



R. A. JONES  
Vice President

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

864 885 3158  
864 885 3564 fax

September 11, 2003

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

Subject: Duke Energy Company  
Oconee Nuclear Station, Unit 3  
Docket No. 50-287  
Unit 3 EOC 20 Refueling Outage  
Inservice Inspection Report  
Third Ten-Year Inservice Inspection Interval

Please find attached a copy of the Inservice Inspection Report for Oconee Unit 3 End of Cycle 20 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

U. S. Nuclear Regulatory Commission  
September 11, 2003  
Page 2

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 3  
TWENTIETH REFUELING  
OUTAGE**



*A Duke Energy Company*

**Owner's Report  
For  
INSERVICE INSPECTIONS**

**OCONEE UNIT 3  
2003 REFUELING OUTAGE  
EOC20 (OUTAGE 6)**

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

NRC Docket No. 50-287

Commercial Service Date: December 16, 1974

Document Completion Date 9-9-03

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

Revision 0

Prepared By:

Larry Co Keith

Date

9-9-03

Reviewed By:

Gary Underwood

Date

9-9-03

Approved By:

L. Kevin Rhynes

Date

9/9/03

**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: 3    4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date: December 16, 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.

**FORM NIS-1 (Back)**

- 8. Examination Dates December 14, 2001 to June 17, 2003
- 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 9/9/03 Signed Duke Energy Corp. By L. Kevin Rhyme  
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 NORTH CAROLINA employed by \*The HSBI&I Co. of Connecticut have inspected the components described in this Owner's Report during the period 12-14-01 to 6-17-03, 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

[Signature]  
Inspector's Signature

Commissions NC1449 NTABC  
National Board, State, Province, and Endorsements

Date 9-9-03

\* 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  
Inservice Inspection Plan Management**
2. **Welding and Inspection Services (ISI Coordinator)**
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**

## **TABLE OF CONTENTS**

<u>Section</u>	<u>Title</u>	<u>Revision</u>
1.	General Information	0
2.	Third Ten Year Inspection Status	0
3.	Final Inservice Inspection Plan	0
4.	Results of Inspections Performed	0
5.	Owners Report for Repair/Replacement Activities	0
6.	Pressure Testing	0

## 1.0 General Information

This report describes the Inservice Inspection of Duke Energy Corporation's Oconee Nuclear Station, Unit 3, during Outage 6/EOC 20. 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	620-0009-51-52	N/A	N-125
Steam Generator A	Babcock & Wilcox	620-0009-55-1	N/A	N-127
Steam Generator B	Babcock & Wilcox	620-0009-55	N/A	N-128
Pressurizer	Babcock & Wilcox	620-0009-59	N/A	N-126
Main Steam System	Duke Power	NA	NA	NA
Auxiliary Steam System	Duke Power	NA	NA	NA
Feedwater System	Duke Power	NA	NA	NA
Emergency Feedwater System	Duke Power	NA	NA	NA
Steam Generator Flush System	Duke Power	NA	NA	NA
Condensate System	Duke Power	NA	NA	NA
Vents and Exhaust System	Duke Power	NA	NA	NA

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

## **1.2 Personnel, Equipment and Material Certifications**

All personnel who performed or evaluated the results of inservice inspections during the time frame bracketed by the examination dates shown on the NIS-1 Form were certified in accordance with the requirements of 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 copies of the certification records for Washington Group inspectors 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-03-03262

Duke Power Company Problem Investigation Process Report # O-03-01519

Duke Power Company Problem Investigation Process Report # O-03-04958

Duke Power Company Problem Investigation Process Report # O-03-05164

Duke Energy Request for Relief 97-01 (Limited welds found during EOC 20)

Duke Energy Request for Relief 03-005 (Limited welds found during EOC 20)

#### **1.4 Augmented and Elective Examinations**

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

#### **1.5 Responsible Inspection Agency**

The 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, Nancy Slaughter, 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

<b>Examination Category</b>	<b>Description</b>	<b>Inspections Required</b>	<b>Inspections Completed</b>	<b>Percentage Completed</b>	<b><sup>1</sup>Deferral Allowed</b>
B-A	Pressure Retaining Welds in Reactor Vessel	8 Welds	2.5 Welds	31%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessel	11 Welds	10 Welds	91%	No
B-D	Full Penetration Welds of Nozzles in Vessels Inspection Program B	30 Inspections	16 Inspections	53%	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	REFERENCE SECTION 6.0 OF THIS REPORT			
B-F	Pressure Retaining Dissimilar Metal Welds	28 Welds	20 Welds	71%	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	21 Items	95%	No
B-H	Integral Attachments for Vessels	N/A	N/A	N/A	N/A
B-J	Pressure Retaining Welds in Piping	141 Welds	112 Welds	79%	No

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

### Class 1 Inspections (Continued)

<b>Examination Category</b>	<b>Description</b>	<b>Inspections Required</b>	<b>Inspections Completed</b>	<b>Percentage Completed</b>	<b><sup>5</sup> Deferral Allowed</b>
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	2 Inspections	67%	No
B-N-2	Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels	1 Inspection	0 Inspections	0%	Yes
B-N-3	Removable Core Support Structures	1 Inspection	0 Inspections	0%	Yes
B-O	Pressure Retaining Welds in Control Rod Housings	3 Housings	2 Housings	67%	Yes
B-P	All Pressure Retaining Components	REFERENCE SECTION 6.0 OF THIS REPORT			
B-Q	Steam Generator Tubing	N/A	N/A	N/A	N/A
F-A F1.10 & F1.040 items.	Class 1 Component Supports (Except Snubbers)	31 Supports	27 Supports	87%	No
F-A F1.050 Items	Class 1 Component Supports, Snubbers	25 Snubbers	25 Snubbers	100%	No

<sup>5</sup> Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB and IWC 2500-1.

## Class 2 Inspections

<b>Examination Category</b>	<b>Description</b>	<b>Inspections Required</b>	<b>Inspections Completed</b>	<b>Percentage Completed</b>	<b><sup>5</sup> Deferral Allowed</b>
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	61 Attachments	55 Attachments	90%	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	136 Welds	115 Welds	85%	No
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	59 Welds	46 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)	120 Supports	105 Supports	88%	No
F-A F1.050 Items	Class 2 Component Supports, Snubbers	35 Snubbers	35 Snubbers	100%	No

<sup>5</sup> Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB and IWC 2500-1.

### Augmented/Elective Inspections

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

<i>Item Number</i>	<i>Description</i>	<i>Percentage Complete</i>
G01.001	Reactor Coolant Pump Flywheel	Not Scheduled
G02.001	HPI Nozzle Safe End Examinations	Not Scheduled
G03.001	Pressurizer Surge Line Examinations	Not Scheduled
G04.001	Thermal Stress Piping (NRC Bulletin 88-08)	Not Scheduled
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 20 Requirements
G09.001	Class 2 Piping Welds Nominal Pipe Size > 4" With Nominal Wall Thickness < 3/8"	100% of EOC 20 Requirements
G10.001	Class 1 RTE Mounting Bosses	100% of EOC 20 Requirements
G11.001	Reactor Coolant Pump 3A2 and 3B1 Flange Joint, Studs, and Adjacent Areas	100% of EOC 20 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 20 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-B, Pressure Retaining Welds  
in Vessels Other Than Reactor Vessels**

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

Plan Report  
Page 1  
08/18/2003

**Pressurizer**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Shell-to-Head Welds; Circumferential ****</b>									
B02.011.002	3-PZR-WP28		ISI-OCN3-002	NDE-620	UT	CS	84.000	40394	Pressurizer Lower Head Pc.6 to Heater Belt Shell Pc. 4 and Lower Heater Belt Forging Pc. 40. Calibration block 50236 is being added as a result of revision 8 to examination procedure NDE-620. Procedure PDI-UT-6 may be used.
	Circumferential	50	OM-2201-229	See Com			4.750	50236	
	Class A				Head to Heater Belt Shell				
<b>Total B02.011 Items: 1</b>									
<b>**** Shell-to-Head Welds; Longitudinal ****</b>									
B02.012.002	3-PZR-WP7-1		ISI-OCN3-002	NDE-620	UT	CS	0.000	40338	Pressurizer Heater Belt Shell Pc.4 to Lower Heater Belt Forging Pc.40 and Upper Heater Belt Forging Pc.41 (Y-Axis). Calibration block 50236 is being added as a result of revision 8 to examination procedure NDE-620. Procedure PDI-UT-6 may be used.
	Longitudinal	50	OM-2201-229	See Com			6.188	50236	
	Class A				Shell to Heater Belt Forging				
<b>Total B02.012 Items: 1</b>									

**CATEGORY B-B, Pressure Retaining Welds  
in Vessels Other Than Reactor Vessels**

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

**Steam Generators (Primary Side)**

**Oconee 3**

**Inservice Inspection Plan for Interval 3 Outage 6**

<u>ITEM NUMBER</u>	<u>ID NUMBER</u>	<u>SYS</u>	<u>ISO/DWG NUMBERS</u>	<u>PROC</u>	<u>INSP REQ</u>	<u>MAT/SCH</u>	<u>DIA/THK</u>	<u>CAL BLOCKS</u>	<u>COMMENTS</u>
<b>**** Tubesheet-to-Head Weld ****</b>									
B02.040.001	3-SGA-WG58-1		ISI-OCN3-003	NDE-970	UT	CS	119.000	40393	Steam Generator 3A Upper Head Pc.8 to Tubesheet Pc. 51.
	Circumferential	50	OM-2201-222	NDE-640			8.000		
	Class A				Head to Tubesheet				
<hr/>									
<b>Total B02.040 Items:</b>	<b>1</b>								
<b>Total B02 Items:</b>	<b>3</b>								

**CATEGORY B-F, Pressure Retaining  
Dissimilar Metal Welds**

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

Piping

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

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 \*\*\*\*

B05.140.002	3-50-21-1		3-50-21	NDE-35	PT	SS-Inconel	1.500		
	Circumferential	50	OFD-100A-3.1				0.281		
	Class A								Elbow to Nozzle
	Dissimilar								
B05.140.003	3-50-21-23		3-50-21	NDE-35	PT	SS-Inconel	1.500		
	Circumferential	50	OFD-100A-3.1				0.281		
	Class A								Elbow to Nozzle
	Dissimilar								

Total B05.140 Items: 2

Total B05 Items: 2

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

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

**Reactor Vessel**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Closure Head Nuts ****</b>									
B06.010.001	3RPV-26-209-1		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
	Class A	50	B&W 149922				1.300		
B06.010.002	3RPV-26-209-02		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
	Class A	50	B&W 149922				1.300		
B06.010.003	3RPV-26-209-03		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
	Class A	50	B&W 149922				1.300		
B06.010.004	3RPV-26-209-04		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
	Class A	50	B&W 149922				1.300		
B06.010.005	3RPV-26-209-05		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
	Class A	50	B&W 149922				1.300		
B06.010.006	3RPV-26-209-06		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
	Class A	50	B&W 149922				1.300		
B06.010.007	3RPV-26-209-07		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
	Class A	50	B&W 149922				1.300		
B06.010.008	3RPV-26-209-08		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
	Class A	50	B&W 149922				1.300		

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

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

**Reactor Vessel**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.009	3RPV-26-209-09		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.025	3RPV-26-209-61		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.026	3RPV-26-209-26		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.027	3RPV-26-209-27		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.028	3RPV-26-209-28		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.029	3RPV-26-209-29		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.030	3RPV-26-209-30		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.031	3RPV-26-209-31		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.032	3RPV-26-209-32		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									

