RPV-WR13A	50	10/29/2002	REC	---	Y	Y	
B03.090.003	2-RPV-WR12	50	10/27/2002	CLR	99.00%	N	N	
B03.090.003A	2-RPV-WR12	50	10/28/2002	REC	99.00%	Y	N	
B03.090.004	2-RPV-WR12A	50	10/27/2002	REC	99.00%	N	N	
B03.090.004A	2-RPV-WR12A	50	10/29/2002	REC	99.00%	N	N	
B03.090.005	2-RPV-WR12B	50	10/27/2002	CLR	99.00%	N	N	
B03.090.005A	2-RPV-WR12B	50	10/25/2002	REC	99.00%	N	N	
B03.090.006	2-RPV-WR12C	50	10/27/2002	REC	99.00%	N	N	
B03.090.006A	2-RPV-WR12C	50	10/24/2002	REC	99.00%	N	N	
B03.090.007	2-RPV-WR54	50	10/27/2002	CLR	81.00%	N	Y	Request for Relief # 03-003
B03.090.008	2-RPV-WR54A	50	10/27/2002	REC	81.00%	N	Y	Request for Relief # 03-003
B03.100.001	2-RPV-WR13	50	10/28/2002	CLR	98.00%	N	N	
B03.100.002	2-RPV-WR13A	50	10/29/2002	CLR	98.00%	N	N	
B03.100.003	2-RPV-WR12	50	10/28/2002	CLR	92.00%	N	N	
B03.100.004	2-RPV-WR12A	50	10/29/2002	CLR	92.00%	N	N	
B03.100.005	2-RPV-WR12B	50	10/25/2002	CLR	92.00%	N	N	
B03.100.006	2-RPV-WR12C	50	10/24/2002	CLR	92.00%	N	N	
B03.100.007	2-RPV-WR54	50	10/27/2002	CLR	52.00%	N	Y	Request for Relief # 03-003
B03.100.008	2-RPV-WR54A	50	10/27/2002	CLR	52.00%	Y	Y	Request for Relief # 03-003
B03.110.009	2-PZR-WP26-1	50	10/27/2002	CLR	51.58%	N	Y	Request for Relief # 01-01
B03.110.010	2-PZR-WP26-2	50	10/27/2002	CLR	51.58%	N	Y	Request for Relief # 01-01
B03.110.011	2-PZR-WP26-3	50	10/27/2002	CLR	68.58%	N	Y	Request for Relief # 01-01
B03.110.012	2-PZR-WP26-7	50	10/27/2002	CLR	68.58%	N	Y	Request for Relief # 01-01
B03.120.009	2-PZR-WP26-1	50	10/27/2002	CLR	61.82%	N	Y	Request for Relief # 01-01

DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
In-Service Inspection Database Management System
Oconee 2 Inservice Inspection Listing
Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B03.120.010	2-PZR-WP26-2	50	10/27/2002	CLR	61.82%	N	Y	Request for Relief # 01-01
B03.120.011	2-PZR-WP26-3	50	10/27/2002	CLR	66.92%	N	Y	Request for Relief # 01-01
B03.120.012	2-PZR-WP26-7	50	10/27/2002	CLR	66.92%	N	Y	Request for Relief # 01-01
B05.010.001	2-RPV-WR53	50	10/29/2002	CLR	97.00%	N	N	
B05.010.001A	2-RPV-WR53	50	10/29/2002	CLR	97.00%	N	N	
B05.010.001B	2-RPV-WR53	50	10/29/2002	CLR	97.00%	N	N	
B05.010.002	2-RPV-WR53A	50	10/29/2002	CLR	98.00%	N	N	
B05.010.002A	2-RPV-WR53A	50	10/29/2002	CLR	98.00%	N	N	
B05.010.002B	2-RPV-WR53A	50	10/29/2002	CLR	98.00%	N	N	
B05.040.002	2-PZR-WP45	50	10/20/2002	CLR	---	N	N	
B05.040.002A	2-PZR-WP45	50	10/23/2002	CLR	---	N	N	
B05.040.002B	2-PZR-WP45	50	10/23/2002	CLR	---	N	N	
B05.130.002	2-PDA1-2	50	10/20/2002	CLR	---	N	N	
B05.130.002A	2-PDA1-2	50	10/20/2002	CLR	---	N	N	
B05.130.002B	2-PDA1-2	50	10/19/2002	CLR	---	N	N	
B05.130.009	2-PIA2-7	50	10/18/2002	CLR	---	N	N	
B05.130.009A	2-PIA2-7	50	10/18/2002	CLR	---	N	N	
B05.130.009B	2-PIA2-7	50	10/16/2002	CLR	---	N	N	
B05.130.013	2-PSP-1	50	10/21/2002	REC	---	Y	N	Indication # 1-45° is a geometric reflector from the counterbore. This was confirmed by review of the RT film.
B05.130.013A	2-PSP-1	50	10/21/2002	REC	---	Y	N	Indication # 1-45° is a geometric reflector from the weld root/counterbore configuration. This was confirmed by review of the RT film.
B05.130.013B	2-PSP-1	50	10/20/2002	CLR	---	N	N	
B05.140.009	2-PIA2-11	50	10/16/2002	CLR	---	N	N	
B05.140.011	2-PIB2-11	50	10/17/2002	CLR	---	N	N	
B05.140.012	2-51A-35-15A	51A	10/17/2002	CLR	---	N	N	
B06.010.037	2-RPV-26-204-37	50	10/21/2002	CLR	---	N	N	
B06.010.038	2-RPV-26-204-38	50	10/21/2002	CLR	---	N	N	
B06.010.039	2-RPV-26-204-39	50	10/22/2002	CLR	---	N	N	
B06.010.040	2-RPV-26-204-40	50	10/22/2002	CLR	---	N	N	
B06.010.041	2-RPV-26-204-41	50	10/22/2002	CLR	---	N	N	
B06.010.042	2-RPV-26-204-42	50	10/22/2002	CLR	---	N	N	
B06.010.043	2-RPV-26-204-43	50	10/22/2002	CLR	---	N	N	
B06.010.044	2-RPV-26-204-44	50	10/22/2002	CLR	---	N	N	
B06.010.045	2-RPV-26-204-45	50	10/22/2002	CLR	---	N	N	
B06.010.046	2-RPV-26-204-46	50	10/22/2002	CLR	---	N	N	

DUKE ENER CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
In-Service Inspection Database Management System
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Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B06.010.047	2-RPV-26-204-47	50	10/22/2002	CLR	---	N	N	
B06.010.048	2-RPV-26-204-63	50	10/22/2002	CLR	---	N	N	
B06.010.049	2-RPV-26-204-65	50	10/22/2004	CLR	---	N	N	
B06.010.050	2-RPV-26-204-50	50	10/22/2002	CLR	---	N	N	
B06.010.051	2-RPV-26-204-51	50	10/24/2002	CLR	---	N	N	
B06.010.052	2-RPV-26-204-52	50	10/24/2002	CLR	---	N	N	
B06.010.053	2-RPV-26-204-53	50	10/24/2002	CLR	---	N	N	
B06.010.054	2-RPV-26-204-54	50	10/24/2002	CLR	---	N	N	
B06.010.055	2-RPV-26-204-55	50	10/24/2002	CLR	---	N	N	
B06.010.056	2-RPV-26-204-56	50	10/24/2002	CLR	---	N	N	
B06.030.037	2-RPV-25-204-37	50	10/21/2002	CLR	---	N	N	
B06.030.037A	2-RPV-25-204-37	50	10/21/2002	CLR	---	N	N	
B06.030.038	2-RPV-25-204-38	50	10/21/2002	CLR	---	N	N	
B06.030.038A	2-RPV-25-204-38	50	10/21/2002	CLR	---	N	N	
B06.030.039	2-RPV-25-204-39	50	10/22/2002	CLR	---	N	N	
B06.030.039A	2-RPV-25-204-39	50	10/22/2002	CLR	---	N	N	
B06.030.040	2-RPV-25-204-40	50	10/22/2002	CLR	---	N	N	
B06.030.040A	2-RPV-25-204-40	50	10/22/2002	CLR	---	N	N	
B06.030.041	2-RPV-25-204-41	50	10/22/2002	CLR	---	N	N	
B06.030.041A	2-RPV-25-204-41	50	10/22/2002	CLR	---	N	N	
B06.030.042	2-RPV-25-204-42	50	10/22/2002	CLR	---	N	N	
B06.030.042A	2-RPV-25-204-42	50	10/22/2002	CLR	---	N	N	
B06.030.043	2-RPV-25-204-43	50	10/22/2002	CLR	---	N	N	
B06.030.043A	2-RPV-25-204-43	50	10/22/2002	CLR	---	N	N	
B06.030.044	2-RPV-25-204-44	50	10/22/2002	CLR	---	N	N	
B06.030.044A	2-RPV-25-204-44	50	10/22/2002	CLR	---	N	N	
B06.030.045	2-RPV-25-204-45	50	10/22/2002	CLR	---	N	N	
B06.030.045A	2-RPV-25-204-45	50	10/22/2002	CLR	---	N	N	
B06.030.046	2-RPV-25-204-46	50	10/22/2002	CLR	---	N	N	
B06.030.046A	2-RPV-25-204-46	50	10/22/2002	CLR	---	N	N	
B06.030.047	2-RPV-25-204-47	50	10/22/2002	CLR	---	N	N	
B06.030.047A	2-RPV-25-204-47	50	10/22/2002	CLR	---	N	N	
B06.030.048	2-RPV-25-204-48	50	10/22/2002	CLR	---	N	N	
B06.030.048A	2-RPV-25-204-48	50	10/22/2002	CLR	---	N	N	
B06.030.049	2-RPV-25-204-49	50	10/22/2002	CLR	---	N	N	
B06.030.049A	2-RPV-25-204-49	50	10/22/2002	CLR	---	N	N	

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ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B06.030.050	2-RPV-25-204-50	50	10/22/2002	CLR	---	N	N	
B06.030.050A	2-RPV-25-204-50	50	10/22/2002	CLR	---	N	N	
B06.030.051	2-RPV-25-204-51	50	10/24/2002	CLR	---	N	N	
B06.030.051A	2-RPV-25-204-51	50	10/24/2002	CLR	---	N	N	
B06.030.052	2-RPV-25-204-52	50	10/24/2002	CLR	---	N	N	
B06.030.052A	2-RPV-25-204-52	50	10/24/2002	CLR	---	N	N	
B06.030.053	2-RPV-25-204-53	50	10/24/2002	CLR	---	N	N	
B06.030.053A	2-RPV-25-204-53	50	10/24/2002	CLR	---	N	N	
B06.030.054	2-RPV-25-204-54	50	10/24/2002	CLR	---	N	N	
B06.030.054A	2-RPV-25-204-54	50	10/24/2002	CLR	---	N	N	
B06.030.055	2-RPV-25-204-55	50	10/24/2002	CLR	---	N	N	
B06.030.055A	2-RPV-25-204-55	50	10/24/2002	CLR	---	N	N	
B06.030.056	2-RPV-25-204-56	50	10/24/2002	CLR	---	N	N	
B06.030.056A	2-RPV-25-204-56	50	10/24/2002	CLR	---	N	N	
B06.050.001C	2-RPV-WASH-BUSH	50	10/24/2002	CLR	---	N	N	
B06.180.003	2-RCP-2B1-FB	50	10/17/2002	CLR	---	N	N	
B06.200.003	2-RCP-2B1-NUTS	50	10/16/2002	CLR	---	N	N	
B07.020.003	2-PZR-LHB-STUDS	50	10/16/2002	CLR	---	N	N	
B07.030.007	2-SGB-UHIC-BOLT	50	10/22/2002	CLR	---	N	N	
B07.030.008	2-SGB-LHIC-BOLT	50	11/10/2002	CLR	---	N	N	
B07.050.002	2-PZR-RC66-BOLT	50	11/10/2002	CLR	---	N	N	
B07.070.005	2-53A-LP47-BOLTS	53A	10/16/2002	CLR	---	N	N	
B07.070.017	2-53A-LP103-BOLTS	53A	10/16/2002	CLR	---	N	N	
B07.080.001	2-RPV-CRD-BOLTS	50	11/16/2002	CLR	---	N	N	Inspected bolting on CRD # 30, 9, 6, 15, 2, 31, 19, 8, 4, 67, 43, 24, 18, 60, 42, 28, 33, 21, 20, 36, 11, 38, and 63.
B07.080.002	2-RPV-CRD-RINGS	50	11/16/2002	CLR	---	N	N	Inspected housing rings on CRD # 30, 9, 6, 15, 2, 31, 19, 8, 4, 67, 43, 24, 18, 60, 42, 28, 33, 21, 20, 36, 11, 38, and 63.
B09.011.005	2LP-189-15	53A	10/23/2002	REC	---	Y	N	Indication # 1 is a 360° reflector due to root geometry. A 70° shear wave and WSY 70 was used as confirmation. Additional review of RT film revealed root concavity. Indication # 2 is a 360° geometric reflector from the ID taper due to the valve configuration. Manual plotting of the indication shows that it is also out of the area of interest.
B09.011.005A	2LP-189-15	53A	10/22/2002	CLR	---	N	N	
B09.011.011	2-53A-8-63	53A	10/29/2002	CLR	76.00%	N	Y	Request for Relief # 03-003
B09.011.011A	2-53A-8-63	53A	10/29/2002	CLR	76.00%	N	Y	Request for Relief # 03-003
B09.011.013	2-53A-8-64	53A	10/29/2002	CLR	71.00%	N	Y	Request for Relief # 03-003