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

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

Plan Report  
Page 6  
08/18/2003

**Reactor Vessel**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
B06.010.033	3RPV-26-209-33		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.034	3RPV-26-209-67		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.035	3RPV-26-209-35		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.051	3RPV-26-209-51		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.052	3RPV-26-209-52		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.053	3RPV-26-209-53		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.054	3RPV-26-209-54		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.055	3RPV-26-209-55		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.056	3RPV-26-209-56		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									

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

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

**Reactor Vessel**

**Oconee 3**

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.057	3RPV-26-209-57		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.058	3RPV-26-209-58		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.059	3RPV-26-209-59		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
B06.010.060	3RPV-26-209-60		OM-2201-52	NDE-25	MT	CS	9.250		Closure Head Nut
		50	B&W 149922				1.300		
Class A									
<b>Total B06.010 Items:</b>		<b>30</b>							













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

Plan Report  
Page 14  
08/18/2003

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

**Reactor Vessel**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.057A	3RPV-25-209-57	50	OM-2201-52 B&W 149922 OM-2201-51	NDE-25	MT	CS	6.500 0.000		Reactor Closure Stud.Inspect when removed.Stud Length-63.250"
Class A									
B06.030.058	3RPV-25-209-58	50	OM-2201-52 B&W 149922 OM-2201-51	See Com	UT	CS	6.500 0.000	40420	Reactor Closure Stud.Inspect when removed.Stud Length-63.250" Note: Added cal block (Ref. Addenda ONS3-014) Procedure # PDI-UT-5
Class A									
B06.030.058A	3RPV-25-209-58	50	OM-2201-52 B&W 149922 OM-2201-51	NDE-25	MT	CS	6.500 0.000		Reactor Closure Stud.Inspect when removed.Stud Length-63.250"
Class A									
B06.030.059	3RPV-25-209-59	50	OM-2201-52 B&W 149922 OM-2201-51	See Com	UT	CS	6.500 0.000	40420	Reactor Closure Stud.Inspect when removed.Stud Length-63.250" Note: Added cal block (Ref. Addenda ONS3-014) Procedure # PDI-UT-5
Class A									
B06.030.059A	3RPV-25-209-59	50	OM-2201-52 B&W 149922 OM-2201-51	NDE-25	MT	CS	6.500 0.000		Reactor Closure Stud.Inspect when removed.Stud Length-63.250"
Class A									
B06.030.060	3RPV-25-209-60	50	OM-2201-52 B&W 149922 OM-2201-51	See Com	UT	CS	6.500 0.000	40420	Reactor Closure Stud.Inspect when removed.Stud Length-63.250" Note: Added cal block (Ref. Addenda ONS3-014) Procedure # PDI-UT-5
Class A									
B06.030.060A	3RPV-25-209-60	50	OM-2201-52 B&W 149922 OM-2201-51	NDE-25	MT	CS	6.500 0.000		Reactor Closure Stud.Inspect when removed.Stud Length-63.250"
Class A									
<b>Total B06.030 Items:</b>		<b>60</b>							

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

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

**Reactor Vessel**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Closure Washers, Bushings ****</b>									
B06.050.001	3RPV-WASH-BUSH		OM-2201-52	QAL-13	VT-1	CS		0.000	Reactor Vessel Closure Washers & Bushings. Inspect washers and bushings for the following reactor vessel studs: 1-9, 25-35, 51-60.
		50	B&W 149922E					0.000	
Class A									

<b>Total B06.050 Items:</b>	<b>1</b>
<b>Total B06 Items:</b>	<b>91</b>

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

Plan Report  
Page 16  
08/18/2003

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

**Steam Generators**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Bolts, Studs, and Nuts ****</b>									
B07.030.002	3SGA-LMW-BOLTS		B&W 145470E	QAL-13	VT-1	CS	2.000	0.000	Steam Generator 3A Lower Head Manway Studs and Nuts; 16 studs & nuts; length = 11.5 inches
	Class A	50							
B07.030.003	3SGB-UMW-BOLTS		B&W 145470E	QAL-13	VT-1	CS	2.000	0.000	Steam Generator 3B Upper Head Manway Studs and Nuts; 16 studs & nuts; length = 11.5 inches
	Class A	50							
B07.030.007	3SGB-UHIC-BOLTS		B&W 145470E	QAL-13	VT-1	CS	1.000	0.000	Steam Generator 3B Upper Head Inspection Cover Bolting
	Class A	50							
B07.030.008	3SGB-LHIC-BOLTS		B&W 145470E	QAL-13	VT-1	CS	1.000	0.000	Steam Generator 3B Lower Head Inspection Cover Bolting
	Class A	50							
<b>Total B07.030 Items:</b>		<b>4</b>							

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

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

Plan Report  
Page 17  
08/18/2003

**Valves**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Bolts, Studs, and Nuts ****</b>									
B07.070.003	3-53A-CF13		OM-245-001	QAL-13	VT-1	NA	0.000	0.000	Core Flood B; Valve 3CF-13 Bolting; Inspect only one of the following valves: 3CF-11, 3CF-12, 3CF-13, 3CF-14
	Class A		53A						
B07.070.007	3-53A-LP1		OM-201-165	QAL-13	VT-1	NA	0.000	0.000	Low Pressure Injection Valve 3LP-1 Bolting
	Class A		53A						
B07.070.019	3-51A-HP188		OM-246-017	QAL-13	VT-1	NA	0.000	0.000	High Pressure Injection Valve 3-HP188 Bolting
	Class A		51A						
<b>Total B07.070 Items: 3</b>									

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

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

**Plan Report  
Page 18  
08/18/2003**

**CRD Housings**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL	BLOCKS	COMMENTS
<b>**** Bolts, Studs, and Nuts ****</b>										
B07.080.001	3-RPV-CRD-BOLTS		B&W 149902E	QAL-13	VT-1	NA		0.000		Inspect Only If Disassembled; See Request for Relief ONS-004 & ONS-005; 8 bolts per CRD Housing; (14 Connections inspected up to this Date). Ref. Addendum ONS3-020 - connection not disassembled during 3EOC15.
	Class A	50	B&W 149919E					0.000		
B07.080.002	3-RPV-CRD-RINGS		B&W 149902E	QAL-13	VT-1	NA		0.000		Inspect Only If Disassembled; See Request for Relief ONS-004 & ONS-005; 1 Pair per CRD Housing; (14 Connections inspected up to this date). Ref. Addendum ONS3-020 - connection not disassembled during 3EOC15.
	Class A	50	B&W 149919E					0.000		
<b>Total B07.080 Items:</b>		<b>2</b>								
<b>Total B07 Items:</b>		<b>9</b>								



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

Plan Report  
 Page 20  
 08/18/2003

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

**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
B09.011.036 Class A	3HP-241-9 Circumferential	51A	3HP-241 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		This weld was listed previously as 3-51A-63-9 until iso 3-51A -63 was redrawn. Procedure PDI-UT-2 may be used.
					Pipe to Tee				
B09.011.036A Class A	3HP-241-9 Circumferential	51A	3HP-241 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		This weld was listed previously as 3-51A-63-9 until iso 3-51A -63 was redrawn.
					Pipe to Tee				
B09.011.050 Class A	3-53A-17-8 Circumferential	53A	3-53A-17 OFD-102A-3.2 OFD-102A-3.3	NDE-600	UT	SS	10.000 1.000		Procedure PDI-UT-2 may be used.
					Elbow to Pipe				
B09.011.050A Class A	3-53A-17-8 Circumferential	53A	3-53A-17 OFD-102A-3.2 OFD-102A-3.3	NDE-35	PT	SS	10.000 1.000		
					Elbow to Pipe				
B09.011.051 Class A	3LP-131-2 Circumferential	53A	3LP-131 OFD-102A-3.1	NDE-600	UT	SS	12.000 1.125		This weld was listed previously as 3-53A-18-2 until iso 3-53A-18 was revised. (See Rev. 11) Procedure PDI-UT-2 may be used.
					Pipe to Valve 3LP-1				
B09.011.051A Class A	3LP-131-2 Circumferential	53A	3LP-131 OFD-102A-3.1	NDE-35	PT	SS	12.000 1.125		This weld was listed previously as 3-53A-18-2 until iso 3-53A-18 was revised. (See Rev. 11)
					Pipe to Valve 3LP-1				
<b>Total B09.011 Items:</b>		<b>14</b>							

**CATEGORY B-J, Pressure Retaining Welds In Piping**

**Less Than NPS 4**

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

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

Plan Report  
Page 21  
08/18/2003

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Circumferential Welds ****</b>									
B09.021.002	3-50-20-11		3-50-20	NDE-35	PT	SS	1.500		
	Circumferential	50	OFD-100A-3.1				0.281		
	Class A				Pipe to Elbow				
B09.021.013	3-PSP-25		ISI-OCN3-016	NDE-35	PT	SS	1.500		
	Circumferential	50	OFD-100A-3.2				0.281		
	Class A				Tee to Reducer				
B09.021.015	3-PSP-5		ISI-OCN3-016	NDE-35	PT	SS	2.500		
	Circumferential	50	OFD-100A-3.2				0.375		
	Class A				Pipe to Elbow				
B09.021.017	3-PSP-7		ISI-OCN3-016	NDE-35	PT	SS	2.500		
	Circumferential	50	OFD-100A-3.2				0.375		
	Class A				Tee to Pipe				
B09.021.026	3-51A-61-17		3-51A-61	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-3.4				0.375		
	Class A				Pipe to Elbow				
B09.021.027	3HP-242-23		3HP-242	NDE-35	PT	SS	2.500		This weld was listed previously as 3-51A-61-23 until iso 3-51A -61 was redrawn.
	Circumferential	51A	OFD-101A-3.4				0.375		
	Class A				Pipe to Elbow				
B09.021.053	3-51A-69-35		3-51A-69	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-100A-3.1				0.375		
	Class A				Pipe to Elbow				
B09.021.054	3-51A-69-43		3-51A-69	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-100A-3.1				0.375		
	Class A				Elbow to Pipe				

**CATEGORY B-J, Pressure Retaining Welds In Piping**

**Less Than NPS 4**

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

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

Plan Report  
Page 22  
08/18/2003

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.021.055	3-51A-69-46 Circumferential Class A	51A	3-51A-69 OFD-100A-3.1	NDE-35	PT	SS	2.500 0.375		Pipe to Tee
B09.021.056	3-51A-69-50 Circumferential Class A	51A	3-51A-69 OFD-100A-3.1	NDE-35	PT	SS	2.500 0.375		Pipe to Elbow
B09.021.063	3HP-240-8 Circumferential Class A	51A	3HP-240 OFD-101A-3.4	NDE-35	PT	SS	2.500 0.375		This weld was listed previously as 3-51A-64-8 until iso 3-51A -64 was redrawn. Elbow to Pipe
B09.021.065	3LP-130-12 Circumferential Class A	53A	3LP-130 OFD-102A-3.1	NDE-35	PT	SS	3.000 0.438		Pipe to Reducer
<b>Total B09.021 Items:</b>		<b>12</b>							

**CATEGORY B-J, Pressure Retaining Welds In Piping**

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

**Branch Pipe Connection Welds**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
<b>**** Less Than NPS 4 ****</b>									
B09.032.003	3-PIB2-10		ISI-OCN3-010	NDE-35	PT	CS-Inconel	12.000		The NPS of the branch line is 1.5 inches.
	Branch	50	OFD-100A-3.1				2.250		
	Class A								Pipe to
	Dissimilar								Nozzle Drain Nozzle

Total B09.032 Items: 1

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

Plan Report  
Page 24  
08/18/2003

**CATEGORY B-J, Pressure Retaining Welds In  
Piping**

**Socket Welds**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

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

B09.040.004	3-50-152-3		3-50-152	NDE-35	PT	SS	1.500		
	Socket	50	OFD-100A-3.2				0.281		
	Class A								Elbow to Pipe

B09.040.005	3-50-152-5		3-50-152	NDE-35	PT	SS	1.500		
	Circumferential	50	OFD-100A-3.2				0.281		
	Class A								Full Coupling to Pipe

B09.040.012	3-50-20-32		3-50-20	NDE-35	PT	SS	1.500		
	Socket	50	OFD-100A-3.1				0.281		
	Class A								Pipe to Valve 3RC-46

B09.040.013	3-50-21-71		3-50-21	NDE-35	PT	SS	1.500		
	Socket	50	OFD-100A-3.1				0.281		
	Class A								Pipe to Valve 3RC-24

<b>Total B09.040 Items:</b>	<b>4</b>
<b>Total B09 Items:</b>	<b>31</b>

**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 3

**Inservice Inspection Plan for Interval 3 Outage 6**

Plan Report  
Page 25  
08/18/2003

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C01.010.001	3-SGA-WG8-1 Circumferential		ISI-OCN3-003 OM-2201-222	NDE-620 See Com	UT	CS	138.000 4.188	40339 50236	S/G A Shell to Shell PC.1 to PC.2 Ref. PIR 3-092-0371 Inspection in outage 2 is for surveillance from the third period of the second interval and should not be counted in the third interval percentages. Inspection in outage 6 is for third interval requirements and is to be counted in the percentages. Calibration block 50236 is being added as a result of revision 8 to examination procedure NDE-620. Procedure PDI-UT-6 may be used.
	Class B				Shell to Shell				
C01.010.002	3-SGA-WG8-2 Circumferential		ISI-OCN3-003 OM-2201-222	NDE-620 See Com	UT	CS	138.000 4.188	40339 50236	S/G A Shell to Shell PC.2 to PC.3 Ref. PIR 3-092-0371 Inspection in outage 2 is for surveillance from the third period of the second interval and should not be counted in the third interval percentages. Inspection in outage 6 is for third interval requirements and is to be counted in the percentages. Calibration block 50236 is being added as a result of revision 8 to examination procedure NDE-620. Procedure PDI-UT-6 may be used.
	Class B				Shell to Shell				

Total C01.010 Items: 2

Total C01 Items: 2

**CATEGORY C-B, Pressure Retaining Nozzle  
Welds In Vessels**

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

Plan Report  
Page 26  
08/18/2003

**Nozzles With Reinforcing Plate In Vessels > 1/2  
in. Nominal Thickness**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
<b>**** Reinforcing Plate Welds to Nozzle and Vessel ****</b>									
C02.031.002	3-LPCB-INLET		OM-2201-0277	NDE-35	PT	SS	16.000		LP Cooler 3B Inlet Nozzle to Shell Weld
	Circumferential	53A	OFD-102A-3.2				0.500		(Inlet Nozzle to Re-inforcing Plate weld)
	Class B								Inlet Nozzle to Shell
C02.031.003	3-LPCB-OUTLET		OM-2201-0277	NDE-35	PT	SS	16.000		LP Cooler 3B Outlet Nozzle to Shell Weld
	Circumferential	53A	OFD-102A-3.2				0.500		(Outlet Nozzle to Re-inforcing Plate weld)
	Class B								Outlet Nozzle to Shell

**Total C02.031 Items: 2**

**Total C02 Items: 2**

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

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

Plan Report  
Page 27  
08/18/2003

**Pressure Vessels**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
<b>**** Integrally Welded Attachments ****</b>									
C03.010.005	3SGB-WG84-XY		B&W-149824E	NDE-25	MT	CS	0.000		SGB FDW. HDR. ATTACH.X-Y QUAD. NEAREST TO X-AXIS
		03	OM 2201-1451				1.000		
Class B									
C03.010.006	3SGB-WG84-YX		B&W-149824E	NDE-25	MT	CS	0.000		SGB FDW. HDR. ATTACH.Y-X QUAD. NEAREST TO Y-AXIS
		03	OM 2201-1451				1.000		
Class B									
<b>Total C03.010 Items:</b>		<b>2</b>							

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

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

Plan Report  
Page 28  
08/18/2003

Piping

Oconee 3

## Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Integrally Welded Attachments ****</b>									
C03.020.002	3-01A-H1A		0-2480A	NDE-25	MT	CS	26.000		File no. OSC-1334
	Constant Support	01A	OFD-122A-3.1				1.500		Prob. No. 3-01-08
	Class B		0-2490A-3(S)						Main Steam System
C03.020.004	3-01A-H4A		0-2481A	NDE-25	MT	CS	26.000		File no. OSC-1334
	Rigid Restraint	01A	OFD-122A-3.1	NDE-35			0.750		Prob. No. 3-01-08
	Class B		0-2490A-3(S)						Main Steam System 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.
C03.020.006	3-01A-H5A		0-2481A	NDE-25	MT	CS	26.000		File no. OSC-1334
	Rigid Restraint	01A	OFD-122A-3.1	NDE-35			0.750		Prob. No. 3-01-08
	Class B		0-2490A-3(S)						Main Steam System 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.
C03.020.007	3-01A-H5B		0-2481A	NDE-25	MT	CS	26.000		File no. OSC-1334
	Rigid Restraint	01A	OFD-122A-3.1	NDE-35			0.750		Prob. No. 3-01-07
	Class B		0-2490A-2(S)						Main Steam System 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.
C03.020.018	3-14B-H20D		0-2479A	NDE-25	MT	CS	8.000		File No. OSC-1344-06
	Rigid Restraint	14B	OFD-124B-3.2				1.500		Page No. 6(1) 38
	Class B								Problem No. 3-14B-09; System 14B
C03.020.019	3-14B-H22A		0-2480A	NDE-25	MT	CS	8.000		File No. OSC-1344-06
	Rigid Restraint	14B	OFD-124B-3.2	NDE-35			1.500		Page No. 6(2) 38
	Class B								Problem No. 3-14B-08; System 14B PT examination may be performed on areas of the

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

Plan Report  
 Page 29  
 08/18/2003

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

**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
C03.020.020	3-14B-H22D Rigid Restraint Class B		0-2480A 14B OFD-124B-3.2	NDE-25 NDE-35	MT	CS		8.000 1.500	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.  File No. OSC-1344-06 Page No. 6(1) 38 Problem No. 3-14B-09; System 14B 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.
C03.020.028	3-53B-R2 Rigid Restraint Class B		5-0-2436D 53B OFD-102A-3.2	NDE-35	PT	SS		10.000 1.000	File No. OS-552 Page 43.3 Problem No. 3-53-06; System 53B
C03.020.031	3-54A-H25 Rigid Restraint Class B		3-0-2439A 54A OFD-103A-3.1	NDE-35	PT	SS		8.000 1.000	File No. OSC-556 Page No. 64.1 Problem No. 3-54-03
C03.020.032	3-54A-H35 Spring Hgr Class B		3-0-2435B 54A OFD-103A-3.1	NDE-35	PT	SS		8.000 1.000	File No. OSC-554 Page No. 47.1 Problem No. 3-54-01; Reactor Bld Spray
C03.020.033	3-54A-H39 Spring Hgr Class B		3-0-2437B 54A OFD-103A-3.1	NDE-35	PT	SS		8.000 1.000	File No. OSC-554 Page No. 47.1 Problem No. 3-54-01; Reactor Bld Spray
C03.020.043	3SGB-WG87-XY Class B		B&W-149824E 03	NDE-25	MT	CS		0.000 1.000	SGB FDW. HDR. ATTACH. X-Y QUAD. NEAREST TO X-AXIS
C03.020.044	3SGB-WG87-YX Class B		B&W-149824E 03	NDE-25	MT	CS		0.000 1.000	SGB FDW. HDR. ATTACH. Y-X QUAD. NEAREST TO Y-AXIS



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

Plan Report  
Page 31  
08/18/2003

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

**Piping Welds  $\geq$  3/8 In. Nominal Wall Thickness  
for Piping  $>$  NPS 4**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Circumferential Weld ****</b>									
C05.011.001	3LP-134-64		3LP-134	NDE-600	UT	SS	10.000		This weld was listed previously as 3-53A-15-64 until iso 3-53A -15 (2) was redrawn. Procedure PDI-UT-2 may be used.
	Circumferential	53A	OFD-102A-3.2 OFD-102A-3.3				1.125	Valve 3LP-47 to Pipe	
C05.011.001A	3LP-134-64		3LP-134	NDE-35	PT	SS	10.000		This weld was listed previously as 3-53A-15-64 until iso 3-53A-15 (2) was redrawn.
	Circumferential	53A	OFD-102A-3.2 OFD-102A-3.3				1.125	Valve 3LP-47 to Pipe	
C05.011.005	3-53A-17-17		3-53A-17	NDE-600	UT	SS	10.000		Procedure PDI-UT-2 may be used.
	Circumferential	53A	OFD-102A-3.2				1.125	Valve 3LP-48 to Pipe	
C05.011.005A	3-53A-17-17		3-53A-17	NDE-35	PT	SS	10.000		
	Circumferential	53A	OFD-102A-3.2				1.125	Valve 3LP-48 to Pipe	

Total C05.011 Items: 4

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

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

Plan Report  
Page 32  
08/18/2003

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

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Circumferential Weld ****</b>									
C05.021.003	3-51A-101-8		3-51A-101	NDE-600	UT	SS	2.500		Procedure PDI-UT-2 may be used.
	Circumferential	51A	OFD-101A-3.2				0.375		
	Class B				Elbow to Pipe				
C05.021.003A	3-51A-101-8		3-51A-101	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-3.2				0.375		
	Class B				Elbow to Pipe				
C05.021.004	3-51A-101-9		3-51A-101	NDE-600	UT	SS	2.500		Procedure PDI-UT-2 may be used.
	Circumferential	51A	OFD-101A-3.2				0.375		
	Class B				Elbow to Elbow				
C05.021.004A	3-51A-101-9		3-51A-101	NDE-35	PT	SS	2.500		
	Circumferential	51A	OFD-101A-3.2				0.375		
	Class B				Elbow to Elbow				
C05.021.005	3-51A-118-1		3-51A-118	NDE-600	UT	SS	4.000		Procedure PDI-UT-2 may be used.
	Circumferential	51A	OFD-101A-3.4				0.531		
	Class B				Pipe to Elbow				
C05.021.005A	3-51A-118-1		3-51A-118	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-3.4				0.531		
	Class B				Pipe to Elbow				
C05.021.008	3-51A-118-21		3-51A-118	NDE-600	UT	SS	4.000		Procedure PDI-UT-2 may be used.
	Circumferential	51A	OFD-101A-3.4				0.531		
	Class B				Pipe to Elbow				
C05.021.008A	3-51A-118-21		3-51A-118	NDE-35	PT	SS	4.000		
	Circumferential	51A	OFD-101A-3.4				0.531		
	Class B				Pipe to Elbow				