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B09.011.013A	2-53A-8-64	53A	10/29/2002	CLR	71.00%	N	Y	Request for Relief # 03-003
B09.011.019	2-PHA-1	50	10/24/2002	CLR	---	N	N	
B09.011.019A	2-PHA-1	50	10/24/2002	CLR	---	Y	N	
B09.011.021	2-PHB-1	50	10/28/2002	CLR	---	N	N	
B09.011.021A	2-PHB-1	50	10/28/2002	REC	---	N	N	
B09.011.032	2-PDA1-8	50	10/24/2002	REC	---	N	N	
B09.011.032A	2-PDA1-8	50	10/24/2002	CLR	---	Y	N	
B09.011.033	2-PDA2-8	50	10/25/2002	REC	---	N	N	
B09.011.033A	2-PDA2-8	50	10/25/2002	CLR	---	N	N	
B09.011.034	2-PDB1-8	50	10/28/2002	CLR	---	N	N	
B09.011.034A	2-PDB1-8	50	10/28/2002	CLR	---	N	N	
B09.011.035	2-PDB2-8	50	10/29/2002	CLR	---	N	N	
B09.011.035A	2-PDB2-8	50	10/29/2002	REC	---	N	N	
B09.011.037	2-PSL-2	50	10/27/2002	CLR	---	N	N	
B09.011.037A	2-PSL-2	50	10/26/2002	CLR	---	N	N	
B09.011.039	2-PSL-4	50	10/27/2002	CLR	---	N	N	
B09.011.039A	2-PSL-4	50	10/26/2002	CLR	---	N	N	
B09.011.041	2-PSL-6	50	10/27/2002	CLR	---	N	N	
B09.011.041A	2-PSL-6	50	10/26/2002	CLR	---	N	N	
B09.021.009	2-51A-146-2	51A	10/30/2002	CLR	---	N	N	
B09.021.013	2HP-218-1	51A	10/22/2002	CLR	---	N	N	
B09.021.015	2HP-218-14	51A	10/17/2002	CLR	---	N	N	
B09.021.017	2HP-215-5	51A	10/24/2002	CLR	---	N	N	
B09.021.019	2HP-214-5	51A	10/23/2002	CLR	---	N	N	
B09.021.021	2HP-215-20	51A	10/23/2002	CLR	---	N	N	
B09.021.026	2HP-217-11	51A	10/16/2002	CLR	---	N	N	
B09.021.028	2-51A-30-36	51A	10/21/2002	CLR	---	N	N	
B09.021.046	2RC-236-3	50	10/26/2002	CLR	---	N	N	
B09.021.055	2-PSP-5	50	10/20/2002	CLR	---	N	N	
B09.021.057	2-PSP-8	50	10/20/2002	CLR	---	N	N	
B09.021.060	2-PSP-15	50	10/20/2002	CLR	94.44%	N	N	
B09.040.003	2RC-271-25	50	10/22/2002	CLR	---	N	N	
B09.040.009	2-50-7-81	50	10/17/2002	CLR	---	N	N	
B13.010.001	2-RPV-INT-SURFACE	50	10/29/2002	CLR	---	N	N	
B13.050.001	2RPV-INT-LUGS	50	10/29/2002	CLR	---	N	N	
B13.070.001	2-RPV-INTERNALS	50	10/25/2002	CLR	---	N	N	

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B14.010.001	2-RPV-CRD-60WH9	50	10/26/2002	CLR	---	N	N	
B14.010.005	2-RPV-CRD-60W60	50	10/25/2002	CLR	---	N	N	
B14.010.008	2-RPV-CRD-60	50	10/25/2002	CLR	---	N	N	
B14.010.011	2-RPV-CRD-60W61	50	10/25/2002	CLR	---	N	N	
C01.010.003	2-SGB-WG8-2		10/28/2002	CLR	92.70%	N	N	
C01.010.004	2-SGB-WG8-4		10/29/2002	CLR	92.70%	N	N	
C01.030.001	2-SGA-WG60		10/28/2002	REC	---	N	N	Indication # 1-45° was discovered and documented during outage 4 as a reportable indication. This indication was monitored as a surveillance inspection this outage. There was no growth in size from previously recorded data. This will be the final surveillance inspection for this indication per IWC-2420 (b) and (c).
C02.021.001	2-SGA-WG23-1		10/16/2002	CLR	25.00%	N	Y	Request for Relief 03-002
C02.021.001A	2-SGA-WG23-1		10/16/2002	CLR	---	N	N	
C02.021.002	2-SGA-WG23-2		10/16/2002	CLR	25.00%	N	Y	Request for Relief # 03-002
C02.021.002A	2-SGA-WG23-2		10/16/2002	CLR	---	N	N	
C02.022.001	2-SGA-WG23-1		10/16/2002	CLR	88.11%	N	Y	Request for Relief # 03-002
C02.022.002	2-SGA-WG23-2		10/16/2002	CLR	88.11%	N	Y	Request for Relief # 03-002
C03.010.007	2-SGA-WG84-WX		10/26/2002	CLR	---	N	N	
C03.010.008	2-SGA-WG84-XW		10/26/2002	CLR	---	N	N	
C03.020.005	2-01A-H14	01A	10/30/2002	CLR	---	N	N	
C03.020.008	2-01A-H4A	01A	10/15/2002	CLR	91.67%	N	N	
C03.020.009	2-01A-H5A	01A	10/15/2002	CLR	91.67%	N	N	
C03.020.010	2-01A-H5B	01A	10/15/2002	CLR	---	N	N	
C03.020.015	2-01A-R6	01A	10/26/2002	CLR	---	N	N	
C03.020.018	2-03-H16A	03	10/30/2002	CLR	---	N	N	
C03.020.041	2-53B-DE051	53B	08/12/2002	CLR	---	N	N	
C03.020.045	2-53B-H2	53B	08/19/2002	CLR	---	N	N	
C03.020.046	2-53B-H3	53B	08/19/2002	CLR	---	N	N	
C03.020.047	2-53B-H5	53B	08/13/2002	CLR	---	N	N	
C03.020.049	2-53B-H7	53B	08/13/2002	CLR	---	N	N	
C03.020.051	2-53B-R16	53B	08/13/2002	CLR	---	N	N	
C03.020.052	2-53B-R5	53B	08/13/2002	CLR	---	N	N	
C03.020.057	2-SGA-WG87-WX	03	10/26/2002	CLR	---	N	N	
C03.020.058	2-SGA-WG87-WZ	03	10/26/2002	CLR	---	N	N	
C03.020.061	2-SGA-WG87-YX	03	10/26/2002	CLR	---	N	N	
C03.020.073	2-51A-FAC-2802	51B	08/13/2002	CLR	---	N	N	
C05.011.011	2LP-150-69	53A	08/05/2002	REC	---	Y	N	Indication # 1 is a geometrical reflector off of the ID. Signal would

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								not hold up to skew. 70° produced less than 50% amplitude. Plotting of indication supports this determination.
C05.011.011A	2LP-150-69	53A	08/05/2002	CLR	---	N	N	
C05.011.012	2LP-150-70	53A	08/05/2002	CLR	---	N	N	
C05.011.012A	2LP-150-70	53A	08/05/2002	CLR	---	N	N	
C05.021.013	2HP-219-14	51A	08/07/2002	CLR	---	N	N	
C05.021.013A	2HP-219-14	51A	08/07/2002	CLR	---	N	N	
C05.021.014	2HP-219-3	51A	08/07/2002	CLR	---	N	N	
C05.021.014A	2HP-219-3	51A	08/07/2002	CLR	---	N	N	
C05.021.015	2HP-219-12	51A	08/07/2002	CLR	---	N	N	
C05.021.015A	2HP-219-12	51A	08/07/2002	CLR	---	N	N	
C05.021.016	2-51A-133-10	51A	08/13/2002	CLR	---	N	N	
C05.021.016A	2-51A-133-10	51A	08/12/2002	CLR	---	N	N	
C05.021.017	2-51A-133-3	51A	08/13/2002	CLR	---	N	N	
C05.021.017A	2-51A-133-3	51A	08/12/2002	CLR	---	N	N	
C05.021.018	2-51A-17-49	51A	08/13/2002	CLR	---	N	N	
C05.021.018A	2-51A-17-49	51A	08/12/2002	CLR	---	N	N	
C05.021.046	2-51A-29-1	51A	08/14/2002	REC	---	Y	N	Indication # 1 is a geometrical reflector off of the ID configuration . Signal would not hold up to skew. 70° produced less than 50% amplitude. This signal was only recordable in the area where the tee configuration caused the angle to incident the ID at a sharper angle. Plotting of indication supports this determination.
C05.021.046A	2-51A-29-1	51A	08/14/2002	CLR	---	N	N	
C05.021.047	2HP-396-2	51A	08/14/2002	REC	---	Y	N	Indication # 1 is a geometrical reflector off of the ID configuration . Signal would not hold up to skew. 70° produced less than 50% amplitude. This signal was only recordable in the area where the tee configuration caused the angle to incident the ID at a sharper angle. Plotting of indication supports this determination.
C05.021.047A	2HP-396-2	51A	08/14/2002	CLR	---	N	N	
C05.021.048	2-51A-31-59	51A	08/07/2002	CLR	---	N	N	
C05.021.048A	2-51A-31-59	51A	08/05/2002	CLR	---	N	N	
C05.021.049	2-51A-31-5	51A	08/07/2002	CLR	---	N	N	
C05.021.049A	2-51A-31-5	51A	08/05/2002	CLR	---	N	N	
C05.021.050	2HP-338-52	51A	10/21/2002	CLR	---	N	N	
C05.021.050A	2HP-338-52	51A	10/21/2002	CLR	---	N	N	
C05.021.059	2HP-338-51	51A	10/21/2002	CLR	---	N	N	
C05.021.059A	2HP-338-51	51A	10/21/2002	CLR	---	N	N	

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C05.021.078	2-51A-33-15	51A	10/28/2002	CLR	---	N	N	
C05.021.078A	2-51A-33-15	51A	10/27/2002	CLR	---	N	N	
C05.021.079	2-51A-33-16	51A	10/28/2002	CLR	---	N	N	
C05.021.079A	2-51A-33-16	51A	10/27/2002	CLR	---	N	N	
C05.021.080	2-51A-33-17	51A	10/28/2002	CLR	---	N	N	
C05.021.080A	2-51A-33-17	51A	10/27/2002	CLR	---	N	N	
C05.021.081	2HP-212-6	51A	10/18/2002	CLR	---	N	N	
C05.021.081A	2HP-212-6	51A	10/18/2002	CLR	---	N	N	
C05.021.087	2-51A-27-19	51A	08/15/2002	CLR	---	N	N	
C05.021.087A	2-51A-27-19	51A	08/15/2002	CLR	---	N	N	
C05.021.093	2HP-396-5	51A	08/07/2002	CLR	---	N	N	
C05.021.093A	2HP-396-5	51A	08/07/2002	CLR	---	N	N	
C05.021.099	2-51A-33-20	51A	10/28/2002	CLR	---	N	N	
C05.021.099A	2-51A-33-20	51A	10/27/2002	CLR	---	N	N	
C05.021.105	2-51A-33-50	51A	10/30/2002	CLR	---	N	N	
C05.021.105A	2-51A-33-50	51A	10/30/2002	CLR	---	N	N	
C05.021.107	2-51A-33-6	51A	10/30/2002	CLR	---	N	N	
C05.021.107A	2-51A-33-6	51A	10/30/2002	CLR	---	N	N	
C05.021.109	2HP-212-3	51A	10/18/2002	CLR	---	N	N	
C05.021.109A	2HP-212-3	51A	10/18/2002	CLR	---	N	N	
C05.021.115	2HP-221-22	51A	08/07/2002	CLR	95.04%	N	N	
C05.021.115A	2HP-221-22	51A	08/06/2002	CLR	---	N	N	
C05.021.116	2HP-221-4	51A	08/06/2002	CLR	---	N	N	
C05.021.116A	2HP-221-4	51A	08/05/2002	CLR	---	N	N	
C05.021.117	2HP-221-6	51A	08/06/2002	CLR	---	N	N	
C05.021.117A	2HP-221-6	51A	08/05/2002	CLR	---	N	N	
C05.021.118	2HP-221-8	51A	08/06/2002	CLR	---	N	N	
C05.021.118A	2HP-221-8	51A	08/05/2002	CLR	---	N	N	
C05.021.119	2HP-221-10	51A	08/06/2002	CLR	---	N	N	
C05.021.119A	2HP-221-10	51A	08/05/2002	CLR	---	N	N	
C05.041.002	2-51A-17-64	51A	08/12/2002	CLR	---	N	N	
C05.041.003	2-51B-18-30	51B	10/25/2002	CLR	---	N	N	
C05.041.004	2-51A-17-64Z	51A	08/12/2002	CLR	---	N	N	
C05.041.005	2-51A-17-64ZA	51A	08/12/2002	CLR	---	N	N	
C05.051.003	2-MS8A-B	01A	10/30/2002	REC	---	Y	N	Indications #1, 2,and 3 are geometric reflectors. See inspection data for details on the geometric reflectors.
C05.051.003A	2-MS8A-B	01A	10/30/2002	CLR	---	N	N	

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C05.051.012	2MS-104-18A	01A	10/30/2002	CLR	---	N	N	
C05.051.012A	2MS-104-18A	01A	10/30/2002	CLR	---	N	N	
C05.051.017	2-03A-67-11	03A	08/05/2002	CLR	---	N	N	
C05.051.017A	2-03A-67-11	03A	08/05/2002	CLR	---	N	N	
C05.051.019	2FDW-225-15	03	10/29/2002	REC	---	Y	N	Indications # 1, 2, and 3 are geometric reflectors. See inspection data for details on the geometric reflectors.
C05.051.019A	2FDW-225-15	03	10/29/2002	CLR	---	N	N	
C05.051.024	2FDW-238-WG91-F	03	10/29/2002	CLR	---	N	N	
C05.051.024A	2FDW-238-WG91-F	03	10/29/2002	CLR	---	N	N	
C05.051.043	2LPS-597-17	14B	08/06/2002	CLR	---	N	N	
C05.051.043A	2LPS-597-17	14B	08/05/2002	CLR	---	N	N	
C05.051.044	2LPS-597-3AB	14B	08/06/2002	CLR	---	N	N	
C05.051.044A	2LPS-597-3AB	14B	08/05/2002	CLR	---	N	N	
C05.051.045	2LPS-600-1	14B	08/06/2002	CLR	---	N	N	
C05.051.045A	2LPS-600-1	14B	08/05/2002	CLR	---	N	N	
C05.051.046	2LPS-600-86	14B	08/06/2002	CLR	---	N	N	
C05.051.046A	2LPS-600-86	14B	08/05/2002	CLR	---	N	N	
C05.051.047	2LPS-600-87	14B	08/06/2002	CLR	---	N	N	
C05.051.047A	2LPS-600-87	14B	08/05/2002	CLR	---	N	N	
C05.070.001	2-BWST-OUT-2	53B	08/02/2002	CLR	63.66%	N	Y	Request for Relief # 03-002
C05.081.001	2-MSB10-F	01A	10/24/2002	CLR	---	N	N	
D02.020.022	2-03A-H11	03A	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.024	2-03A-H11A	03A	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.026	2-03A-H12	03A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.031	2-03A-H2	03A	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.035	2-03A-H27	03A	07/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.037	2-03A-H29	03A	07/11/2002	CLR	---	N	N	
D02.020.042	2-03A-H46	03A	05/28/2002	CLR	---	N	N	
D02.020.043	2-03A-H5	03A	06/25/2002	CLR	---	N	N	
D02.020.045	2-03A-H7	03A	06/25/2002	CLR	---	N	N	
D02.020.047	2-03A-H8	03A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.