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

Plan Report  
 Page 33  
 08/18/2003

**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**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.016	3-51A-120-10 Circumferential	51A	3-51A-120 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Procedure PDI-UT-2 may be used.
	Class B				Flange to Pipe				
C05.021.016A	3-51A-120-10 Circumferential	51A	3-51A-120 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		
	Class B				Flange to Pipe				
C05.021.021	3-51A-121-22 Circumferential	51A	3-51A-121 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.674		Procedure PDI-UT-2 may be used.
	Class B				Pipe to Valve 3HP-409				
C05.021.021A	3-51A-121-22 Circumferential	51A	3-51A-121 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.674		
	Class B				Pipe to Valve 3HP-409				
C05.021.025	3-51A-140-19 Circumferential	51A	3-51A-140 OFD-101A-3.1	NDE-600	UT	SS	2.500 0.375		Procedure PDI-UT-2 may be used.
	Class B				Elbow to Pipe				
C05.021.025A	3-51A-140-19 Circumferential	51A	3-51A-140 OFD-101A-3.1	NDE-35	PT	SS	2.500 0.375		
	Class B				Elbow to Pipe				
C05.021.035	3-51A-52-20 Circumferential	51A	3-51A-52 OFD-101A-3.3	NDE-600	UT	SS	4.000 0.531		Procedure PDI-UT-2 may be used.
	Class B				Tee to Valve 3HP-117				
C05.021.035A	3-51A-52-20 Circumferential	51A	3-51A-52 OFD-101A-3.3	NDE-35	PT	SS	4.000 0.531		
	Class B				Tee to Valve 3HP-117				
C05.021.044	3-51A-119-41 Circumferential	51A	3-51A-119 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.674		Procedure PDI-UT-2 may be used.
	Class B				Pipe to Valve 3HP-410				

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

Plan Report  
 Page 34  
 08/18/2003

**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**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.044A	3-51A-119-41 Circumferential Class B		3-51A-119 51A OFD-101A-3.4	NDE-35	PT	SS	4.000 0.674		Pipe to Valve 3HP-410
C05.021.046	3-51A-59-40 Circumferential Class B		3-51A-59 51A OFD-101A-3.4	NDE-600	UT	SS	2.500 0.552		Procedure PDI-UT-2 may be used. Tee to Pipe
C05.021.046A	3-51A-59-40 Circumferential Class B		3-51A-59 51A OFD-101A-3.4	NDE-35	PT	SS	2.500 0.552		Tee to Pipe
C05.021.056	3-51A-75-34 Circumferential Class B		3-51A-75 51A OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Procedure PDI-UT-2 may be used. Tee to Valve 3HP-140
C05.021.056A	3-51A-75-34 Circumferential Class B		3-51A-75 51A OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		Tee to Valve 3HP-140
C05.021.057	3-51A-77-13 Circumferential Class B		3-51A-77 51A OFD-101A-3.1	NDE-600	UT	SS	4.000 0.531		Procedure PDI-UT-2 may be used. Elbow to Reducer
C05.021.057A	3-51A-77-13 Circumferential Class B		3-51A-77 51A OFD-101A-3.1	NDE-35	PT	SS	4.000 0.531		Elbow to Reducer
C05.021.066	3-51A-87-8 Circumferential Class B		3-51A-87 51A OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Procedure PDI-UT-2 may be used. Tee to Valve 3HP-029
C05.021.066A	3-51A-87-8 Circumferential Class B		3-51A-87 51A OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		Tee to Valve 3HP-029

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

Plan Report  
 Page 35  
 08/18/2003

**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**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.067	3-51A-87-9 Circumferential Class B	51A	3-51A-87 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Procedure PDI-UT-2 may be used.
									Valve 3HP-029 to Pipe
C05.021.067A	3-51A-87-9 Circumferential Class B	51A	3-51A-87 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		
									Valve 3HP-029 to Pipe
C05.021.075	3-51A-118-4 Circumferential Class B	51A	3-51A-118 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.
									Elbow to Elbow
C05.021.075A	3-51A-118-4 Circumferential Class B	51A	3-51A-118 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		
									Elbow to Elbow
C05.021.080	3-51A-140-26 Circumferential Class B	51A	3-51A-140 OFD-101A-3.1	NDE-600	UT	SS	2.000 0.344		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.
									Pipe to Reducer
C05.021.080A	3-51A-140-26 Circumferential Class B	51A	3-51A-140 OFD-101A-3.1	NDE-35	PT	SS	2.000 0.344		
									Pipe to Reducer
C05.021.085	3-51A-52-26 Circumferential Class B	51A	3-51A-52 OFD-101A-3.3	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.
									Tee to Pipe
C05.021.085A	3-51A-52-26 Circumferential Class B	51A	3-51A-52 OFD-101A-3.3	NDE-35	PT	SS	4.000 0.531		
									Tee to Pipe
C05.021.090	3-51A-59-42 Circumferential Class B	51A	3-51A-59 OFD-101A-3.4	NDE-600	UT	SS	2.500 0.552		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.
									Tee to Valve 3HP-122

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

Plan Report  
 Page 36  
 08/18/2003

**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**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.090A	3-51A-59-42 Circumferential	3-51A-59 51A OFD-101A-3.4	NDE-35	PT	SS	2.500 0.552		
Class B				Tee to Valve 3HP-122				
C05.021.095	3-51A-87-16 Circumferential	3-51A-87 51A OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.
Class B				Flange to Pipe				
C05.021.095A	3-51A-87-16 Circumferential	3-51A-87 51A OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		
Class B				Flange to Pipe				
C05.021.109	3-51A-66-12 Circumferential	3-51A-66 51A OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.
Class B				Pipe to Elbow				
C05.021.109A	3-51A-66-12 Circumferential	3-51A-66 51A OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		
Class B				Pipe to Elbow				
C05.021.110	3-51A-66-25 Circumferential	3-51A-66 51A OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.
Class B				Pipe to Elbow				
C05.021.110A	3-51A-66-25 Circumferential	3-51A-66 51A OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		
Class B				Pipe to Elbow				
C05.021.111	3HP-365-37 Circumferential	3HP-365 51A OFD-101A-3.4	NDE-600	UT	SS	4.000 0.674		Reference Request for Relief 95-02 for calibration block. This weld was listed previously as 3-51A-66-37 on iso 3-51A-66 until it was transferred to iso 3HP-365. Procedure PDI-UT-2 may be used.
Class B				Tee to Pipe				

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

Plan Report  
 Page 37  
 08/18/2003

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

**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
C05.021.111A	3HP-365-37 Circumferential Class B	51A	3HP-365 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.674		This weld was listed previously as 3-51A-66-37 on iso 3-51A-66 until it was transferred to iso 3HP-365.  Tee to Pipe
C05.021.112	3HP-343-4 Circumferential Class B	51A	3HP-343 OFD-101A-3.1	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. This weld was listed previously as 3-51A-79-4 on iso 3-51A-79 until it was transferred to iso 3HP-343. Procedure PDI-UT-2 may be used.  Elbow to Elbow
C05.021.112A	3HP-343-4 Circumferential Class B	51A	3HP-343 OFD-101A-3.1	NDE-35	PT	SS	4.000 0.531		This weld was listed previously as 3-51A-79-4 on iso 3-51A-79 until it was transferred to iso 3HP-343.  Elbow to Elbow
C05.021.113	3-51A-86-8 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Procedure PDI-UT-2 may be used.  Elbow to Pipe
C05.021.113A	3-51A-86-8 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		Elbow to Pipe
C05.021.114	3-51A-86-14 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.  Elbow to Pipe
C05.021.114A	3-51A-86-14 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		Elbow to Pipe
C05.021.115	3-51A-86-15C Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used.  Elbow to Pipe

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

Plan Report  
 Page 38  
 08/18/2003

**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**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.115A	3-51A-86-15C Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		Elbow to Pipe
C05.021.116	3-51A-86-22 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used. Elbow to Pipe
C05.021.116A	3-51A-86-22 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		Elbow to Pipe
C05.021.117	3-51A-86-3 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used. Elbow to Pipe
C05.021.117A	3-51A-86-3 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		Elbow to Pipe
C05.021.118	3-51A-86-7 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-600	UT	SS	4.000 0.531		Reference Request for Relief 95-02 for calibration block. Procedure PDI-UT-2 may be used. Elbow to Elbow
C05.021.118A	3-51A-86-7 Circumferential Class B	51A	3-51A-86 OFD-101A-3.4	NDE-35	PT	SS	4.000 0.531		Elbow to Elbow

Total C05.021 Items: 58

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

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

**Socket Welds**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
C05.030.003	3-51B-30-12		3-51B-30	NDE-35	PT	SS		2.000	
	Socket		51B OFD-101A-3.2					0.154	
	Class B								Welding Boss to Pipe
C05.030.006	3-51B-59-22A		3-51B-59	NDE-35	PT	SS		2.000	
	Socket		51B OFD-101A-3.2					0.154	
	Class B								Pipe to Full Coupling
<b>Total C05.030 Items:</b>		<b>2</b>							

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

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

**Pipe Branch Connections of Branch Piping >= NPS 2**

**Oconee 3**

**Inservice Inspection Plan for Interval 3 Outage 6**

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

**\*\*\*\* Circumferential Weld \*\*\*\***

C05.041.002	3-51B-30-11		3-51B-30	NDE-35	PT	SS	2.000			
	Branch		51B OFD-101A-3.2				0.154			
	Class B				Pipe to					Welding Boss

**Total C05.041 Items: 1**

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

Plan Report  
Page 41  
08/18/2003

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

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

**Piping Welds  $\geq$  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
<b>**** Circumferential Weld ****</b>									
C05.051.006	3MS-122-1		3MS-122	NDE-600	UT	CS	6.000		This weld was listed previously as 3-01A-14-1 on iso 3-01A-14 until it was transferred to iso 3MS-122. Procedure PDI-UT-1 may be used.
	Circumferential	01A	OFD-122A-3.2				0.432	Pipe to Elbow	
	Class B								
C05.051.006A	3MS-122-1		3MS-122	NDE-25	MT	CS	6.000		This weld was listed previously as 3-01A-14-1 on iso 3-01A-14 until it was transferred to iso 3MS-122. The inspection in outage 5 was for additional sample and does not count in percentages.
	Circumferential	01A	OFD-122A-3.2				0.432	Pipe to Elbow	
	Class B								
C05.051.009	3MS-1B-A		3-01A-23	NDE-600	UT	CS	26.000		Grinnell Subassembly 3MS-1B Procedure PDI-UT-1 may be used.
	Circumferential	01A	OFD-122A-3.1				0.875	Pipe to Elbow	
	Class B		3MS-1B						
C05.051.009A	3MS-1B-A		3-01A-23	NDE-25	MT	CS	26.000		Grinnell Subassembly 3MS-1B
	Circumferential	01A	OFD-122A-3.1				0.875	Pipe to Elbow	
	Class B		3MS-1B						
C05.051.017	3FWD-83-F		3-03-27	NDE-600	UT	CS	24.000		Grinnell Subassembly 3FWD-83 Procedure PDI-UT-1 may be used.
	Circumferential	03	OFD-121B-3.3				1.218	Pipe to Reducer	
	Class B		3FWD-83						
C05.051.017A	3FWD-83-F		3-03-27	NDE-25	MT	CS	24.000		Grinnell Subassembly 3FWD-83
	Circumferential	03	OFD-121B-3.3				1.218	Pipe to Reducer	
	Class B		3FWD-83						
C05.051.019	3-03-29-WG91-D		3-03-29	NDE-600	UT	CS	14.000		Procedure PDI-UT-1 may be used.
	Circumferential	03	OFD-121B-3.3				0.750	Pipe to Pipe Cap	
	Class B		OM-2201-223						
C05.051.019A	3-03-29-WG91-D		3-03-29	NDE-25	MT	CS	14.000		Pipe to Pipe Cap
	Circumferential	03	OFD-121B-3.3				0.750		
	Class B		OM-2201-223						

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

Plan Report  
Page 42  
08/18/2003

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

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.020	3-03-30-WG91-C		3-03-30	NDE-600	UT	CS	14.000		Procedure PDI-UT-1 may be used.
Class B	Circumferential	03	OFD-121B-3.3 OM-2201-223		Tee to Pipe		0.750		
C05.051.020A	3-03-30-WG91-C		3-03-30	NDE-25	MT	CS	14.000		Procedure PDI-UT-1 may be used.
Class B	Circumferential	03	OFD-121B-3.3 OM-2201-223		Tee to Pipe		0.750		
C05.051.026	3-03A-97-13		3-03A-97	NDE-600	UT	CS	6.000		Procedure PDI-UT-1 may be used.
Class B	Circumferential	03A	OFD-121D-3.1		Elbow to Pipe		0.562		
C05.051.026A	3-03A-97-13		3-03A-97	NDE-25	MT	CS	6.000		Procedure PDI-UT-1 may be used.
Class B	Circumferential	03A	OFD-121D-3.1		Elbow to Pipe		0.562		
C05.051.034	3LPS-478-76		3LPS-478	NDE-600	UT	CS	8.000		This weld was listed previously as 3-14B-119-76 until iso 3-14B-119 was redrawn. Procedure PDI-UT-1 may be used.
Class B	Circumferential	14B	OFD-124B-3.2		Pipe to Tee		0.500		
C05.051.034A	3LPS-478-76		3LPS-478	NDE-25	MT	CS	8.000		This weld was listed previously as 3-14B-119-76 until iso 3-14B-119 was redrawn.
Class B	Circumferential	14B	OFD-124B-3.2		Pipe to Tee		0.500		
C05.051.039	3LPS-477-53		3LPS-477	NDE-600	UT	CS	8.000		This weld was listed previously as 3-14B-119-53 until iso 3-14B-119 was redrawn. Procedure PDI-UT-1 may be used.
Class B	Circumferential	14B	OFD-124B-3.2		Pipe to Pipe		0.500		
C05.051.039A	3LPS-477-53		3LPS-477	NDE-25	MT	CS	8.000		This weld was listed previously as 3-14B-119-53 until iso 3-14B-119 was redrawn.
Class B	Circumferential	14B	OFD-124B-3.2		Pipe to Pipe		0.500		
C05.051.044	3LPS-478-77		3LPS-478	NDE-600	UT	CS	8.000		This weld was listed previously as 3-14B-119-77 until iso 3-14B-119 was redrawn. Procedure PDI-UT-1 may be used.
Class B	Circumferential	14B	OFD-124B-3.2		Pipe to Tee		0.500		

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

Plan Report  
Page 43  
08/18/2003

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

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.044A	3LPS-478-77 Circumferential		3LPS-478 14B OFD-124B-3.2	NDE-25	MT	CS	8.000 0.500		This weld was listed previously as 3-14B-119-77 until iso 3-14B-119 was redrawn.
Class B					Pipe to Tee				
C05.051.045	3LPS-478-9 Circumferential		3LPS-478 14B OFD-124B-3.2	NDE-600	UT	CS	8.000 0.500		This weld was listed previously as 3-14B-119-9 until iso 3-14B-119 was redrawn. Procedure PDI-UT-1 may be used.
Class B					Elbow to Elbow				
C05.051.045A	3LPS-478-9 Circumferential		3LPS-478 14B OFD-124B-3.2	NDE-25	MT	CS	8.000 0.500		This weld was listed previously as 3-14B-119-9 until iso 3-14B-119 was redrawn.
Class B					Elbow to Elbow				
<b>Total C05.051 Items:</b>		<b>20</b>							

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

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

**Pipe Branch Connections of Branch Piping >= NPS 2**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Circumferential Weld ****</b>									
C05.081.006	3MS-15A-F-1		3-01A-9	NDE-25	MT	CS	8.000		Grinnell Subassembly 3MS-15A. Inspect the Gaurd Pipe to Reinforcing Collar weld AND the Reinforcing Collar to the Main Steam Header pipe Weld. This is done because weld# 3-MS15A-F is Inaccessible due to Gaurd Pipe. See Request for Relief ONS-010.
	Branch	01A	OFD-122A-3.1				0.906		
Class B			3MS-15A		Pipe to Pipe				
C05.081.010	3FWD-83-C		3-03-27	NDE-25	MT	CS	24.000		Grinnell Subassembly 3FWD-83 Inspect both welds on the Reinforcing collar.
	Branch	03	OFD-121B-3.3				1.218		
Class B			3FWD-83		Pipe to Pipe				
<hr/>									
<b>Total C05.081 Items:</b>		<b>2</b>							
<b>Total C05 Items:</b>		<b>87</b>							



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

Plan Report  
 Page 46  
 08/18/2003

**Integral Attachment**

Oconee 3

## Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.049	3-03A-H110		1-0-2400A	QAL-14	VT-3	NA	6.000		File No. OSC-526
	Rigid Restraint	03A	OFD-121D-3.1				0.125		Page No. 42; Problem No. 3-03A-09
	Class C								Emergency Feedwater System
D02.020.050	3-03A-H159		1-0-2401B	QAL-14	VT-3	NA	6.000		File No. OSC-527
	Rigid Restraint	03A	OFD-121D-3.1				0.500		Page No. 39; Problem No. 3-03A-10
	Class C								Emergency Feedwater System
D02.020.061	3-03A-SR119		1-0-2400A	QAL-14	VT-3	NA	6.000		File No. OSC-526
	Rigid Restraint	03A	OFD-121D-3.1				0.500		Page No. 41; Problem No. 3-03A-09
	Class C								Emergency Feedwater System
D02.020.062	3-03A-SR121		1-0-2400A	QAL-14	VT-3	NA	6.000		File No. OSC-526
	Rigid Restraint	03A	OFD-121D-3.1				0.500		Page No. 41; Problem No. 3-03A-09
	Class C								Emergency Feedwater System
D02.020.067	3-03A-SR138		1-0-2437A	QAL-14	VT-3	NA	6.000		File No. OS-524
	Rigid Restraint	03A	OFD-121D-3.1				1.000		Page No. 64; Problem No. 3-03A-07
	Class C								Emergency Feedwater System
D02.020.068	3-03A-SR139		1-0-2437A	QAL-14	VT-3	NA	6.000		File No. OS-524
	Rigid Restraint	03A	OFD-121D-3.1				0.500		Page No. 64; Problem No. 3-03A-07
	Class C								Emergency Feedwater System
D02.020.091	3-04A-SR3		2-0-2439B	QAL-14	VT-3	NA	6.000		File No. OSC-520
	Rigid Restraint	04A	OFD-121B-3.5				0.500		Page No. 48.1
	Class C								Problem No. 3-04A-01; System 04A
D02.020.096	3-07A-SR15		4-0-2402A	QAL-14	VT-3	NA	8.000		File No. OS-522
	Rigid Restraint	07A	OFD-121A-3.8				1.000		Page No. 60.1
	Class C								Problem No. 3-07-03; System 07A
D02.020.103	3-13-SR2		7-0-2400A	QAL-14	VT-3	NA	24.000		File no OSC-523 Page 40
	Rigid Restraint	13	OFD-133A-3.2				0.337		Prob. No. 13-7
	Class C								Condenser Circulating Water Emerg. Disch.



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

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

Plan Report  
Page 48  
08/18/2003

**Integral Attachment**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.121	3-14B-H101 Rigid Restraint Class C	0-2437B 14B OFD-124A-3.1	QAL-14	VT-3	NA	20.000 1.500	File No.OS-535 Page 60 Problem No.3-14-6 LPSWater
D02.020.122	3-14B-H102 Rigid Restraint Class C	0-2437B 14B OFD-124A-3.1	QAL-14	VT-3	NA	20.000 1.500	File No.OS-535 Page 60 Problem No.3-14-6 LPSWater
D02.020.123	3-14B-H17 Rigid Restraint Class C	0-2438A 14B OFD-124B-3.1	QAL-14	VT-3	NA	14.000 2.000	File no. OSC-533 Prob. No. 3-14-05 Page 61.1 LPSWater
D02.020.124	3-14B-JGM-2706 Rigid Restraint Class C	0-2437A 14B OFD-124B-3.1	QAL-14	VT-3	NA	16.000 0.187	File no. OSC-536 Prob. No. 3-14-01 Page 38 LPSWater Cooler Discharge
D02.020.125	3-14B-JTC-0101 Rigid Restraint Class C	0-2439B 14B OFD-124B-3.2	QAL-14	VT-3	NA	18.000 0.187	File No. OSC-532 Page No. 80; Problem No. 3-14-04 Low Pressure Service Water Discharge from R B Coolers
D02.020.126	3-14B-ML-5005 Rigid Restraint Class C	0-2437A 14B OFD-124A-3.1	QAL-14	VT-3	NA	20.000 2.000	File no. OSC-1808 Sht 2 of 2 Prob. No. 3-08-1 Page 36 Emergency F.W. Pump Turbine Exh. to Condenser
D02.020.127	3-14B-R101 Rigid Restraint Class C	0-2437B 14B OFD-124A-3.1	QAL-14	VT-3	NA	20.000 0.500	File No.OS-535 Page 60 Problem No.3-14-6 LPSWater
D02.020.128	3-14B-R103 Rigid Restraint Class C	0-2439B 14B OFD-124B-3.2	QAL-14	VT-3	NA	8.000 0.237	File No. OSC-535 Page No. 61.1 Problem No. 3-14-6; Low Pressure Service Water
D02.020.143	3-57-H5 Rigid Restraint Class C	0-2481A 57 OFD-100A-3.2	QAL-14	VT-3	NA	12.000 0.750	File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System

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

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

Plan Report  
Page 49  
08/18/2003

**Integral Attachment**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.149	1-WL-100A-K0001		KFD-100A-1.1	QAL-14	VT-3	NA	8.000		Integral Attachment Inspection
	Rigid Restraint	WL					0.500		Keowee Unit 1
	Class C								
D02.020.151	2-WL-100A-K0032		KFD-100A-2.1	QAL-14	VT-3	NA	8.000		Integral Attachment Inspection
	Rigid Restraint	WL					0.500		Keowee Unit 2
	Class C								

Total D02.020 Items: 37

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

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

Plan Report  
Page 50  
08/18/2003

**Integral Attachment**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
<b>**** Mechanical and Hydraulic Snubbers ****</b>									
D02.030.002	3-03-SR3		0-2401A	QAL-14	VT-3	NA		24.000	File no. OSC-512 Page 136.1
	Hyd Snubber	03	OFD-121B-3.3					0.406	Prob. No. 3-03-01
	Class C								Main Feedwater System. Inspect with Item No. F01.050.001