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D02.020.054	2-03A-R63	03A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.055	2-03A-R64	03A	07/11/2002	CLR	---	N	N	
D02.020.058	2-03A-SR1	03A	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.059	2-03A-SR10	03A	06/13/2002	CLR	---	N	N	
D02.020.062	2-03A-SR13	03A	09/05/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.069	2-03A-SR21	03A	07/11/2002	CLR	---	N	N	
D02.020.070	2-03A-SR22	03A	07/11/2002	CLR	---	N	N	
D02.020.072	2-03A-SR25	03A	07/11/2002	CLR	---	N	N	
D02.020.073	2-03A-SR25	03A	07/02/2002	CLR	---	N	N	
D02.020.080	2-03A-SR30	03A	07/11/2002	CLR	---	N	N	
D02.020.081	2-03A-SR31	03A	07/02/2002	CLR	---	N	N	
D02.020.087	2-03A-SR35	03A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98546936 and 98547532 were written to correct problems.
D02.020.088	2-03A-SR35	03A	07/02/2002	CLR	---	N	N	
D02.020.089	2-03A-SR36	03A	07/02/2002	CLR	---	N	N	
D02.020.090	2-03A-SR37	03A	07/02/2002	CLR	---	N	N	
D02.020.096	2-03A-SR5	03A	05/29/2002	CLR	---	N	N	
D02.020.099	2-03A-SR6	03A	08/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.102	2-03A-SR9	03A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.104	2-07A-R43	07A	07/11/2002	CLR	---	N	N	
D02.020.109	2-14B-ASR3	14B	06/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.116	2-14B-DE154	14B	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.130	2-14B-RJP-3101	14B	08/14/2002	CLR	---	N	N	
D02.020.136	2-14B-SR4	14B	06/12/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.143	2-14B-SR6	14B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.030.002	2-03-R12	03	10/17/2002	CLR	---	N	N	

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D02.040.002	2-03-H48	03	06/04/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98511709 01 was written to correct problems.
D02.040.003	2-03-H50	03	10/23/2002	CLR	---	N	N	
D02.040.005	2-03-H59	03	06/04/2002	CLR	---	N	N	
D02.040.008	2-03A-H1	03A	06/13/2002	CLR	---	N	N	
D02.040.009	2-03A-H17	03A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.010.002	2-51A-H16A	51A	10/15/2002	CLR	---	N	N	
F01.011.002	2-51A-H1C	51A	10/13/2002	CLR	---	N	N	
F01.011.004	2-53-H4	53	10/24/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.012.001	2-50-H11	50	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.012.005	2-51A-H2C	51A	10/13/2002	CLR	---	N	N	
F01.020.001	2-01A-H14	01A	10/18/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98554352 was written to correct problems.
F01.020.006	2-03A-R61	03A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98547522 and 98536821 were written to correct problems.
F01.020.010	2-14B-JG-1901	14B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.020.014	2-51A-H16	51A	06/25/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.020.025	2-53B-DE064	53B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98511947 01 was written to correct problems.
F01.020.028	2-53B-H3	53B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98546560 was written to correct problems. PIP # O-02-04913 was written to document operability evaluation.
F01.020.032	2-53B-H9	53B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.020.040	2-54A-R42	54A	08/13/2002	CLR	---	N	N	
F01.020.042	2-56-SR15	56	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering

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								and the support was found to be acceptable for service. Work Order # 98548333 was written to correct problems.
F01.020.048	2-51A-FAC-2802	51B	08/22/2002	CLR	---	N	N	
F01.021.001	2-03-H11A	03	10/15/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98551551 was written to correct problems.
F01.021.007	2-14B-H17E	14B	10/27/2002	CLR	---	N	N	
F01.021.018	2-51A-SR160	51A	08/13/2002	CLR	---	N	N	
F01.021.022	2-53B-DE049	53B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.022.006	2-01A-R7	01A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.022.009	2-03A-H6273	03A	10/29/2002	CLR	---	N	N	
F01.022.015	2-53B-H15	53B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98517742 was written to correct problems.
F01.022.023	2-57-H7	57	10/13/2002	CLR	---	N	N	
F01.022.025	2-51A-H70	51B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.030.015	2-03A-H30	03A	07/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98517740 was written to correct problems.
F01.030.017	2-03A-H5	03A	10/21/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.030.022	2-07A-DE002	07A	07/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98571283 was written to correct problems.
F01.030.023	2-07A-DE022	07A	07/02/2002	CLR	---	N	N	
F01.030.027	2-07A-SR7	07A	07/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98517741 was written to correct problems.
F01.030.029	2-03A-H6	03A	08/13/2002	CLR	---	N	N	
F01.030.034	2-14B-RJP-3101	14B	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.031.003	0-14-H7027	13	06/18/2002	CLR	---	N	N	
F01.031.006	2-03A-H2	03A	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
								Order # 98543231 was written to correct problems.
F01.031.014	2-03A-SR5	03A	05/29/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98511704 01 was written to correct problems.
F01.031.019	2-14B-H5184	14B	06/25/2002	CLR	---	N	N	
F01.031.024	2-14B-JEJ-2002	14B	09/10/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.032.003	2-03A-H1	03A	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.032.006	2-07A-JLM-2102	07A	07/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.040.001	2-RPV-WR36	50	11/21/2002	CLR	---	N	N	
F01.040.002	2-SGB-SKIRT	50	10/15/2002	CLR	---	N	N	
F01.040.016	2-RBCC-A		06/13/2002	CLR	---	N	N	
F01.040.020	2-DEJW-HEAT-EXCH		06/17/2002	CLR	---	N	N	
F01.040.025	2-HPI-PUMP-A-SUPP	51A	06/13/2002	CLR	---	N	N	
F01.050.001	2-03-R12	03	10/16/2002	CLR	---	N	N	
F01.050.002	2-03-R7	03	10/16/2002	CLR	---	N	N	
F01.050.003	2-03-H4087	03	05/28/2002	CLR	---	N	N	
F01.050.004	2-01A-R14	01A	07/09/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.005	2-01A-R15	01A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98571163 was written to correct problems.
F01.050.006	2-01A-R16	01A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98554296 was written to correct problems.
F01.050.007	2-01A-R2-1	01A	10/16/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.008	2-01A-R2-2	01A	10/16/2002	CLR	---	N	N	
F01.050.009	2-01A-R9-2	01A	10/16/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.010	2-01A-R9-3	01A	10/16/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.011	2-01A-R9-4	01A	10/16/2002	CLR	---	N	N	
F01.050.012	2-53-H3	53	10/15/2002	CLR	---	N	N	
F01.050.013	2-50-H12	50	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
								and the support was found to be acceptable for service. Work Order # 98551566 04 was written to correct problems.
F01.050.014	2-51A-H2A	51A	10/15/2002	CLR	---	N	N	
F01.050.015	2-03-H6B	03	10/15/2002	CLR	---	N	N	
F01.050.016	2-03-H7A	03	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98551566 05 was written to correct problems.
F01.050.017	2-03A-H1B	03A	10/15/2002	CLR	---	N	N	
F01.050.018	2-50-H10	50	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service..
F01.050.019	2-50-H11	50	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98551566 02 was written to correct problems.
F01.050.020	2-50-H8	50	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.021	2-50-H9	50	10/13/2002	CLR	---	N	N	
F01.050.022	2-01A-H2A	01A	10/15/2002	CLR	---	N	N	
F01.050.023	2-01A-H2B	01A	10/13/2002	CLR	---	N	N	
F01.050.024	2-01A-H8A	01A	10/15/2002	CLR	---	N	N	
F01.050.025	2-01A-H8B	01A	10/15/2002	CLR	---	N	N	
F01.050.026	2-50-H1	50	10/13/2002	CLR	---	N	N	
F01.050.027	2-50-H3	50	10/13/2002	CLR	---	N	N	
F01.050.028	2-50-H7	50	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98493833 was written to correct problems.
F01.050.029	2-57-H15	57	10/13/2002	CLR	---	N	N	
F01.050.030	2-57-H16	57	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98551566 was written to correct problems.
F01.050.031	2-57-H17	57	10/13/2002	CLR	---	N	N	
F01.050.032	2-57-H20	57	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.033	2-57-H21	57	10/13/2002	CLR	---	N	N	
F01.050.034	2-57-H23	57	10/13/2002	CLR	---	N	N	
F01.050.035	2-57-H25	57	10/13/2002	CLR	---	N	N	
F01.050.036	2-57-H7	57	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
								Order # 98386009-01 was written to correct problems.
F01.050.037	2-57-H9	57	10/13/2002	CLR	---	N	N	
F01.050.039	2-50-H1A	50	10/13/2002	CLR	---	N	N	
F01.050.040	2-50-H2A	50	10/13/2002	CLR	---	N	N	
F01.050.041	2-50-H3A	50	10/13/2002	CLR	---	N	N	
F01.050.042	2-03A-SR102	03A	07/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98554305 was written to correct problems.
F01.050.043	2-03A-SR103	03A	07/02/2002	CLR	---	N	N	
F01.050.044	2-03A-SR104	03A	07/02/2002	CLR	---	N	N	
F01.050.045	2-03A-SR100	03A	07/02/2002	CLR	---	N	N	
F01.050.046	2-03A-SR101PO	03A	05/28/2002	CLR	---	N	N	
F01.050.047	2-51A-SR150	51A	06/13/2002	CLR	---	N	N	
F01.050.049	2-01A-H43	01A	05/28/2002	CLR	---	N	N	
F01.050.050	2-01A-H44	01A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98481079 80 was written to delete this support so no corrective action is needed.
F01.050.051	2-53B-SR100	53B	06/13/2002	CLR	---	N	N	
F01.050.052	2-53B-SR1000	53B	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.053	2-01A-R7	01A	05/28/2002	CLR	---	N	N	
F01.050.054	2-54A-R16	54A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.055	2-54A-R101	54A	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.056	2-54A-R2B	54A	06/13/2002	CLR	---	N	N	
F01.050.057	2-01A-R17	01A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98574121 was written to correct problems.
F01.050.058	2-01A-R18	01A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98554305 was written to correct problems.
F01.050.061	2-01A-R6	01A	07/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98322897 was written to correct problems.
F01.050.062	2-01A-R2	01A	07/09/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
								and the support was found to be acceptable for service.
F01.050.063	2-53B-SR1000	53B	06/11/2002	CLR	---	N	N	
F01.050.064	2-13-SR1	13	07/11/2002	CLR	---	N	N	
F01.050.065	2-13-SR4	13	07/11/2002	CLR	---	N	N	
F01.050.066	2-07A-DE039	07A	07/11/2002	CLR	---	N	N	
F01.050.067	2-03-R13	03	05/28/2002	CLR	---	N	N	
F01.050.068	2-03A-DE034	03A	05/28/2002	CLR	---	N	N	
F01.050.069	2-03A-H4088	03A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98571140 was written to correct problems.
F01.050.072	2-01A-R6	01A	10/16/2002	CLR	---	N	N	
F01.050.073	2-01A-DE076	01A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.074	2-01A-DE077	01A	07/11/2002	CLR	---	N	N	
F01.050.075	2-51A-H184	51A	08/14/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98574057 was written to correct problems.
F01.050.076	2-51A-H167	51A	06/25/2002	CLR	---	N	N	
F01.050.079	2-01A-R7	01A	06/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.080	2-01A-R9-1	01A	10/16/2002	CLR	---	N	N	
F01.050.081	2-03A-NPS-H28	03A	10/15/2002	CLR	---	N	N	
F01.050.082	2-03-H6103	03	10/13/2002	CLR	---	N	N	
F01.050.083	2-03A-H3A	03A	10/13/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.084	2-57-NWIZ	57	10/13/2002	CLR	---	N	N	
F01.050.086	2-03A-H121	03A	07/02/2002	CLR	---	N	N	
F01.050.087	2-53B-DE063	53B	06/13/2002	CLR	---	N	N	
F01.050.088	2-53B-DE068	53B	06/25/2002	CLR	---	N	N	
F01.050.089	2-53B-DE060	53B	06/13/2002	CLR	---	N	N	
F01.050.090	2-53B-DE070	53B	06/13/2002	CLR	---	N	N	
F01.050.091	2-53B-DE056	53B	06/13/2002	CLR	---	N	N	
F01.050.092	2-01A-R19	01A	05/28/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.093	2-01A-R27	01A	07/02/2002	CLR	---	N	N	
F01.050.094	2-53B-DE057	53B	06/13/2002	CLR	---	N	N	
F01.050.095	2-07A-H60	07A	07/02/2002	CLR	---	N	N	

DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
In-Service Inspection Database Management System
Oconee 2 Inservice Inspection Listing
Interval 3 Outage 5

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F01.050.096	2-07A-H61	07A	07/02/2002	CLR	---	N	N	
F01.050.097	2-07A-H62	07A	07/11/2002	CLR	---	N	N	
F01.050.098	2-50-RCPM-2A1-SS1	50	10/13/2002	CLR	---	N	N	
F01.050.099	2-50-RCPM-2A1-SS2	50	10/13/2002	CLR	---	N	N	
F01.050.100	2-50-RCPM-2A1-SS3	50	10/13/2002	CLR	---	N	N	
F01.050.101	2-50-RCPM-2A2-SS1	50	10/13/2002	CLR	---	N	N	
F01.050.102	2-50-RCPM-2A2-SS2	50	10/13/2002	CLR	---	N	N	
F01.050.103	2-50-RCPM-2A2-SS3	50	10/13/2002	CLR	---	N	N	
F01.050.104	2-50-RCPM-2B1-SS1	50	10/13/2002	CLR	---	N	N	
F01.050.105	2-50-RCPM-2B1-SS2	50	10/13/2002	CLR	---	N	N	
F01.050.106	2-50-RCPM-2B1-SS3	50	10/13/2002	CLR	---	N	N	
F01.050.107	2-50-RCPM-2B2-SS1	50	10/13/2002	CLR	---	N	N	
F01.050.108	2-50-RCPM-2B2-SS2	50	10/13/2002	CLR	---	N	N	
F01.050.109	2-50-RCPM-2B2-SS3	50	10/13/2002	CLR	---	N	N	
G03.001.001	2-PSL-11	50	10/26/2002	CLR	---	N	N	
G03.001.002	2-PSL-133	50	10/27/2002	CLR	---	N	N	
G03.001.003	2-PSL-142	50	10/27/2002	CLR	---	N	N	
G04.001.007	2HP-218-18	51A	10/18/2002	CLR	---	N	N	
G04.001.010	2HP-214-13	51A	10/18/2002	CLR	---	N	N	
G04.001.011	2HP-214-15	51A	10/18/2002	CLR	---	N	N	
G04.001.017	2HP-214-14	51A	10/18/2002	CLR	---	N	N	
G04.001.018	2HP-216-7	51A	10/17/2002	CLR	---	N	N	
G04.001.019	2HP-216-8	51A	10/17/2002	CLR	---	N	N	
G04.001.020	2HP-216-9	51A	10/17/2002	CLR	---	N	N	
G04.001.021	2HP-217-10	51A	10/17/2002	CLR	---	N	N	
G04.001.022	2HP-217-11	51A	10/17/2002	CLR	---	N	N	
G04.001.023	2HP-217-12	51A	10/17/2002	CLR	---	N	N	
G04.001.024	2HP-218-20	51A	10/18/2002	CLR	---	N	N	
G04.001.025	2HP-218-21	51A	10/18/2002	CLR	---	N	N	
G04.001.026	2HP-218-22	51A	10/18/2002	CLR	---	N	N	
G08.001.001	2-PZR-WP63-1	50	10/23/2002	CLR	---	N	N	
G08.001.002	2-PZR-WP63-2	50	10/22/2002	CLR	---	N	N	
G08.001.003	2-PZR-WP63-3	50	10/23/2002	CLR	---	N	N	
G08.001.004	2-PZR-WP63-4	50	10/28/2002	CLR	---	N	N	
G08.001.005	2-PZR-WP63-5	50	10/28/2002	CLR	---	N	N	
G08.001.006	2-PZR-WP63-6	50	10/28/2002	CLR	---	N	N	

DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
In-Service Inspection Database Management System
Oconee 2 Inservice Inspection Listing
Interval 3 Outage 5

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
G08.001.007	2-PZR-WP63-7	50	10/27/2002	CLR	---	N	N	
G09.001.005	2-53B-17-104	53B	08/12/2002	CLR	---	N	N	
G09.001.015	2LP-148-91	53B	08/07/2002	CLR	---	N	N	
G09.001.019	2-53B-27-42	53B	08/06/2002	CLR	---	N	N	
G09.001.025	2-53B-28-48	53B	08/13/2002	CLR	---	N	N	
G09.001.026	2-53B-28-57	53B	08/13/2002	CLR	---	N	N	
G09.001.032	2-54A-5-17	54A	08/12/2002	CLR	---	N	N	
G09.001.033	2-54A-5-1A	54A	08/12/2002	CLR	---	N	N	
G09.001.043	2-51B-18-25	51B	10/25/2002	CLR	---	N	N	
G10.001.001	2-PHA-13	50	10/21/2002	CLR	---	N	N	
G10.001.002	2-PHA-14	50	10/21/2002	CLR	---	N	N	
G10.001.003	2-PHA-15	50	10/21/2002	CLR	---	N	N	
G10.001.007	2-PIA1-12	50	10/24/2002	CLR	---	N	N	
G12.001.004	2-51B-21-10A	51B	10/25/2002	CLR	---	N	N	
G12.001.005	2HP-415-45	51B	10/25/2002	CLR	---	N	N	
G12.001.011	2-51B-22-86	51B	10/25/2002	CLR	---	N	N	
G12.001.015	2-51B-26-25	51B	08/19/2002	CLR	---	N	N	

4.1 Reportable Indications

There were no reportable indications for the examinations associated with this report period.

4.2 Corrective Action

Corrective action is action taken to resolve flaws and relevant conditions, including supplemental examinations, analytical evaluations, repair / replacement activities, and corrective measures. There were no corrective actions for the examinations associated with this report period.

4.3 Corrective Measures

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

4.4 Limited Examinations

Limitations (i.e., 90% or less of the required examination coverage obtained) identified for examinations associated with this report period are shown below. A Request for Relief will be submitted to seek NRC acceptance of the limited coverage. Reference Subsection 1.3 for additional information.

Item Number	*Request for Relief Serial Number*
B01.011.004	03-003
B01.021.003	03-003
B03.090.001	03-003
B03.090.002	03-003
B03.090.007	03-003
B03.090.008	03-003
B03.100.007	03-003
B03.100.008	03-003
B03.110.009	01-01
B03.110.010	01-01
B03.110.011	01-01
B03.110.012	01-01
B03.120.009	01-01
B03.120.010	01-01
B03.120.011	01-01
B03.120.012	01-01
B09.011.011	03-003
B09.011.011A	03-003
B09.011.013	03-003

Item Number	***Request for Relief Serial Number***
B09.011.013A	03-003
C02.021.001	03-002
C02.021.002	03-002
C02.022.001	03-002
C02.022.002	03-002
C05.070.001	03-002

5.0 Owner's Report for Repair and Replacement Activities

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

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

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

Category 2 had 78 NIS-2 forms for work orders completed during this reporting period. Copies of the NIS-2 forms are included in this section of the report.

Category 3 items will be submitted in a future report. PIP # O-03-00458 was written to document the work orders that are category 3 items.

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

5.1 Class 1 and 2 Preservice Examinations

As required by the applicable code, Preservice Inspection (PSI) Examinations were performed on ISI Class 2 during this report period. PSI Examination data for items listed below is on file in the Oconee Nuclear Station QA Vault.

Work Orders	Weld Numbers	ISI Class	Type of Inspection	Comments
98135839	2HP-424-52	B	PT/RT	
98135839	2HP-424-53	B	PT/RT	
98135839	2HP-424-57	B	PT/RT	
98135839	2HP-424-58	B	PT/RT	
98481079	2MS-111-48	B	MT/UT	
98481079	2MS-111-49	B	MT/UT	
98481079	2MS-132-47	B	MT/UT	
98481079	2MS-132-51	B	MT/UT	
98481079	2MS-132-52	B	MT/UT	
98481079	2MS-132-53	B	MT/UT	
98481079	2MS-132-54	B	MT/UT	
98481079	2MS-132-55	B	MT/UT	

Work Orders	Weld Numbers	ISI Class	Type of Inspection	Comments
98481079	2MS-132-56V	B	MT	
98481079	2MS-133-44	B	MT/UT	
98481079	2MS-134-48	B	MT/UT	
98481079	2MS-134-49	B	MT/UT	
98481079	2MS-134-50V	N/A	MT	
98481079	2MS-135-53	B	MT/UT	
98481079	2MS-135-54	B	MT/UT	
98481079	2MS-136-208	B	MT/UT	
98481079	2MS-136-209	B	MT/UT	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551544-05
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 36 @ LOC. L-04.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed B. L. Blubaugh QA TECH. SPEC. Date 12-10-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/21/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98550224-05
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W / FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RIN ON CRDM NOZZLE 67 @ LOC. P-06.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Bubaugh QA TECH SPEC. Date 12-10-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98552871-07
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 63 @ LOC. B-10.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D. L. Blubaugh QA TECH. SPEC. Date 12-10-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/25/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98552070-05
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 11 @ LOC. F-10

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-10-02

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/22/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444

National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-03-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98557566 04
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SNUBBER ON S/R 2-50-0-1479A-H 12	GRINNELL	42126	N/A	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	SNUBBER ON S/R 2-50-0-1479A-H 12	GRINNELL	34187	N/A	N/A	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACE SNUBBER ON S/R 2-50-0-1479A-H12

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/25/02 to 10/28/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-12-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98135839-11
Repair Organization Job #

3b. NSM or MM # 12800

4. Identification of System HIGH PRESSURE INJECTION 69 Class 2

5. (a) Applicable Construction Code ~~ANSI B31.7~~ 19 98 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-51-1478A-H6127	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-57-1478A-H6127

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry Mancill QA Spec Date NOV 12, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/29/02 to 10/30/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/11, ~~19~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-12-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98135839
Repair Organization Job #

3b. NSM or ~~MM~~ # 12800

4. Identification of System HIGH PRESSURE INJECTION Class 2

5. (a) Applicable Construction Code ASME III 19 74 Edition 1975/SUMMER Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	PIPING	D.P. Co.	NA	NA	NA	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work INSTALLED SPOOL PIECES UPSTREAM & DOWNSTREAM OF 2SF-101.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	~~1827~~ 2460 psig	Test Temp.	NOT °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks TEST NO. 22FN385
PERFORMED NDE & SYS. LEAK TEST PER ASME CODE CASE N416-1.

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC Date NOV. 22, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/2/02 to 10/30/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 12/11/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-4-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98486159-07
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System Reactor Coolant Class 1

5. (a) Applicable Construction Code ASME III 1965 Edition, Winter 1967 Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Valve 2RC-66	Dresser	BW 08706	N/A	N/A	1999	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work Replaced disc + (1) 7/8" nut on discharge side of valve 2RC-66
valve size 2 1/2 x 4"

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	2240 psig	Test Temp.	N.O.T. °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks Test # 21LRN-377

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [illegible] / QC Specialist Date 12-4-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/8/02 to 11/10/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[illegible] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 12/11/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11/20/02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98486102-04
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System Reactor Coolant Class 1

5. (a) Applicable Construction Code ASME III 1965 Edition, Summer 1967 Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Valve 2RC-67	Dresser	BL08894	N/A	N/A	1970	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work Replace 2RC-67 valve (2½" x 6") with spare valve and installed/replaced disc.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	2240 psig	Test Temp.	NOT °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks Test # 21LRN-377

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P Hoobm / QC Specialist Date 12-3-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/14/02 to 11/9/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/11/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-4-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
   LJM 12-11-02

3a. Work Order # 98486103-06
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System ~~ASME III~~ REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1965 Edition, Summer 1967 Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Valve 2RC-68	Dresser	BL-08896	N/A	N/A	1970	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	Bolting	N/A	N/A	N/A	N/A	1967	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	Valve 2RC-68	Dresser	BT04975	N/A	N/A	1970	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work Replaced 2 1/2" x 6" Valve 2RC-68 with spare and replaced disc (2) 1" inlet nuts, (20") of 1/2" rod + (4) 1/2" nuts for leak off flange

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	2240 psig	Test Temp.	N.O.T. °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks Test # 21 LRN-377

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P Hooker / QC Specialist Date 12-4-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/14/02 to 11/11/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/11/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98548966-07
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, 1986* NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W / FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

* ALL 8 BOLTS.

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 18 @ LOC. M-09.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed G. L. Blubaugh QA TECH. SPEC. Date 12-16-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/18/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/16/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98550222-05
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 31 @ LOC. D-10.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-16-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/16/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98550377.09
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, 86* NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

* 7 OF THE BOLTS.

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 15 @ LOC. E-09.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh GA TECH. SPEC. Date 12-16-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/16/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98550219-05
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 09 @ LOC. H-06.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-16-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/16/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98548969-07
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W / FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RIN ON CRDM NOZZLE 30 @ LOC. D-06.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-16-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/1/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/16/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98548965-07
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 06 @ LOC. F-08.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-16-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/16/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551263-09
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, 86* NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W / FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

* 6 OF THE BOLTS.