**Total D02.030 Items: 1**

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

Plan Report  
 Page 51  
 08/18/2003

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

**Integral Attachment**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
<b>**** Spring Type Supports ****</b>									
D02.040.001	3-01A-H7		4-0-2400A	QAL-14	VT-3	NA	6.000		File no. OSC-510 Sht 2 of 3
	Spring Hgr	01A	OFD-122A-3.4				0.125		Prob. No. 3-01A-04 Page 68
	Class C								Main Steam to Emergency F.W. Pump
D02.040.002	3-01A-H8		4-0-2400A	QAL-14	VT-3	NA	6.000		File no. OSC-510 Sht 2 of 3
	Rigid Support	01A	OFD-122A-3.4				0.216		Prob. No. 3-01A-04 Page 68
	Class C								Main Steam to Emergency F.W. Pump
D02.040.003	3-03-H48		0-2401A	QAL-14	VT-3	NA	24.000		File no. OSC-512 Page136.1
	Spring Hgr	03	OFD-121B-3.3				0.322		Prob. No. 3-03-01
	Class C								Main Feedwater System
D02.040.004	3-03-H49		0-2401A	QAL-14	VT-3	NA	24.000		File no. OSC-512 Page136.1
	Spring Hgr	03	OFD-121B-3.3				1.500		Prob. No. 3-03-01
	Class C								Main Feedwater System
D02.040.005	3-03-H50		0-2401A	QAL-14	VT-3	NA	24.000		File no. OSC-512 Page136.1
	Spring Hgr	03	OFD-121B-3.3				0.625		Prob. No. 3-03-01
	Class C								Main Feedwater System
D02.040.006	3-03-H58		0-2401A	QAL-14	VT-3	NA	24.000		File no. OSC-512 Page136.1
	Spring Hgr	03	OFD-121B-3.3				0.322		Prob. No. 3-03-01
	Class C								Main Feedwater System
D02.040.007	3-03-H59		0-2401A	QAL-14	VT-3	NA	24.000		File no. OSC-512 Page136.1
	Spring Hgr	03	OFD-121B-3.3				1.500		Prob. No. 3-03-01
	Class C								Main Feedwater System
D02.040.019	3-07A-H15		0-2401A	QAL-14	VT-3	NA	8.000		File No. OS-522
	Spring Hgr	07A	OFD-121A-3.8				1.000		Page No. 60.1
	Class C								Problem No. 3-07-03; System 07A



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

Plan Report  
Page 53  
08/18/2003

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

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.001	3-51A-H12B Rigid Restraint Class A	51A	0-2479A OFD-101A-3.4 0-2492B-3(S)	QAL-14	VT-3	NA	2.500 0.375		File No. OSC-1342-06 Vol.A Prob. No. 3-51-20 H.P.I. West Coolant Loop South Leg
F01.010.002	3-51A-H2B Rigid Restraint Class A	51A	0-2479A OFD-101A-3.4 0-2492B-3(S)	QAL-14	VT-3	NA	2.500 0.375		File No. OSC-1342-06 Vol.A Prob. No. 3-51-20 H.P.I. West Coolant Loop South Leg
F01.010.005	3-59-H28 Rigid Restraint Class A	59	0-2478A OFD-100A-3.1	QAL-14	VT-3	NA	1.500 0.250		File NO. OSC-1660-01 Page No. 60.1 Problem No. 3-51-14; R C Pump to HPI Letdown Coolers.
<b>Total F01.010 Items:</b>		<b>3</b>							
F01.011.001	3-51A-H10A Rigid Restraint Class A	51A	0-2479A OFD-101A-3.4	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343 Vol.B of C Prob. No. 3-53-10 Page 59 H.P.I. East Coolant Loop
F01.011.002	3-51A-H12A Rigid Restraint Class A	51A	0-2479A OFD-101A-3.4	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343 Vol.B of C Prob. No. 3-53-10 Page 58 H.P.I. East Coolant Loop
F01.011.008	3-59-H6514 Rigid Restraint Class A	59	0-2478D OFD-100A-3.1	QAL-14	VT-3	NA	1.500 0.000		File No. OSC-1349-06 Problem No. 3-59-05, sht. 1 of 1 Reactor Bld Component Drains
<b>Total F01.011 Items:</b>		<b>3</b>							
F01.012.011	3-50-RCPM-3B1-SS1 Mech Snubber Class A	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calclaton No. OSC-1011-01-0003, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-096-1575. Inspect with F01.050.113.
<b>Total F01.012 Items:</b>		<b>1</b>							

**CATEGORY F-A, Supports (Category A)**

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

Plan Report  
 Page 54  
 08/18/2003

**Class 2 Weld Connections to Building Structure**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.001	3-01A-H4A Rigid Restraint Class B	01A	0-2481A OFD-122A-3.1 0-2490A-3(S)	QAL-14	VT-3	NA	26.000 0.750		File no. OSC-1334 Prob. No. 3-01-08 Main Steam System Inspect at the same time item number C03.020.004 is inspected.
F01.020.002	3-01A-H5A Rigid Restraint Class B	01A	0-2481A OFD-122A-3.1 0-2490A-3(S)	QAL-14	VT-3	CS	26.000 0.750		File no. OSC-1334 Prob. No. 3-01-08 Main Steam System Inspect at the same time item number C03.020.006 is inspected.
F01.020.020	3-53B-DE026 Rigid Restraint Class B	53B	0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000	Sway Strut to	File No. OS-550 Page No. 56 Problem No. 3-53-03; System 53B
F01.020.021	3-53B-DE027 Rigid Restraint Class B	53B	0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000	Sway Strut to	File No. OS-550 Page No. 56 Problem No. 3-53-03; System 53B
F01.020.022	3-53B-DE028 Rigid Restraint Class B	53B	0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000	Sway Strut to	File No. OS-550 Page No. 56 Problem No. 3-53-03; System 53B
F01.020.029	3-54A-DE003 Rigid Restraint Class B	54A	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.000	Sway Strut to	File No. OSC-554 Page No. 47.1 Problem No. 3-54-01; Reactor Bld Spray
F01.020.030	3-54A-H25 Rigid Restraint Class B	54A	3-0-2439A OFD-103A-3.1	QAL-14	VT-3	NA	8.000 1.000		File No. OSC-556 Page No. 64.1 Problem No. 3-54-03
F01.020.035	3-54A-SR19 Rigid Restraint Class B	54A	3-0-2439B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No. OSC-556 Page No. 65.1 Problem No. 3-54-03

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

Plan Report  
 Page 55  
 08/18/2003

**Class 2 Weld Connections to Building Structure**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.048	3-51B-H24 Rigid Restraint	51B	2-0-2437A OFD-101A-3.1	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-543 Page 58.3 Prob. No. 3-51-6 sht.2 of 2
Class B									
F01.020.051	3-51B-H63 Rigid Restraint	51B	1-0-2436G OFD-101A-3.2	QAL-14	VT-3	NA	6.000 0.280		File No. OSC-539 Page 145 Prob. No. 3-51-2 sht.3 of 5
Class B									
<b>Total F01.020 Items:</b>		<b>10</b>							
F01.021.005	3-14B-H20D Rigid Restraint	14B	0-2479A OFD-124B-3.2	QAL-14	VT-3	NA	8.000 1.500		File No. OSC-1344-06 Page No. 6(1) 38 Problem No. 3-14B-09 System 14B
Class B									
F01.021.006	3-14B-H22A Rigid Restraint	14B	0-2480A OFD-124B-3.2	QAL-14	VT-3	NA	8.000 1.500		File No. OSC-1344-06 Page No. 6(2) 38 Problem No. 3-14B-08 System 14B
Class B									
F01.021.007	3-14B-H22D Rigid Restraint	14B	0-2480A OFD-124B-3.2	QAL-14	VT-3	NA	8.000 1.500		File No. OSC-1344-06 Page No. 6(1) 38 Problem No. 3-14B-09 System 14B
Class B									
F01.021.011	3-51A-DE006 Rigid Restraint	51A	0-2435D OFD-101A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-538 Prob. No. 3-51-1 Page 108 Disch.to Letdown Storage Tanks from R.C. Seal Return Coolers
Class B									
F01.021.012	3-51A-DE083 Rigid Restraint	51A	0-2439A OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-4 Page 63 H.P.I.to Reactor Coolant Loop "A"
Class B									
F01.021.013	3-51A-DE084 Rigid Restraint	51A	0-2439D OFD-101A-3.1	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-538 Prob. No. 3-51-1 Sht.8 of 9 R.C. Seal Return Cooler and Purification Demin.
Class B									

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

Plan Report  
 Page 56  
 08/18/2003

**Class 2 Weld Connections to Building Structure**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.021.014	3-51A-DE085 Rigid Restraint	51A	2-0-2439C OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-542 Prob. No. 3-51-05 Page 42 HPI Pump Disch.
Class B									
F01.021.024	3-53B-R2 Rigid Restraint	53B	5-0-2436D OFD-102A-3.2	QAL-14	VT-3	NA	10.000 1.000		File No. OS-552 Page 43.3 Problem No. 3-53-06 System 53B
Class B									
F01.021.030	3-56-DE052 Rigid Restraint	56	0-2438D OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No. OSC-563 Page No. 94.6 Problem No. 3-56-02 Spent Fuel Cooling
Class B									
F01.021.035	3-51B-SB-1002 Rigid Restraint	51B	0-2436G OFD-101A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-538 Page 105 Prob. No. 51-1 sht. 1 of 9
Class B									
<b>Total F01.021 Items:</b>		<b>10</b>							
F01.022.009	3-53B-DE013 Mech Snubber	53B	0-2435B OFD-102A-3.1	QAL-14	VT-3	NA	14.000 0.000		File NO. OS-549 Page 78 Problem No. 3-53-01 L P Injection & Decay Heat Removal. Inspect with Item No. F01.050.071
Class B									
F01.022.011	3-53B-H43 Spring Hgr	53B	5-0-2436D OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No. OS-550 Page No. 58 Problem No. 3-53-03 System 53B
Class B									
F01.022.014	3-53B-SR46 Mech Snubber	53B	2-0-2435D OFD-101A-3.3	QAL-14	VT-3	NA	6.000 0.000		File No. OSC-539 Prob. No. 3-51-2 Page 145 H.P.I. Pumps 3A,3B,&3C Suction Header. Inspect with Item No. F01.050.090
Class B									
F01.022.015	3-54A-H35 Spring Hgr	54A	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 1.000		File No. OSC-554 Page No. 47.1 Problem No. 3-54-01 Reactor Bld Spray
Class B									

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

Plan Report  
Page 57  
08/18/2003

**Class 2 Weld Connections to Building Structure**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.022.016	3-54A-H39 Spring Hgr	54A	3-0-2437B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 1.000		File No. OSC-554 Page No. 47.1 Problem No. 3-54-01 Reactor Bld Spray
Class B									
F01.022.020	3-01A-H1 Constant Support	01A	0-2441 OFD-122A-3.1	QAL-14	VT-3	NA	36.000 0.000		Struc. # OSC-1000 Prob. # OS 506/3/01A Data Point 70
Class B									
F01.022.025	3-51B-H5535 Spring Hgr	51B	2444 OFD-101A-3.1	QAL-14	VT-3	NA	2.000 0.000		File No. OSC-543 Page 58.3 Prob. No. 3-51-6 sht.2 of 2
Class B									
<b>Total F01.022 Items:</b>		<b>7</b>							