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 28 @ LOC. M-11

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-16-02

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC1444

National Board, State, Providence and Endorsements

Date 12/16/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98526604-03
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, 86* NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

* FOR BOLTS

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 01 @ LOC. H-08

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-16-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/16/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-21-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98503337-01
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System Feedwater Class 2

5. (a) Applicable Construction Code B31.1 1967 Edition, — Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Bolting	N/A	N/A	N/A	N/A	7/67	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work Replaced (12) 1" studs & Nuts, Body/Bonnet, on valve 2FDW 34

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pitoolm / QC Specialist Date 11-21-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 11-11-02 to 11-12-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12-12-02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-4-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98386763-01
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System Low Pressure Injection Class 2

5. (a) Applicable Construction Code B31.7 1969 Edition, — Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Bolting	N/A	N/A	N/A	N/A	1969 ~~N/A~~	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B						N/A 12/4/02	☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work Replaced Body/Bonnet bolting (16) 7/8" studs + (32) 7/8" nuts in valv 2LP-4

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [illegible]/QC Specialist Date 12-4-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/23/02 to 10/27/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[illegible] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 12/12/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-3-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98553670-01
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System Low Pressure Injection Class 2

5. (a) Applicable Construction Code B31.7 19 69 Edition, — Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Valve 2LP-12	Fisher	6489111 ~~6848~~ PH 12-3-02	2750	N/A	1977	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work Replaced disc assy. in 8" valve 2LP-12

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] / QC Specialist Date 12-3-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/30/02 to 11/6/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 1/7/03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 1-6-03

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551145-08
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System MAIN FEEDWATER Class 2

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, 3/1969 Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING FOR MFDW RISER #29 ON B S.G.	NA	NA	NA	NA	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-3/4" STUDS & 16-3/4" NUTS ON MFDW RISER NO. 29 ON B-S.G.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 1-6-03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 11/11/02 to 11/11/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 1/7/03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 1-6-03

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98557145-01
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # NA

4. Identification of System MAIN FEED WATER Class B

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition 3/1969 Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING FOR MFW RISER	NA	NA	NA	NA	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	#23 ON B-SG.						☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-3/4" STUDS + 16-3/4" NUTS ON MAIN FEED WATER RISER NO. 23.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH SUPPORT SPEC. Date 1-6-03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 11/11/02 to 11/11/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC 1444
National Board, State, Providence and Endorsements

Date 1/7/03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-4-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551054
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System LOW PRESSURE SERVICE WATER Class 2

5. (a) Applicable Construction Code ANSI B31.1 9/1967 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	PIPING	D.P.Co.	N/A	N/A	N/A	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	Bolting	N/A	N/A	N/A	N/A	1967	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

Replaced (4) 5/8" studs + (8) 5/8" nuts

7. Description of Work REPLACED FLEX HOSE 2LPSFX0009.

8. Test Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure 132 psig Test Temp. NOT °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks TEST No. 22HR-450

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 4, 2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 11/1/02 to 11/2/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444

Inspector's Signature National Board, State, Providence and Endorsements

Date 11/7/03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-4-02

Sheet 2 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551053
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System LOW PRESSURE SERVICE WATER Class 2

5. (a) Applicable Construction Code ANSI B31.1 7/1967 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	PIPING	D.P.Co.	N/A	N/A	N/A	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	Bolting	N/A	N/A	N/A	N/A	1967	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

Replaced (8) 5/8" Nuts + (24") of 5/8" threaded rod

7. Description of Work REPLACED FLEX HOSE 2LPSFX0011

8. Test Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	132 psig	Test Temp.	NOT °F
Pressure	psig	Test Temp.	°F
Pressure	psig	Test Temp.	°F

9. Remarks TEST No. 22HR-450

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 4, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/28/02 to 11/4/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 1/7/03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 01-06-03

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98386258-01
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System STEAM DRAIN Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SR 2-01A-0-14018-R15	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPAIRS WELDS ON S/R 2-01A-0-1401B- R15

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry Mamgill QA SPEC. Date JAN 16, 2003
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 11/5/02 to 11/6/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC1444
National Board, State, Providence and Endorsements

Date 1/7/03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-3-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98464585-04
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System LOW PRESSURE SERVICE WATER Class 2

5. (a) Applicable Construction Code ANSI B31.1 JULY 1967 Edition NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	NA	NA	NA	NA	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work: REPLACED BOLTING ON ~~SUCTION~~ SUPPLY & DISCHARGE (PSW) HEADE. FLANGES ON RBCU-2C USED 16 NUTS & 8 STUDS ON EA. FLANG 5/8 X 3 1/4" REPLACED BOLTING ON RBCU-2C WATERBOX COVER. USED 34 STUDS & NUTS, 5/8" X 2 1/4".

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blackburn QA TECH. SPEC. Date 12-3-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/10/02 to 11/10/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/4/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By The Provisions Of The ASME Code Section XI

1a. Date 10-3-01

Sheet 1 of 1

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte NC 28201-1006

2. Plant Address: OCONEE NUCLEAR STATION
7800 ROCHESTER HWY, SENECA, S.C. 29672

2a. Unit: 1 (2) 3 Shared (specify Units _____)

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98237256
Repair Organization Job #

Type Code Symbol Stamp: N/A Authorization No. N/A Expiration Date: N/A

3b. NSM or MM #: NA

4. (a) Identification of System: (HPI) High Pressure Injection (b) Class of System: B(2)

5. (a) Applicable Construction Code: SEE ATTACHED LTR Edition, NA Addenda, NA Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components Repaired or Replaced and Replacement Components:

	Column 1	Column 2	Column 3	Column 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Mfg.	Mfg. Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	2A HPI Pump	INGERSOLL RAND	41031	NA	NA	1969	Repaired, Replaced, Replacement	No Yes
B	2A HPI PUMP	INGERSOLL RAND	1A81A	NA	NA	1969	Repaired, Replaced, Replacement	No Yes
C	BOLTING	NA	NA	NA	NA	NA	Repaired, Replaced, Replacement	No Yes
D							Repaired, Replaced, Replacement	No Yes
E							Repaired, Replaced, Replacement	No Yes
F							Repaired, Replaced, Replacement	No Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items1 through 6 on this 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.

7. Description of Work REPLACED 2A HPI PUMP W/SPARE + DISCHARGE FLANGE BOLTING + 1-2 1/2" CASING BOLT/STUD. (8EA) 1 1/4")

8. Test Conducted: Hydrostatic Pneumatic Nom. Operating Press. Other Exempt

Pressure _____ psig Test Temp. N.O.T. °F
Pressure _____ psig Test Temp. _____ °F
Pressure _____ psig Test Temp. _____ °F

9. Remarks TEST No. 22FR-370 W.O.# 98237256-03 PERFORMED VT-2 LEAK TEST @ SYSTEM TEMP. & PRESSURE.

(Applicable Manufacturer's Data Records to be attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blackburn QA TECH. SPEC Date 8-14-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 5-26-01 to 8-15-02; 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 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 the 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.

J Tompkins Commissions N.C. 1483 ANII
Inspector's Signature National Board, State, Province and Endorsements

Date 8-15-02

ATTACHMENT TO NIS-2 W.O. 98257256-18

Gerald Ottman
08/01/2002 04:10 PM

To: Gilbert L Blubaugh/Gen/DukePower@DukePower
cc:
bcc:
Subject: HPI Questions and Answers

Attached is the response to my request for code of record for the HPI pumps.Please advise if you need additional information.

----- Forwarded by Gerald Ottman/Gen/DukePower on 08/01/2002 04:10 PM -----

lholliday@flowserve.com
08/01/2002 03:43 PM

To: "Gerry Ottman" <giottman@duke-energy.com>
cc:
bcc:
Subject: HPI Questions and Answers

Gerry
As requested I looked into the codes or construction of the HPI pumps and have the following information to offer.

Ingersoll-Rand Manufacturing codes and or procedures, Hydraulic standards of that time, and API standards 5th addition, the HPI pumps were built to no other codes.

I hope this answers your question, not exactly what you were looking for I'm sure, but the facts.

Best regards

Lee Holliday
Nuclear Account Manager
Office 864-814-0582
Fax 864-814-6749
Mobile 864-621-6142

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte NC 28201-1006

1a. Date 9-26-01
Sheet 1 of 1

2 Plant Address: OCONEE NUCLEAR STATION
7800 ROCHESTER HWY, SENECA, S.C. 29672

2a. Unit: 1 (2) 3 Shared (specify Units _____)

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order # : 98373319-01
Repair Organization Job #

Type Code Symbol Stamp: N/A Authorization No. N/A Expiration Date: N/A

3b. NSM or MM #: —

4. (a) Identification of System: HP

4. (b) Class of System: 2

5. (a) Applicable Construction Code: B31.7 1969 Edition, — Addenda, — Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components Repaired or Replaced and Replacement Components:

	Column 1	Column 2	Column 3	Column 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Mfg.	Mfg. Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Valve 2HP-13	Walworth	68K892 1	N/A	N/A	N/A	Repaired, Replaced, (Replacement)	(No) Yes
B							Repaired, Replaced, Replacement	No Yes
C							Repaired, Replaced, Replacement	No Yes
D							Repaired, Replaced, Replacement	No Yes
E							Repaired, Replaced, Replacement	No Yes
F							Repaired, Replaced, Replacement	No Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items1 through 6 on this 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.

7. Description of Work Replaced body/bonnet bolting material on 2HP-13

8. Test Conducted: Hydrostatic Pneumatic Nom. Operating Press Other (Exempt)

Pressure _____ psig Test Temp. _____ °F
Pressure _____ psig Test Temp. _____ °F
Pressure _____ psig Test Temp. _____ °F

9. Remarks

(Applicable Manufacturer's Data Records to be attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A

Signed [illegible]/QC Specialist Date 9-26, 2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Connecticut and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 5/9/01 to 9/26/01; 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 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 the 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.

[illegible] Commissions 6H 360 NIC
Inspector's Signature National Board, State, Province and Endorsements

Date OCT 0 2 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 8-1-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98314201-04
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System Reactor Coolant Class 1

5. (a) Applicable Construction Code B31.7 1969 Edition, — Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Valve 2RC-67	Consolidated	BL08889	N/A	N/A	1989	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

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7. Description of Work Replaced Nozzle, bonnet, & bellows assy. on valve 2RC-67

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Loop A	Pressure	2161 psig	Test Temp.	N/A °F
Loop B	Pressure	2190 psig	Test Temp.	N/A °F
	Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks VT-2 test # 21LRN/320 (Class A test)

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Pltoohn / QC Specialist Date 8-1-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB-CT have inspected the components described in this Owner's Report during the period 4-29-02 to 8-8-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J Longley Commissions N.C 1483 ANII
Inspector's Signature National Board, State, Providence and Endorsements

Date 8-8-02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 8-1-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98314202-06
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System Reactor Coolant Class 1

5. (a) Applicable Construction Code B31.7 1969 Edition, — Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Valve 2RC-68	Dresser	BT-04975	N/A	N/A	1979	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work Replaced Disc + bellows assy. on 2RC-68

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Loop A	Pressure	2161 psig	Test Temp.	N/A °F
Loop B	Pressure	2190 psig	Test Temp.	N/A °F
	Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks VT-2 test # 21LRN/320 (Class A test)

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P Hoobs / QC Specialist Date 8-1-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 5-20-01 to 8-1-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J Dymsby Commissions N.C 1483 ANII
Inspector's Signature National Board, State, Providence and Endorsements

Date 8-8-02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9-19-01
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98326000-01
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # N/A

4. Identification of System STEAM DRAIN Class 2 LWW 02-27-02

5. (a) Applicable Construction Code B31.1 1967 Edition, 7 N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HYDRAULIC SNUBBER 2-01A-1-1-1401B-H43	ANVIL	34187	N/A	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	HYDRAULIC SNUBBER 2-01A-1-1-1401B-H43	ANVIL	18782	N/A	N/A	1974	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACE HYDRAULIC SNUBBER ON SIR 2-01A-1-1-1401B-H43

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date SEPT. 19, ~~19~~ 2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of VIRGINIA and employed by HARTFORD STEAM Boiler I&I of CT have inspected the components described in this Owner's Report during the period 9-20-2000 to 2-27-2002; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions VA558
Inspector's Signature National Board, State, Providence and Endorsements

Date 27 Feb, ~~19~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte NC 28201-1006

1a. Date 8-1-01
Sheet 1 of 1

2. Plant Address: OCONEE NUCLEAR STATION
7800 ROCHESTER HWY., SENECA, S.C. 29672

2a. Unit: 1 (2) 3 Shared (specify Units _____)

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order # : 98386770-01
Repair Organization Job #

3b. NSM or MM #: NA

Type Code Symbol Stamp: N/A Authorization No. N/A Expiration Date: N/A

4. (a) Identification of System: LP

4. (b) Class of System: 2

5. (a) Applicable Construction Code: ANSI B31.7 8-69 Edition, _____ Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components Repaired or Replaced and Replacement Components:

	Column 1	Column 2	Column 3	Column 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Mfg.	Mfg. Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-53B-5-0-1436A-R5	DPC	NA	NA	NA	NA	(Repaired) Replaced, Replacement	(No) Yes
B							Repaired, Replaced, Replacement	No Yes
C							Repaired, Replaced, Replacement	No Yes
D							Repaired, Replaced, Replacement	No Yes
E							Repaired, Replaced, Replacement	No Yes
F							Repaired, Replaced, Replacement	No Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items1 through 6 on this 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.

7. Description of Work Welded shim to S/R 2-53B-5-0-1436A-R5

8. Test Conducted: Hydrostatic Pneumatic Nom. Operating Press. Other Exempt

Pressure _____ psig Test Temp. _____ °F
Pressure _____ psig Test Temp. _____ °F
Pressure _____ psig Test Temp. _____ °F

9. Remarks

(Applicable Manufacturer's Data Records to be attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A

Signed D.S. Morison Date 8-1, 2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 5/10/01 to 8/8/01; 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 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 the 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.

C.T. Smith Commissions 6A-360 NIC
Inspector's Signature National Board, State, Province and Endorsements

Date AUG 08 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By The Provisions Of The ASME Code Section XI

1a. Date 9-2-01

Sheet 1 of 1

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte NC 28201-1006

2. Plant Address: OCONEE NUCLEAR STATION
7800 ROCHESTER HWY, SENECA, S.C. 29672

2a. Unit: 1 (2) 3 Shared (specify Units _____)

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98314208-07
Repair Organization Job #

Type Code Symbol Stamp: N/A Authorization No. N/A Expiration Date: N/A

3b. NSM or MM #: —

4. (a) Identification of System: RC

4. (b) Class of System: 1

5. (a) Applicable Construction Code: B31.7 1969 Edition, — Addenda, — Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components Repaired or Replaced and Replacement Components:

	Column 1	Column 2	Column 3	Column 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Mfg.	Mfg. Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Valve 2RC-66	Dresser	BW08706	Unavailable	Unavailable	N/A	Repaired, Replaced, Replacement	No Yes
B							Repaired, Replaced, Replacement	No Yes
C							Repaired, Replaced, Replacement	No Yes
D							Repaired, Replaced, Replacement	No Yes
E							Repaired, Replaced, Replacement	No Yes
F							Repaired, Replaced, Replacement	No Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items1 through 6 on this 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.