**CATEGORY F-A, Supports (Category A)**

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

Plan Report  
Page 58  
08/18/2003

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

Oconee 3

## Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.006	3-03A-DE048		1-0-2400A	QAL-14	VT-3	NA	6.000		File No. OSC-526
	Rigid Restraint	03A	OFD-121D-3.1				0.125		Page No. 42
	Class C								Problem No. 3-03A-09 Emergency Feedwater System
F01.030.039	3-57-H5		0-2481A	QAL-14	VT-3	NA	12.000		File No. OSC-1351-06
	Rigid Restraint	57	OFD-100A-3.2				0.750		Problem No. 3-57-01
	Class C								Dwg # 0-3RB-357001-01 PZR Relief Valve System Inspect at the same time item number D02.020.143 is inspected.
<b>Total F01.030 Items:</b>		<b>2</b>							
F01.031.002	3-03A-H11		1-0-2439B	QAL-14	VT-3	NA	6.000		File No. OS-519
	Rigid Restraint	03A	OFD-121D-3.1				0.375		Page No. 54
	Class C								Problem No. 3-03A-06 Emergency Feedwater System
F01.031.003	3-03A-H110		1-0-2400A	QAL-14	VT-3	NA	6.000		File No. OSC-526
	Rigid Restraint	03A	OFD-121D-3.1				0.125		Page No. 42
	Class C								Problem No. 3-03A-09 Emergency Feedwater System
F01.031.011	3-04A-SR3		2-0-2439B	QAL-14	VT-3	NA	6.000		File No. OSC-520
	Rigid Restraint	04A	OFD-121B-3.5				0.500		Page No. 48.1
	Class C								Problem No. 3-04A-01 System 04A
F01.031.015	3-13-SR2		7-0-2400A	QAL-14	VT-3	NA	24.000		File No. OSC-523 Page 40
	Rigid Restraint	13	OFD-133A-3.2				0.337		Prob. No. 13-7
	Class C								Condenser Circulating Water Emerg. Disch.
F01.031:025	2-WL-100A-K0032		KFD-100A-2.1	QAL-14	VT-3	NA	8.000		Calc.# KC-0111, Page 30
	Rigid Restraint	WL					0.500		Problem # 0-WL-01 sht. 1 of 1
	Class C								Keowee Unit 2 Inspect at the same time item number D02.021.151 is inspected.
<b>Total F01.031 Items:</b>		<b>5</b>							

**CATEGORY F-A, Supports (Category C)**

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

Plan Report  
 Page 59  
 08/18/2003

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

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
F01.032.001	3-01A-H7 Spring Hgr Class C		4-0-2400A 01A OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.125		File no. OSC-510 Sht 2 of 3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
F01.032.002	3-01A-H6 Spring Hgr Class C		4-0-2403C 01A OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-510 Sht 2 of 3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
F01.032.003	3-03-H48 Spring Hgr Class C		0-2401A 03 OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.322		File no. OSC-512 Page 136.1 Prob. No. 3-03-01 Main Feedwater System
F01.032.004	3-03-H49 Spring Hgr Class C		0-2401A 03 OFD-121B-3.3	QAL-14	VT-3	NA	24.000 1.500		File No. OSC-512 Page 136.1 Prob. No. 3-03-01 Main Feedwater System
F01.032.009	3-03A-SR101PO Hyd Snubber Class C		1-0-2401A 03A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-513 Page 72 Prob. No. 3-03A-02 Emergency Feedwater System. Inspect with Item No. F01.050.035
F01.032.011	3-07A-H15 Spring Hgr Class C		0-2401A 07A OFD-121A-3.8	QAL-14	VT-3	NA	8.000 1.000		File No. OS-522 Page No. 60.1 Problem No. 3-07-03 System 07A
F01.032.013	3-08-H1 Spring Hgr Class C		1-0-2400A 08 OFD-122A-3.4	QAL-14	VT-3	NA	10.000 0.237		File no. OSC-1808 Sht 2 of 2 Prob. No. 3-08-1 Page 36 Emergency F.W. Pump Turbine Exh. to Condenser
<b>Total F01.032 Items: 7</b>									

**CATEGORY F-A, Supports**

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

Plan Report  
Page 60  
08/18/2003

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

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.040.001	3-RPV-WR36	0M 2201-51 ISI-OCN3-001	QAL-14	VT-3	NA	0.000 0.000		Reactor Vessel Support Skirt. Class A
	Class A							
F01.040.015	3-SF-PU-A	0M 2201-21 0M 2201-597 OFD 104A-3.1	QAL-14	VT-3	NA	0.000 0.000		Spent Fuel Pump "A". Support Legs & Pad. Class C
	Class C							
F01.040.016	3-SF-COOLER-A	0M 201-84  OFD 104A-3.1	QAL-14	VT-3	NA	0.000 0.000		Spent Fuel Cooler "A". Support Legs .Class C
	Class C							
F01.040.026	3-RC-SR-FILTER	0M 201-2135-001 OFD-101A-3.1	QAL-14	VT-3	NA	0.000 0.000		3RC Seal Return Filter Support. Class B
	Class B							
F01.040.033	3-CON-BOR-TANK	0M-2201-13 OFD-106A-3.2	QAL-14	VT-3	NA	0.000 0.000		Concentrated Boric Acid Storage Tank Support. Class C
	Class C							
F01.040.034	3-PEN-ROOM-FLTR	0M-272-10 OFD-116B-3.1	QAL-14	VT-3	NA	0.000 0.000		Penetration Room Filter Train 3A Support Class C
	Class C							
F01.040.035	3-PEN-ROOM-FAN	0-2485C OFD-116B-3.1	QAL-14	VT-3	NA	0.000 0.000		Penetration Room Fan 3A Support Class C
	Class C							
F01.040.037	3-ESVP-3A	 OFD-130A-3.1	QAL-14	VT-3	SS	0.000 0.000		Essential Siphon Vacuum Pump 3A Support Class C
	Class C							

**Total F01.040 Items: 8**

**CATEGORY F-A, Supports**

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

Plan Report  
Page 61  
08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.001	3-03-SR3 Hyd Snubber Class C	03	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.406		File no. OSC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System.
F01.050.002	3-NPS-03-H28 Hyd Snubber Class C	03A	0-2478 OFD-121D-3.1	QAL-14	VT-3	NA	3.000 0.000		File No.= OSC-1224-18, Page No. 39.2; Problem No.= 3-03A-14; Aux Service Water Piping
F01.050.003	3-53-H3 Hyd Snubber Class A	53A	53-0-2478A OFD-102A-3.1	QAL-14	VT-3	NA	12.000 0.280		File No. OSC-1339 Page 82 Problem No. 3-56-03; Spent Fuel Cooling.
F01.050.004	3-56-H10 Hyd Snubber Class B	56	0-2478A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No. OSC-1339 Page No. 81 Problem No. 3-56-03 Spent Fuel Cooling.
F01.050.005	3-50-H12 Hyd Snubber Class A	50	0-2479A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.006	3-50-H1A Hyd Snubber Class A	50	0-2479A OFD-100A-3.2	QAL-14	VT-3	NA	10.000 0.000		Dwg. No.0-2491B-2A PZR Surge Line.
F01.050.007	3-50-H2A Hyd Snubber Class A	50	0-2479A OFD-100A-3.2	QAL-14	VT-3	NA	10.000 0.000		Dwg. No.0-2491B-2A PZR Surge Line
F01.050.008	3-50-H3A Hyd Snubber Class A	50	0-2479A OFD-100A-3.2	QAL-14	VT-3	NA	10.000 0.000		Dwg. No.0-2491B-2A PZR Surge Line

**CATEGORY F-A, Supports**

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

Plan Report  
Page 62  
08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.009	3-51A-H2A Hyd Snubber	51A	0-2479A OFD-101A-3.4	QAL-14	VT-3	NA	2.500 0.154		File No. OSC-1343 Vol.B of C Prob. No. 3-53-10 Page 59 H.P.I. East Coolant Loop.
Class A									
F01.050.010	3-03-H6B Hyd Snubber	03	0-2480A OFD-121B-3.3	QAL-14	VT-3	NA	20.000 0.000		File no. OSC-1335 Page 6(2)-71 Prob. No. 3-03-06 Main Feedwater System
Class B									
F01.050.011	3-03-H7A Hyd Snubber	03	0-2480A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.237		File no. OSC-1335 Page 6(1)-72 Prob. No. 3-03-07 Main Feedwater System
Class B									
F01.050.012	3-50-H10 Hyd Snubber	50	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
Class A									
F01.050.013	3-50-H11 Hyd Snubber	50	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
Class A									
F01.050.014	3-50-H8 Hyd Snubber	50	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
Class A									
F01.050.015	3-50-H9 Hyd Snubber	50	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
Class A									
F01.050.016	3-50-H1 Hyd Snubber	50	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
Class A									
F01.050.017	3-50-H3 Hyd Snubber	50	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.154		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
Class A									

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

**Spring Supports & Constant Load Supports**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.019	3-57-H15 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 1.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System.
Class C									
F01.050.020	3-57-H16 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									
F01.050.021	3-57-H17 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									
F01.050.022	3-57-H20 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									
F01.050.023	3-57-H21 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									
F01.050.024	3-57-H23 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									
F01.050.025	3-57-H25 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									
F01.050.026	3-57-H7 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	8.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									
F01.050.027	3-57-H9 Hyd Snubber	57	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	8.000 0.216		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									

**CATEGORY F-A, Supports**

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

Plan Report  
Page 64  
08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.028	3-01A-H2A Hyd Snubber Class B	01A	0-2481B OFD-122A-3.1 0-2490A-3(S)	QAL-14	VT-3	NA	26.000 0.322	26.000 0.322	File no. OSC-1334 Prob. No. 3-01-08 Main Steam System
F01.050.029	3-01A-H2B Hyd Snubber Class B	01A	0-2481B OFD-122A-3.1 0-2490A-2(S)	QAL-14	VT-3	NA	26.000 0.322	26.000 0.322	File no. OSC-1334 Prob. No. 3-01-07 Main Steam System
F01.050.030	3-01A-H8A Hyd Snubber Class B	01A	0-2481B OFD-122A-3.1 0-2490A-3(S)	QAL-14	VT-3	NA	26.000 0.322	26.000 0.322	File no. OSC-1334 Prob. No. 3-01-08 Main Steam System
F01.050.031	3-01A-H8B Hyd Snubber Class B	01A	0-2481B OFD-122A-3.1 0-2490A-2(S)	QAL-14	VT-3	NA	26.000 0.322	26.000 0.322	File no. OSC-1334 Prob. No. 3-01-07 Main Steam System
F01.050.032	3-03A-SR103PO Hyd Snubber Class C	03A	1-0-2400A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000	6.000 0.000	File No.= OSC-526, Page No. 41; Problem No.= 3-03A-09; Emergency Feedwater System
F01.050.033	3-03A-SR104PO Hyd Snubber Class C	03A	1-0-2400A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000	6.000 0.000	File No.= OSC-526, Page No. 41; Problem No.= 3-03A-09; Emergency Feedwater System
F01.050.034	3-03A-SR100PO Hyd Snubber Class C	03A	1-0-2401A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.203	6.000 0.203	File No. OS-519 Page No. 55 Problem No. 3-03A-06 Emergency Feedwater System
F01.050.035	3-03A-SR101PO Hyd Snubber Class C	03A	1-0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.000	6.000 0.000	File no. OSC-513 Page72 Prob. No. 3-03A-02 EmergencyFeedwater System
F01.050.036	3-03A-SR102PO Hyd Snubber Class C	03A	1-0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.000	6.000 0.000	File no. OSC-513 Page71 Prob. No. 3-03A-02 EmergencyFeedwater System