7. Description of Work Replaced 1 inlet flange nut on 2RC-66

8. Test Conducted: Hydrostatic Pneumatic (Nom. Operating Press.) Other Exempt

Pressure 2190 psig Test Temp. NOP °F
Pressure _____ psig Test Temp. _____ °F
Pressure _____ psig Test Temp. _____ °F

9. Remarks VT-2 Test 21LRN-320 WO 98300800-01

(Applicable Manufacturer's Data Records to be attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QC Specialist Date 7-2, 2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 5/21/01 to 7/31/01; 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 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 the 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.

[signature] Commissions 6A-360 NC
Inspector's Signature National Board, State, Province and Endorsements

Date JUL 31 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte NC 28201-1006

1a. Date 8-1-01
Sheet 1 of 1

2. Plant Address: OCONEE NUCLEAR STATION
7800 ROCHESTER HWY, SENECA, S.C. 29672

2a. Unit: 1 (2) 3 Shared (specify Units _____)

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98386970-01
Repair Organization Job #

Type Code Symbol Stamp: N/A Authorization No. N/A Expiration Date: N/A

3b. NSM or MM #: NA

4. (a) Identification of System: HP

4. (b) Class of System: 2

5. (a) Applicable Construction Code: ~~ASME~~ B31.7 8-69 Edition, _____ Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components Repaired or Replaced and Replacement Components:

	Column 1	Column 2	Column 3	Column 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Mfg.	Mfg. Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-51A-2-0-438C-SP115	DPC	NA	NA	NA	NA	(Repaired) Replaced, Replacement	(No) Yes
B							Repaired, Replaced, Replacement	No Yes
C							Repaired, Replaced, Replacement	No Yes
D							Repaired, Replaced, Replacement	No Yes
E							Repaired, Replaced, Replacement	No Yes
F							Repaired, Replaced, Replacement	No Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items1 through 6 on this 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.

7. Description of Work Welded shim to S/R 2-51A-2-0-438C-5P115

8. Test Conducted: Hydrostatic Pneumatic Nom. Operating Press. Other (Exempt)

Pressure _____ psig Test Temp. _____ °F
Pressure _____ psig Test Temp. _____ °F
Pressure _____ psig Test Temp. _____ °F

9. Remarks

(Applicable Manufacturer's Data Records to be attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A

Signed J S Mason Date 8-1, 2001
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 5/10/01 to 8/8/01; 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 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 the 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.

C.T. [illegible] Commissions Lt 360 NIC
Inspector's Signature National Board, State, Province and Endorsements

Date AUG 0 8 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-15-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98481079 70
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # 23067

4. Identification of System AUXILIARY STEAM 69 Class 2

5. (a) Applicable Construction Code ~~ANSI B31.1~~ ~~AWS D1.1~~ 1998 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.) QMM 12-04-02

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SR 2-05-1403D-H4136	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-05-1403D-H4136

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry C. Mangill QA SPEC. Date NOV 15, ~~19~~ 2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 8-25-02 to 10-30-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444

National Board, State, Providence and Endorsements

Date 1-14, ~~19~~ 2003

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-15-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98481079 66
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # 23067

4. Identification of System STEAM DRAIN 69 Class 2

5. (a) Applicable Construction Code ~~ANSI B31.7~~ ANSI B31.1 19~~68~~ 98 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.) Kiau 12-04-02

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-01A-1-1-0-1401B-HT	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

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7. Description of Work MODIFY S/R 2-01A-1-1-0-1401B-H7

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry C. Mangrill QA SPEC. Date NOV. 15, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-22-02 to 10-24-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 1-14, ~~19~~ 2003

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-15-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98499597-27
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. (NSM) or MM # 23067

4. Identification of System AUXILIARY STEAM 609 Class 2

5. (a) Applicable Construction Code ANSI B31.7 1968 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.) LMM 12-04-02

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-05A 14013-H4212	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

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7. Description of Work MODIFY S/R 2-05A-1401B-H4212

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry C Mangell QA SPEC. Date NOV 15, ~~19~~ 2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-24-02 to 10-27-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC 444

National Board, State, Providence and Endorsements

Date 1-14, ~~19~~ 2003

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 1/4/02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98481079-2341
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # 23067

4. Identification of System STEAM DRAIN Class 2

5. (a) Applicable Construction Code ~~AWS D1.1 1998~~ ANSI B31.7 1969 Edition, N/A Addenda, N/A N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-01A-1401B-H4284	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B	SNUBBER ON S/R 2-01A-1401B-H4284	LISEGA	98499597-14	N/A	N/A	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work *MODIFY S/R 2-01A-1401B-H4284
INSTALL SNUBBER ON S/R 2-01A-1401B-H4284

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC Date NOV 15, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-5-02 to 10-28-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 1-14, ~~19~~ 2003

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-15-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98481079-64
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # 23067

4. Identification of System STEAM DRAIN 4NSL0081.7 69 Class 2

5. (a) Applicable Construction Code ~~ANSI B31.1~~ 19~~98~~ Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.) LCM 12-04-02

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SIR 2-01A-1-1-0-1401B-H1	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-01A-1-1-0-1401B-H1

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry W Mancill QA SPEC. Date NOV 15, ~~19~~ 2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-11-02 to 10-25-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC 1444

National Board, State, Providence and Endorsements

Date 1-14, ~~19~~ 2003

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-15-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98499597-43
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # 23067

4. Identification of System STEAM DRAIN 69 Class 2

5. (a) Applicable Construction Code ~~ANSI B31.1~~ ANSI B31.7 19 98 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.) RAM 12-04-02

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SR 2-01A-1-1-0-1401B-H1	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-01A-1-1-0-1401B-H1

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A. Expiration Date N/A

Signed Lauri Mangold QA SPEC. Date NOV. 15, ~~19~~ 2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 11-1-02 to 11-1-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC 1444

National Board, State, Providence and Endorsements

Date 1-14, ~~19~~ 2003

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10-25-02
Sheet 2 of 4

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98481079
Repair Organization Job #

3b. ~~NSM~~ or MM # 23067 AM1

4. Identification of System MAIN STEAM Class 2

5. (a) Applicable Construction Code *ASME III 1989 Edition, 1990 Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	VLV. 2MS-33	CRANE	021738-03	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* B	VLV 2MS-33	VELAN INC.	022143	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
C	VLV. 2MS-35	CRANE	021727-37	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* D	VLV. 2MS-35	VELAN INC.	012108	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
E	VLV. 2MS-36	CRANE	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* F	VLV. 2MS-36	VELAN INC.	022067	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED M.S. VLV's. & PIPING.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	891 psig	Test Temp.	NOT °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks PERFORMED SYS. LEAK TEST & NDE PER ASME CODE CASE N416-1 & REQUEST FOR ALTERNATIVE No. 2001-013.
TEST No. 22FR-424

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 9-16-02 to 11-21-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 1-14-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10-25-02

Sheet 3 of 4

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98481079
Repair Organization Job #

3b. ~~NSM~~ or MM # 23067 Am1

4. Identification of System MAIN STEAM Class 2

5. (a) Applicable Construction Code *ASME III 19 89 Edition, 1990 Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	VLV. 2MS-76	CRANE	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* B	VLV. 2MS-76	VELAN INC.	022032	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
C	VLV. 2MS-79	CRANE	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* D	VLV. 2MS-79	VELAN INC.	022068	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
E	VLV. 2MS-82	CRANE	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* F	VLV. 2MS-82	VELAN INC.	022088	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED M.S. VLV'S. & PIPING.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure 891 psig Test Temp. NOT °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks PERFORMED SYS. LEAK TEST & NDE PER ASME CODE ~~TEST~~ CASE N416-1 & REQUEST FOR ALTERNATIVE NO. 2001-013. TEST NO. 22FR-424

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 3, 2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-16-02 to 11-21-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444

Inspector's Signature National Board, State, Providence and Endorsements

Date 1-14-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10-25-02

Sheet 4 of 4

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98481079
Repair Organization Job #

3b. NSM or MM # 23067 AMI

4. Identification of System MAIN STEAM Class 2

5. (a) Applicable Construction Code *ASME III 19 89 Edition, 1990 Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	VLV. 2MS-84	CRANE	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* B	VLV. 2MS-84	VEXAN INC.	022043	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
C	PIPING	D.P.Co.	NA	NA	NA	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED M.S. VLV'S. & PIPING.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	891 psig	Test Temp.	NOT °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks PERFORMED SYS. LEAK TEST & NDE PER ASME CODE CASE N416-1 & REQUEST FOR ALTERNATIVE No. 2001-013.
TEST No. 22FR424

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC. 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 9-16-02 to 11-21-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 1-14-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10-25-02

Sheet 1 of 4

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98481079
Repair Organization Job #

3b. ~~NSM~~ or MM # 23067 AM1

4. Identification of System MAIN STEAM Class 2

5. (a) Applicable Construction Code *ASME III 1989 Edition, 1990 Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	VLV. ZMS-17	CRANE	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* B	VLV. ZMS-17	VELAN INC.	022033	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
C	VLV. ZMS-24	CRANE	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* D	VLV. ZMS-24	VELAN INC.	022089	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
E	VLV. ZMS-26	CRANE	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
* F	VLV. ZMS-26	VELAN INC.	022098	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED M.S. VLV'S & PIPING.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	891 psig	Test Temp.	NOT °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks PERFORMED SYS. LEAK TEST & NDE PER ASME CODE CASE N416-1 & REQUEST FOR ALTERNATIVE No. 2001-013.
TEST No. 22FR424

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 9-16-02 to 11-21-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 1-14-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10-22-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98484797
Repair Organization Job #

3b. NSM or MM # 15446

4. Identification of System LOW PRESSURE INJECTION Class 2

5. (a) Applicable Construction Code *ASME III 19 89 Edition, 1990 Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	VLV. 2-LP-16	W.M. POWELL	99162A	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
* B	VLV. 2LP-16	CRANE NUCLEAR INC.	C9885	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
C	PIPING	D.P.Co.	NA	NA	NA	9/94	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED VALVE AND PIPING

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	300 psig	Test Temp.	NOT °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks TEST # 22 FRN 381

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Lauri Mamgo QA SPEC. Date DEC 2, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 10/20/02 to 10/29/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 1/15/03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10-30-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98484797 ~~06~~ 15 LJM
Repair Organization Job #

3b. NSM or MM # 15416

4. Identification of System CORE FLOOD Class 2
   LJM ANSI B31.7

5. (a) Applicable Construction Code ~~AWS D1.1~~ 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-53B-1436A-H5540	D.P.C.	N/A	N/A	N/A	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work INSTALL S/R 2-538-1436A-H5540

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date OCT. 30, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 9/2/02 to 10/2/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 144
Inspector's Signature National Board, State, Providence and Endorsements

Date 1-15-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 01-16-03
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551566-05
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System FEEDWATER & EMERGENCY FEEDWATER Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SNUBBER ON S/R 2-03-0-1480A-H7A	GRINNELL	5034	N/A	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	SNUBBER ON S/R 2-03-0-1480A-H7A	GRINNELL	35343	N/A	N/A	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACE SNUBBER ON S/R 2-03-0-1480A-H7A

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry T. Mamorell QA SPEC. Date JAN 16, 2003
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 11-2-02 to 11-2-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 1-16-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 04-16-03
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551566-02
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SNUBBER ON S/R 2-50-0-1480A-H11	GRINNELL	4835	N/A	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	SNUBBER ON S/R 2-50-0-1480A-H11	GRINNELL	35021	N/A	N/A	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACE SNUBBER ON S/R 2-50-0-1450A-H 11

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry C. Mangum QA SPEC. Date JAN 16, 2003
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/27/02 to 10/27/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 1-16-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-03-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98557551 01
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System FEEDWATER & EMERGENCY FEEDWATER Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SR 03-2-1481A-H11A	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 03-0-148/A-H11A

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC. 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 11-4-02 to 11-7-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 1-16-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-03-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98386602-01
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System HIGH PRESSURE INJECTION Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SIR 2-51A-6-0-4358-SR59	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-57A-6-0-435B- SR59

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-27-02 to 11-8-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 1-16-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-03-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98468907 33
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SIR 2-50-0-1066A-RCPM-2A2-SS1	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 250-0-1066A-RCDM-2A2-551

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by NSB CT have inspected the components described in this Owner's Report during the period 10-16-02 to 10-16-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 14464
Inspector's Signature National Board, State, Providence and Endorsements

Date 1-16-03

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-07-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98483679-02
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ANSI B31.7 19 68 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SNUBBER ON S/R 2-50-0-1480A-H8	GRINNELL	30222	N/A	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	SNUBBER ON S/R 2-50-0-1480A-H8	GRINNELL	35550	N/A	N/A	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACE SNUBBER ON S/R 2-50-0-1480A-H8

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry C. Mamgill QA SPEC. Date NOV. 07, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/17/02 to 10/22/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC 1444
National Board, State, Providence and Endorsements

Date 1-16, ~~19~~ 2003

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 1-14-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98484796-12
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # 15414

4. Identification of System LOW PRESSURE INJECTION Class 2

5. (a) Applicable Construction Code AWS D1.1 19 98 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SR2-53B--H36A-H5539	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-53B-1436A-H5539

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry L. Mamgill QA SPEC. Date NOV 14, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/2/02 to 10/2/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/18, ~~19~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10-29-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98484796
Repair Organization Job #

3b. NSM or MM # 15414

4. Identification of System LOW PRESSURE INJECTION Class 2

5. (a) Applicable Construction Code *ASME III 19 89 Edition, 1990 Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	VLV. ZLP-15	W.M. POWELL	58150	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
* B	VLV. ZLP-15	CRANE NUCLEAR INC.	C9882	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
C	PIPING	D.P.Co.	NA	NA	NA	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED VLV. 2LP-15 & ASSOCIATED PIPING.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	315 psig	Test Temp.	NOT °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks PERFORMED SYS. LEAK TEST & NDE IAW/ASME CODE CASE N416-1

TEST NO. 22 ~~FAT~~ ERN 382

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date DEC 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 9/25/02 to 10/2/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 444
Inspector's Signature National Board, State, Providence and Endorsements

Date 12/18/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-11-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551057-01
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System LOW PRESSURE SERVICE WATER Class 2

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	PIPING	D.P. Co.	NA	NA	NA	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	Bolting	N/A	N/A	N/A	N/A	7/67 ~~N/A~~	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C						PH 11/21/02	☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED FLEX HOSE. + Bolting - 5/8" threaded rod 16 5/8" nuts

8. Test Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ Exempt

Pressure	132 psig	Test Temp.	74.3 °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks TEST No. 22HR-451

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry L. Mamorell QA SPEC. Date NOV. 14, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/30/02 to 11/2/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/11/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company, 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-3-02

Sheet 1 of 1

2. Plant Address: Oconee Nuclear Station, 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
Address 526 S. Church Street, Charlotte, NC 28201-1006
Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98464586-04
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System LOW PRESSURE SERVICE WATER Class 2

5. (a) Applicable Construction Code ANSI B31.1 7/1967 Edition, N/A Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	N/A	N/A	N/A	N/A	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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. REPLACED BOLTING ON ~~SECTION~~ SUPPLY & DISCHARGE LPSW HEADER FLANGES ON RBCU-2B. USED 8 STUDS & 16 NUTS ON EACH SET OF FLANGES 5/8" X 3 1/2".

7. Description of Work REPLACED BOLTING ON RBCU-2B WATERBOX COVER. USED 34 STUDS & NUTS 5/8" X 2 1/4."

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA TECH. SPEC. Date 12-3-02

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/23/02 to 11/10/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444

Inspector's Signature National Board, State, Providence and Endorsements

Date 12/4/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-3-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98464584-04
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System LOW PRESSURE SERVICE WATER Class 2

5. (a) Applicable Construction Code ANSI B31.1 7/ 1967 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	NA	NA	NA	NA	9/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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. REPLACED BOLTING ON ~~SUCTION~~ LPS SUPPLY & DISCHARGE LPSW HEADER FLANGES ON RBCU-2A. COIL A-1 & A-2 8 STUDS & 16 NUTS ON EACH FLANGE 5/8" X 3 1/2"

7. Description of Work REPLACED BOLTING ON RBCU-2A WATERBOX COVER, USED 34 STUDS & NUTS 5/8" X 2 1/4".

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed G. R. Blatnych QA TECH. SPEC. Date 12-3-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/17/02 to 11/10/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC1444
National Board, State, Providence and Endorsements

Date 12-4-02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-14-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98483679-01
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # N/A

4. Identification of System HIGH PRESSURE INJECTION Class 1

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SNUBBER ON S/R 50-0-1479A-H1A	GRINNELL	18596	N/A	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	SNUBBER ON S/R 50-0-1479A-H1A	GRINNELL	35551	N/A	N/A	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACE SNUBBER ON S/R 50-0-1479A-H1A

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Lawrence Mangill QA SPEC. Date NOV 14, ~~19~~ 2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/17/02 to 10/21/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444

National Board, State, Providence and Endorsements

Date 11-14, ~~19~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-12-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3a. Work Order # 98468907-54
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ~~AWS D1.1~~ ANSI B31.7 1969 19~~96~~ Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-50-0-1066A-RCPM-2A2-SS3	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-50-0-1066A- RCPM-2A2-553

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date NOV. 12, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 7/17/02 to 10/30/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 11/21, ~~19~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-12-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98468907-54
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1
   ANSI B31.7 1969

5. (a) Applicable Construction Code ~~AWS D1.1~~ ~~1-21-19~~ 98 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 2-500-1016A-RCPM-2A2-552	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-50-0-1066A-RCPM-2A2-552

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SOVEC Date NOV. 12, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 7/18/02 to 11/11/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 11-21, ~~18~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-12-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98468907-54
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ~~AWS D1.1~~ ANSI B31.7 1974 ~~19 98~~ Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SIR2-50-0-1066A-RCPM-2A2-551	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-50-0-1066A-RCPM-2A2-SS1

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date NOV 12, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 8/12/02 to 11/1/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 11-21, ~~19~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10-30-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98437640-01
Repair Organization Job #

3b. NSM or MM # —

4. Identification of System Reactor Building Spray Class 2

5. (a) Applicable Construction Code B31.7 1969 Edition, — Addenda, — Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Bolting	N/A	N/A	N/A	N/A	N/A	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work Replaced (16 studs + 32 nuts) Body/Bonnet bolting on 2BS-17

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed P Hooks QC Specialist Date 10-30-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-17-02 to 10-23-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 11-14-02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-12-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98557566 03
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SNUBBER ON S/R 50-0-1480A-H10	GRINNELL	9929	N/A	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	SNUBBER ON S/R 50-0-1480A-H10	GRINNELL	35387	N/A	N/A	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REBUILD SNUBBER ON S/R 50-0-1480A-H10

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC. Date NOV. 12, ~~19~~ 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/28/02 to 10/28/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 12-2, ~~19~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 11-05-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98378377 07
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System CORE FLOOD Class 2

5. (a) Applicable Construction Code AWS D1.1 1998 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	S/R 53B-436E-EMO-H61	D.P.C.	N/A	N/A	N/A	N/A	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-53B-436E-EMO-H61

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Larry Mannell QA SPEC. Date NOV 5, ~~19~~ 2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/20/02 to 10/20/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444

National Board, State, Providence and Endorsements

Date 12-2, ~~19~~ 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-4-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98550220-05
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RINGS ON CRDM #19 @ LOC. M-07.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

NOZZLE

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA TECH. SPEC. Date 12-4-02

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC1224

Inspector's Signature National Board, State, Providence and Endorsements

Date 12/4/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-4-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98551265-05
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RINGS ON CRDM NOZZLE 33@LOC. L-12.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-4-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/4/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-03-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98493833 01
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SR 2-50-0-1481A-H7	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY S/R 2-50-0-1481A-H7

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA Spec. Date DEC 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/23/02 to 11/1/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 12/4/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98548953-07
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RIN ON CRDM NOZZLE 04 @ LOC. K-09.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-9-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1222
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98551538-05
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RIN ON CRDM NOZZLE 21 @ LOC. G-05.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed M. L. Blubaugh QA TECH. SPEC. Date 12-9-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/21/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98550223-05
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

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7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RIN ON CRDM NOZZLE 42 @ LOC. 0-09.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH. SPEC. Date 12-9-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98550221-05
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B+W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

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7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RIN ON CRDM NOZZLE 24 @ LOC. N-08.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blackburn QA TECH. SPEC. Date 12-9-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/18/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98487195-05
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 08 @ LOC. L-08.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed B. Z. Blubaugh QA TECH. SPEC. Date 12-9-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/11/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-03-02
Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98469894 10
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System HIGH PRESSURE INJECTION Class 2

5. (a) Applicable Construction Code ANSI B31.7 19 68 Edition, N/A Addenda, N/A Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	SIR2-51A-3-0-1439A-SR160	DPC	N/A	N/A	N/A	2002	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work MODIFY SIR 2-51A-3-0-1439A-SR160

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [signature] QA SPEC Date DEC 3, 2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/15/02 to 10/19/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444
Inspector's Signature National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98550333-09
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W / FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 60 @ LOC. P-08.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed M. L. Blubaugh QA TECH SPEC. Date 12-9-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units_____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98550352-09
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RINGS ON CRDM NOZZLE 43 @ LOC. 0-07.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed K. L. Blubaugh QA TECH. SPEC. Date 12-9-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3a. Work Order # 98551548-09
Repair Organization Job #

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W/ FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RIN. ON CRDM NOZZLE 20 @ LOC. K-05.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blackburn QA TECH. SPEC. Date 12-10-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT _____ have inspected the components described in this Owner's Report during the period 10/19/02 to 11/16/02 ; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC1444
National Board, State, Providence and Endorsements

Date 12/10/02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required By The Provisions Of The ASME Code Section XI

1. Owner Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 12-9-02

Sheet 1 of 1

2. Plant Oconee Nuclear Station
   Address 7800 Rochester Hwy. Seneca, S.C. 29672

2a. Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units _____)

3. Work Performed By Duke Power Company
   Address 526 S. Church Street, Charlotte, NC 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a. Work Order # 98552076-05
Repair Organization Job #

3b. NSM or MM # NA

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1989 Edition, NA Addenda, NA Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda (1992 through 1992 Addenda for Class MC and CC and their supports.)

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	BOLTING	B&W / FRAMATOME	NA	NA	NA	2002	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in 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 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.

7. Description of Work REPLACED 8-1 1/8" BOLTS & 1 SET OF SPLIT RING ON CRDM NOZZLE 38 @ LOC. C-07.

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Exempt

Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed A. L. Blubaugh QA TECH SPEC. Date 12-10-02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Providence of NORTH CAROLINA and employed by HSB CT have inspected the components described in this Owner's Report during the period 10/22/02 to 11/16/02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature Commissions NC 1444
National Board, State, Providence and Endorsements

Date 12/10/02

6.0 *Pressure Testing*

This summary is a pressure test completion status for the third period of the third ten-year interval. Table 6-1 shows the pressure tests completed from refueling outage EOC-18 through refueling outage EOC-19. There were no relevant conditions observed during these pressure tests.

Table 6-1

Examination Category	*Test Requirement*	*Total Examinations Credited For This Outage*
B-E	System Hydrostatic Test (IWB-5222)	0
B-P	System Leakage Test (IWB-5221)	1[1]
B-P	System Hydrostatic Test (IWB-5222)	5[1]
C-H	System Inservice/Functional Test (IWC-5221)	7
C-H	System Hydrostatic Test (IWC-5222)	22

A detailed description of each Examination Category listed above is located in subsection 6.1 of this report. Results of each Examination Category listed above are located in subsection 6.2 of this report.

[1] Two Category B-P hydro zones were not examined this outage; therefore, a Category B-P leakage test was performed on these zones.

Table 6-2 shows a completion status of pressure tests conducted during the third period of the third ten-year interval

Table 6-2				
Examination Category	***Test Requirement***	***Total Examinations Required For This Period***	***Total Examinations Credited For This Period***	***(%) Examinations Complete For This Period***
B-E	System Hydrostatic Test (IWB-5222)	1	0	0%
B-P	System Leakage Test (IWB-5221)	1	0[2]	0%
B-P	System Hydrostatic Test (IWB-5222)	7	5[2]	71.43%
C-H	System Inservice/Functional Test (IWC-5221)	13	7	53.85%
C-H	System Hydrostatic Test (IWC-5222)	61	*22*	36.07%

[2] A Category B-P leakage test was performed on Class A components where no Category B-P hydro test was performed. The Category B-P leakage test status for the period will remain at zero until the entire Class A system receives a leakage test.

6.1 Required Examinations This Outage:

A listing of each pressure test and associated VT-2 Visual Examination conducted from EOC-18 through EOC-19 is included in this section.

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

Zone Number	=	The unique number assigned to track certain systems or portions of systems that make up a pressure test.
Boundary Drawing	=	Detail drawing of pressure test boundary.
Required Test	=	Information that shows the required tests for the examination zone – (L) Leakage Test, (I) Inservice Test, (F) Functional Test, or (H) Hydrostatic Test.
System Name	=	Name of pressure retaining component system
Required Inspection	=	Type of visual examination required.
Required Procedure	=	Required inspection procedure.
Plan Addenda	=	Serial Number of authorized change(s) to the pressure test plan.
ASME Item Number(s)	=	ASME Section XI Tables IWB-2500-1 (Class 1) and IWC-2500-1 (Class 2)
Comments	=	General and/or Detail Description

This Report Was Generated On:
02/10/2003

Duke Power Company - Oconee Unit 2
Pressure Testing Zone Number Listing

Outage 19

Int = 3
Period = 3

Zone Number	Boundary Drawing	Required Test L	I	F	H	System Name	Required Inspection	Required Procedure	Plan Addenda	ASME Item Number(s)	Comments
OZ2H-16	O-ISIH-101A-2.4				X	High Pressure Injection System	VT-2	QAL-15	O2-PT-006	C7.40 C7.80	None
OZ2H-1A	O-ISIH-100A-2.1				X	Reactor Coolant System	VT-2	QAL-15	None	B15.11 B15.31 B15.51 B15.61 B15.71	None
	O-ISIH-100A-2.2				X	Reactor Coolant System	VT-2	QAL-15	None	B15.21 B15.51 B15.71	None
	O-ISIH-100A-2.3				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.61 B15.71	None
	O-ISIH-101A-2.1				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71 C7.40	None
	O-ISIH-101A-2.4				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-102A-2.1				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-102A-2.3				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-110A-2.1				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None

This Report Was Generated On:
02/10/2003

Duke Power Company - Oconee Unit 2
Pressure Testing Zone Number Listing

Outage 19

Int = 3
Period = 3

Zone Number	Boundary Drawing	Required Test L	I	F	H	System Name	Required Inspection	Required Procedure	Plan Addenda	ASME Item Number(s)	Comments
	O-ISIH-110A-2.4				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
OZ2H-1X	O-ISIH-102A-2.1				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
OZ2H-98	O-ISIH-102A-2.2				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-102A-2.3				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
OZ2H-99	O-ISIH-102A-2.2				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-102A-2.3				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71	None
OZ2L-1	O-ISIL-100A-2.2	X				Reactor Coolant System	VT-2	QAL-15	None	B15.20 B15.50 B15.70 C7.30 C7.70	Class B portion of this zone is to compensate for the required double isolation valve Class A exam. Previously Inspected as Item Number B15.050.001
	O-ISIL-102A-2.1	X				Reactor Coolant System	VT-2	QAL-15	None	B15.50 B15.70	Previously Inspected as Item Number B15.050.001

This Report Was Generated On:
02/10/2003

Duke Power Company - Oconee Unit 2
Pressure Testing Zone Number Listing

Outage 19

Int = 3
Period = 3

Zone Number	Boundary Drawing	Required Test L	I	F	H	System Name	Required Inspection	Required Procedure	Plan Addenda	ASME Item Number(s)	Comments
IZ2H-22	O-ISIH-104A-1.2				X	Spent Fuel Cooling System	VT-2	QAL-15	None	C7.40 C7.80	None
IZ2H-41	O-ISIH-109A-1.1				X	Purification Demineralizer	VT-2	QAL-15	None	C7.40 C7.80	None
IZ2H-60	O-ISIH-124B-2.2				X	Low Pressure Service Water	VT-2	QAL-15	None	C7.40 C7.80 D2.12	None
	O-ISIH-124B-2.4				X	Low Pressure Service Water	VT-2	QAL-15	None	C7.40 C7.80 D2.12	None
IZ2L-10	O-ISIL-101A-2.3		X			High Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.003.
IZ2L-11	O-ISIL-101A-2.3		X			High Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.003.
OZ2H-15	O-ISIH-101A-2.4				X	High Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2H-16	O-ISIH-101A-2.4				X	High Pressure Injection System	VT-2	QAL-15	O2-PT-006	C7.40 C7.80	None
OZ2H-17	O-ISIH-101A-2.2				X	High Pressure Injection System	VT-2	QAL-15	O2-PT-001	C7.40 C7.80	None
OZ2H-17B	O-ISIH-101A-2.2				X	High Pressure Injection	VT-2	QAL-15	O2-PT-004	C7.40 C7.80	None

This Report Was Generated On:
02/10/2003

Duke Power Company - Oconee Unit 2
Pressure Testing Zone Number Listing

Outage 19

Int = 3
Period = 3

Zone Number	Boundary Drawing	Required Test L	I	F	H	System Name	Required Inspection	Required Procedure	Plan Addenda	ASME Item Number(s)	Comments
OZ2H-18	O-ISIH-101A-2.2				X	High Pressure Injection System	VT-2	QAL-15	O2-PT-001	C7.40 C7.80	None
OZ2H-19A	O-ISIH-104A-1.1				X	Spent Fuel Cooling	VT-2	QAL-15	None	C7.40 C7.80	None
	O-ISIH-101A-2.5				X	High Pressure Injection System	VT-2	QAL-15	None	C7.20 C7.40 C7.80	None
	O-ISIH-104A-1.1				X	Spent Fuel Cooling System	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2H-1A	O-ISIH-101A-2.1				X	Reactor Coolant System	VT-2	QAL-15	None	B15.51 B15.71 C7.40	None
	O-ISIH-101A-2.5				X	High Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80	
OZ2H-2	O-ISIH-101A-2.1				X	High Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80 D1.12	None
	O-ISIH-101A-2.4				X	High Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80 D1.12	None
	O-ISIH-101A-2.5				X	High Pressure Injection System	VT-2	QAL-15	None	C7.80 D1.12	None
OZ2H-23	O-ISIH-101A-2.2				X	High Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80	None

This Report Was Generated On:
02/10/2003

Duke Power Company - Oconee Unit 2
Pressure Testing Zone Number Listing

Outage 19

Int = 3
Period = 3

Zone Number	Boundary Drawing	Required Test L	I	F	H	System Name	Required Inspection	Required Procedure	Plan Addenda	ASME Item Number(s)	Comments
OZ2H-29	O-ISIH-102A-2.2				X	Low Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2H-3	O-ISIH-101A-2.1				X	High Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80 D1.12	None
OZ2H-30	O-ISIH-102A-2.2				X	Low Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2H-31A	O-ISIH-102A-2.3				X	Low Pressure Injection System	VT-2	QAL-15	None	C7.20 C7.40 C7.80	None
OZ2H-31B	O-ISIH-102A-2.3				X	Low Pressure Injection System	VT-2	QAL-15	None	C7.20 C7.40 C7.80	None
OZ2H-31C	O-ISIH-102A-2.3				X	Low Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2H-42A	O-ISIH-110A-2.1				X	Chemical Addition System	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2H-42B	O-ISIH-110A-2.1				X	Chemical Addition System	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2H-6	O-ISIH-109A-1.1				X	Purification Demineralizer	VT-2	QAL-15	None	C7.40 C7.80	None
	O-ISIH-101A-2.1				X	High Pressure Injection System	VT-2	QAL-15	None	C7.40 C7.80	None

This Report Was Generated On:
02/10/2003

Duke Power Company - Oconee Unit 2
Pressure Testing Zone Number Listing

Outage 19

Int = 3
Period = 3

Zone Number	Boundary Drawing	Required Test L	I	F	H	System Name	Required Inspection	Required Procedure	Plan Addenda	ASME Item Number(s)	Comments
	O-ISIH-101A-2.2				X	High Pressure Injection System	VT-2	QAL-15	None	C7.20 C7.40 C7.80 D1.12	None
OZ2H-64	O-ISIH-124B-2.2				X	Low Pressure Service Water	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2H-65	O-ISIH-124B-2.4				X	Low Pressure Service Water	VT-2	QAL-15	None	C7.40 C7.80	None
OZ2L-23	O-ISIL-101A-2.2		X			High Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.002.
	O-ISIL-102A-2.1		X			Low Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.006.
	O-ISIL-102A-2.2		X			Low Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.009.
OZ2L-26	O-ISIL-102A-2.2		X			Low Pressure Injection System	VT-2	QAL-15	None	C7.10 C7.30 C7.50 C7.70	The telltale hole in reinforcing plate of LP Cooler 2A shall be VT-2 examined to satisfy the requirements of Section XI, Table IWC-2500-1, footnote (5), Category C-B, Item Number C2-33. Inspected in 1st Period as Item Number

This Report Was Generated On:
02/10/2003

Duke Power Company - Oconee Unit 2
Pressure Testing Zone Number Listing

Outage 19

Int = 3
Period = 3

Zone Number	Boundary Drawing	Required Test L	I	F	H	System Name	Required Inspection	Required Procedure	Plan Addenda	ASME Item Number(s)	Comments
OZ2L-26											C07.030.009.
OZ2L-28	O-ISIL-102A-2.2		X			Low Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.50 C7.70	Inspected in 1st Period as Item Number C07.030.009.
OZ2L-7B	O-ISIL-101A-2.3		X			High Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.003.
	O-ISIL-102A-2.1		X			Low Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.006.
	O-ISIL-102A-2.2		X			Low Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.009.
OZ2L-9	O-ISIL-101A-2.3		X			High Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.003.
	O-ISIL-102A-2.1		X			Low Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.006.
	O-ISIL-102A-2.2		X			Low Pressure Injection System	VT-2	QAL-15	None	C7.30 C7.70	Inspected in 1st Period as Item Number C07.030.009.

6.2 Examination Results For This Outage:

The results of each pressure test and associated VT-2 Visual Examination conducted from EOC-18 through EOC-19 are included in this section.

The information shown below is a field description for the Class 1 and Class 2 listing format included in this section of the report:

Zone Number	=	The unique number assigned to track certain extremity valves that make up a test
Boundary Drawing	=	Detail drawing of pressure test boundary
Outage	=	The number for the refueling outage cycle of this report
Test Status	=	Complete or Partial
Test Result	=	Clear (No Evidence Of Leakage), Reportable (Evidence Of Leakage - Not Through Wall such as packing leak), Reportable (Evidence Of Through Wall Leakage)
VT-2 Examiner	=	The name of the Level II Visual examiner
VT-2 Date	=	Date VT-2 visual examination was performed

Current Interval = 3
Current Period = 2
Class = A

Duke Power Company - Oconee Unit 2
Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
OZ2H-16	O-ISIH-101A-2.4	19	Complete	Clear	2fn-383	N/A	11/20/2002
OZ2H-1A	O-ISIH-100A-2.1	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-100A-2.2	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-100A-2.3	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-101A-2.1	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-101A-2.4	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-102A-2.1	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-102A-2.3	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-110A-2.1	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-110A-2.4	19	Complete	Clear	21lm-377	N/A	11/21/2002
OZ2H-1X	O-ISIH-102A-2.1	19	Complete	Clear	22sn-386	N/A	11/19/2002
OZ2H-98	O-ISIH-102A-2.2	19	Complete	Clear	22sn-386	N/A	11/19/2002
	O-ISIH-102A-2.3	19	Complete	Clear	22sn-386	N/A	11/19/2002
OZ2H-99	O-ISIH-102A-2.2	19	Complete	Clear	22sn-386	N/A	11/19/2002
	O-ISIH-102A-2.3	19	Complete	Clear	22sn-386	N/A	11/19/2002
OZ2L-1	O-ISIL-100A-2.2	19	Partial	Clear	21lm-377	N/A	11/21/2002
	O-ISIL-102A-2.1	19	Partial	Clear	21lm-377	N/A	11/21/2002

Current Interval = 3
Current Period = 2
Class = B

Duke Power Company - Oconee Unit 2
Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
IZ2H-41	O-ISIH-109A-1.1	19	Complete	Clear	12sin-641	N/A	10/12/2002
IZ2H-60	O-ISIH-124B-2.2	19	Complete	Clear	13sin-645	N/A	11/07/2002
	O-ISIH-124B-2.4	19	Complete	Clear	13sin-645	N/A	11/07/2002
IZ2L-10	O-ISIL-101A-2.3	19	Complete	Clear	22f-390	N/A	10/12/2002
IZ2L-11	O-ISIL-101A-2.3	19	Complete	Clear	22f-389	N/A	10/12/2002
OZ2H-15	O-ISIH-101A-2.4	19	Complete	Clear	21lm-377	N/A	11/21/2002
OZ2H-16	O-ISIH-101A-2.4	19	Complete	Clear	2fn-383	N/A	11/20/2002
OZ2H-17	O-ISIH-101A-2.2	19	Complete	Clear	22sn-380	N/A	11/20/2002
OZ2H-17B	O-ISIH-101A-2.2	19	Complete	Clear	22fn-379	N/A	11/19/2002
OZ2H-18	O-ISIH-101A-2.2	19	Complete	Clear	22sn-395	N/A	11/19/2002
OZ2H-19A	O-ISIH-104A-1.1	19	Complete	Clear	22fn-385	N/A	11/17/2002
	O-ISIH-101A-2.5	19	Complete	Clear	22fn-385	N/A	11/17/2002
	O-ISIH-104A-1.1	19	Complete	Clear	22fn-385	N/A	11/17/2002
OZ2H-1A	O-ISIH-101A-2.1	19	Complete	Clear	21lm-377	N/A	11/21/2002
	O-ISIH-101A-2.5	19	Complete	Clear	21lm-377	N/A	11/21/2002
OZ2H-2	O-ISIH-101A-2.1	19	Complete	Clear	22sn-378	N/A	11/21/2002
	O-ISIH-101A-2.4	19	Complete	Clear	22sn-378	N/A	11/21/2002
	O-ISIH-101A-2.5	19	Complete	Clear	22sn-378	N/A	11/21/2002
OZ2H-23	O-ISIH-101A-2.2	19	Complete	Clear	22f-387	N/A	11/18/2002
OZ2H-29	O-ISIH-102A-2.2	19	Complete	Clear	22sn-386	N/A	11/19/2002
OZ2H-3	O-ISIH-101A-2.1	19	Complete	Clear	21lm-377	N/A	11/21/2002
OZ2H-30	O-ISIH-102A-2.2	19	Complete	Clear	22sn-386	N/A	11/19/2002
OZ2H-31A	O-ISIH-102A-2.3	19	Complete	Clear	22sn-388	N/A	10/12/2002

Current Interval = 3
Current Period = 2
Class = B

Duke Power Company - Oconee Unit 2
Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
OZ2H-31B	O-ISIH-102A-2.3	19	Complete	Clear	22sn-388	N/A	10/12/2002
OZ2H-31C	O-ISIH-102A-2.3	19	Complete	Clear	22sn-388	N/A	10/12/2002
OZ2H-42A	O-ISIH-110A-2.1	19	Complete	Clear	21lm-377	N/A	11/21/2001
OZ2H-42B	O-ISIH-110A-2.1	19	Complete	Clear	21lm-377	N/A	11/21/2002
OZ2H-6	O-ISIH-109A-1.1	19	Complete	Clear	22fn-379	N/A	11/19/2002
	O-ISIH-101A-2.1	19	Complete	Clear	22fn-379	N/A	11/19/2002
	O-ISIH-101A-2.2	19	Complete	Clear	22fn-379	N/A	11/19/2002
OZ2H-64	O-ISIH-124B-2.2	19	Complete	Clear	21lm-377	N/A	11/21/2002
OZ2H-65	O-ISIH-124B-2.4	19	Complete	Clear	21lm-377	N/A	11/21/2002
OZ2L-23	O-ISIL-101A-2.2	19	Complete	Clear	22f-387	N/A	11/18/2002
	O-ISIL-102A-2.1	19	Complete	Clear	22f-387	N/A	11/18/2002
	O-ISIL-102A-2.2	19	Complete	Clear	22f-387	N/A	11/18/2002
OZ2L-26	O-ISIL-102A-2.2	19	Complete	Clear	22sn-386	N/A	11/19/2002
OZ2L-28	O-ISIL-102A-2.2	19	Complete	Clear	22sn-386	N/A	11/19/2002
OZ2L-7B	O-ISIL-101A-2.3	19	Complete	Clear	22frn-382	N/A	11/19/2002
	O-ISIL-102A-2.1	19	Complete	Clear	22frn-382	N/A	11/19/2002
	O-ISIL-102A-2.2	19	Complete	Clear	22frn-382	N/A	11/19/2002
OZ2L-9	O-ISIL-101A-2.3	19	Complete	Clear	22frn-381	N/A	11/19/2002
	O-ISIL-102A-2.1	19	Complete	Clear	22frn-381	N/A	11/19/2002
	O-ISIL-102A-2.2	19	Complete	Clear	22frn-381	N/A	11/19/2002

6.3 Reportable Indications:

None