**CATEGORY F-A, Supports**

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

Plan Report  
 Page 65  
 08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

## Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.037	3-56-SR107 Hyd Snubber	56	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 92.2; Problem No.= 3-56-02; Spent Fuel Cooling
Class C									
F01.050.038	3-56-SR109 Hyd Snubber	56	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 92.2; Problem No.= 3-56-02; Spent Fuel Cooling
Class C									
F01.050.039	3-56-SR112 Hyd Snubber	56	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 92.2; Problem No.= 3-56-02; Spent Fuel Cooling
Class C									
F01.050.040	3-56-SR116 Hyd Snubber	56	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.237		File No OSC-563 Page No. 93.2 Problem No. 3-56-02 Spent Fuel Cooling
Class C									
F01.050.041	3-56-SR119 Hyd Snubber	56	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-563, Page No. 93.2; Problem No.= 3-56-02; Spent Fuel Cooling
Class C									
F01.050.042	3-51A-SR14 Hyd Snubber	51A	1-0-2444 OFD-101A-3.3	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-542 Prob. No. 3-51-05 Page 42 H.P.I. Pump Discharge
Class B									
F01.050.045	3-01A-R9 Hyd Snubber	01A	1-1-0-2401B OFD-122A-3.2	QAL-14	VT-3	NA	12.000 0.000		File no. OS-507 Sht 1of2 Prob. No. 3-01-09 Main Steam ByPass to Condenser
Class B									
F01.050.046	3-53B-SR22 Hyd Snubber	53B	2-0-2435B OFD-102A-3.1	QAL-14	VT-3	NA	14.000 0.000		File NO.= OS-549, Page 78; Problem No.= 3-53-01; L P Injection & Decay Heat Removal
Class B									
F01.050.047	3-54A-SR22 Hyd Snubber	54A	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-554, Page No. 47.1; Problem No.= 3-54-01; Reactor Bld Spray
Class B									

**CATEGORY F-A, Supports**

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

Plan Report  
Page 66  
08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.048	3-54A-SR7 Hyd Snubber	54A	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 1.000		File No. OSC-555 Page No. 42.1 Problem No. 3-54-02
Class B									
F01.050.049	3-54A-SR14 Hyd Snubber	54A	3-0-2439A OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-556, Page No. 64.1; Problem No.=3-54-03
Class B									
F01.050.050	3-01A-R4 Hyd Snubber	01A	3-803E245-2 OFD-122A-3.1	QAL-14	VT-3	NA	12.000 0.000		File no. OSC-511 Page50 Prob. No. 3-01-06 Main Steam System
Class B									
F01.050.051	3-01A-R8 Hyd Snubber	01A	4-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
Class C									
F01.050.053	3-01A-R11 Hyd Snubber	01A	4-2-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-510 Sht 2of3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
Class C									
F01.050.054	3-01A-R4 Hyd Snubber	01A	4-2-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-510 Sht 2of3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
Class C									
F01.050.055	3-53B-SR32 Hyd Snubber	53B	5-0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No.= OS-550, Page No. 57; Problem No.= 3-53-03; System 53B
Class B									
F01.050.056	3-53B-SR33 Hyd Snubber	53B	5-0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No.= OS-550, Page No. 57; Problem No.= 3-53-03; System 53B
Class B									
F01.050.057	3-53B-SR38 Hyd Snubber	53B	5-0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No. OS-550 Page No. 56 Problem No. 3-53-03; System 53B
Class B									

**CATEGORY F-A, Supports**

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

Plan Report  
Page 67  
08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.058	3-53B-SR39 Hyd Snubber	53B	5-0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No.= OS-550, Page No. 58; Problem No.= 3-53-03; System 53B
Class B									
F01.050.059	3-13-SR1 Hyd Snubber	13	7-0-2400A OFD-133A-3.2	QAL-14	VT-3	NA	12.000 0.000		File no. OSC-523 Page 40 Prob. No. 13-7 Condenser Circulating Water Emerg. Disch.
Class C									
F01.050.060	3-13-SR3 Hyd Snubber	13	7-0-2400A OFD-133A-3.2	QAL-14	VT-3	NA	24.000 0.000		File no OSC-523 Page 40 Prob. No. 13-7 Condenser Circulating Water Emerg. Disch.
Class C									
F01.050.061	3-13-SR4 Hyd Snubber	13	7-0-2400B OFD-133A-3.2	QAL-14	VT-3	NA	30.000 0.000		File no OSC-523 Page 40 Prob. No. 13-7 Condenser Circulating Water Emerg. Disch.
Class C									
F01.050.062	3-07A-DE027 Mech Snubber	07A	0-2400A OFD-121A-3.8	QAL-14	VT-3	NA	8.000 0.000		File No.= OS-522, Page No. 59.1; Problem No.= 3-07-03; System 07A
Class C									
F01.050.063	3-03-DE001 Mech Snubber	03	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.000		File no. OSC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
Class C									
F01.050.064	3-03-SR1 Mech Snubber	03	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.000		File no. OSC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
Class C									
F01.050.065	3-03-SR10 Mech Snubber	03	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.000		File no. OSC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
Class C									
F01.050.066	3-03-SR11 Mech Snubber	03	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.000		File no. OSC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
Class C									

**CATEGORY F-A, Supports**

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

Plan Report  
 Page 68  
 08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

## Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.067	3-03-SR2 Mech Snubber Class C	03	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.435		File no. OSC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
F01.050.068	3-03A-DE054 Mech Snubber Class C	03A	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-519 Page55 Prob. No. 3-03A-06 EmergencyFeedwater System
F01.050.070	3-03A-DE053 Mech Snubber Class C	03A	0-2402A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OS-519, Page No. 55; Problem No.= 3-03A-06; Emergency Feedwater System
F01.050.071	3-53B-DE013 Mech Snubber Class B	53B	0-2435B OFD-102A-3.1	QAL-14	VT-3	NA	14.000 0.000		File NO. OS-549 Page 78 Problem No. 3-53-01 L P Injection & Decay Heat Removal
F01.050.072	3-56-DE005 Mech Snubber Class C	56	0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 93.2; Problem No.= 3-56-02; Spent Fuel Cooling
F01.050.073	3-56-DE007 Mech Snubber Class C	56	0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 92.2; Problem No.= 3-56-02; Spent Fuel Cooling
F01.050.074	3-53B-DE008 Mech Snubber Class B	53B	0-2438B OFD-102A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OS-551, Page 60.2; Problem No.3-53-04; System 53
F01.050.075	3-56-DE008 Mech Snubber Class C	56	0-2438B OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 94.6; Problem No.= 3-56-02; Spent Fuel Cooling
F01.050.076	3-03-H6034 Mech Snubber Class C	03A	0-2480A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-1224-18, Page No. 38.2; Problem No.= 3-03A-14; Aux Service Water Piping

**CATEGORY F-A, Supports**

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

Plan Report  
 Page 69  
 08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.077	3-03-H6036 Mech Snubber	03A	0-2480A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-1224-18, Page No. 38.2; Problem No.= 3-03A-14; Aux Service Water Piping
Class C									
F01.050.078	3-03-H6038 Mech Snubber	03A	0-2480A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-1224-18, Page No. 40.2; Problem No.= 3-03A-14; Aux Service Water Piping
Class C									
F01.050.079	3-03-H6187 Mech Snubber	03A	0-2480A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-1224-18, Page No. 40.2; Problem No.= 3-03A-14; Aux Service Water Piping
Class C									
F01.050.080	3-57-NWIZ Mech Snubber	57	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	12.000 0.000		File No. OSC-1351-06 Problem No. 3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
Class C									
F01.050.081	3-50-H7 Mech Snubber	50	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.500		File No. OSC-1343-06 Vol. A of C Prob. No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
Class A									
F01.050.082	3-03A-H204 Mech Snubber	03A	1-0-2400A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-1209, Page No. 28; Problem No.= 3-03A-12; Emergency Feedwater System
Class C									
F01.050.083	3-03A-SR33 Mech Snubber	03A	1-0-2401A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No. OS-519 Page No. 55 Problem No. 3-03A-06 Emergency Feedwater System. Inspect with Item No. F01.032.010
Class C									
F01.050.084	3-51A-H308 Mech Snubber	51A	1-0-2439A OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 66 H.P.I. to Reactor Coolant Loops "A" & "B"
Class B									

**CATEGORY F-A, Supports**

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

Plan Report  
 Page 70  
 08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.085	3-51A-H309 Mech Snubber Class B	51A	1-0-2439A OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 66 H.P.I.to Reactor Coolant Loops "A" &"B"
F01.050.086	3-51A-H294 Mech Snubber Class B	51A	1-0-2439C OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-542 Prob. No. 3-51-05 Page 44.1 H.P.I.Crossover to Reactor Coolant Inj. Loops "A"&"B"
F01.050.087	3-51A-H304 Mech Snubber Class B	51A	1-0-2439C OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 66 H.P.I.to Reactor Coolant Loops "A" &"B"
F01.050.088	3-51A-H318 Mech Snubber Class B	51A	1-0-2444 OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 67 H.P.I.Crossover to Reactor Coolant Loops "A" &"B"
F01.050.089	3-01A-R13 Hyd Snubber Class B	01A	1-1-0-2401B OFD-122A-3.2	QAL-14	VT-3	NA	12.000 0.000		File no. OS-507 Sht 1of2 Prob. No. 3-01-09 Main Steam ByPass to Condenser
F01.050.090	3-53B-SR46 Mech Snubber Class B	53B	2-0-2435D OFD-101A-3.3	QAL-14	VT-3	NA	6.000 0.000		File No. OSC-539 Prob. No. 3-51-2 Page 145 H.P.I. Pumps 3A,3B,&3C Suction Header
F01.050.091	3-54A-R1000 Mech Snubber Class B	54A	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-555, Page No. 42.1; Problem No.= 3-54-02
F01.050.092	3-54A-R1001 Mech Snubber Class B	54A	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-554, Page No. 47.1; Problem No.= 3-54-01; Reactor Bld Spray
F01.050.093	3-54A-SR23 Mech Snubber Class B	54A	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.500		File No.= OSC-554, Page No. 47.1; Problem No.= 3-54-01; Reactor Bld Spray

**CATEGORY F-A, Supports**

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

Plan Report  
 Page 71  
 08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.094	3-51B-H62 Mech Snubber Class B	3-0-2436G 51B OFD-101A-3.2	QAL-14	VT-3	NA	4.000 1.062		File No. OSC-539 Prob. No. 3-51-2 Page 145 H.P.I. Pumps 3A,3B,&3C Suction Header
F01.050.095	3-54A-SR12 Mech Snubber Class B	3-0-2438A 54A OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.500		File No.= OSC-556, Page No. 65.1; Problem No.= 3-54-03
F01.050.096	3-01A-R10 Mech Snubber Class C	4-0-2403D 01A OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
F01.050.097	3-01A-R6 Mech Snubber Class C	4-0-2403D 01A OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
F01.050.098	3-01A-R9 Hyd Snubber Class C	4-0-2403D 01A OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
F01.050.099	3-01A-R3 Mech Snubber Class C	4-2-0-2403E 01A OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. OSC-510 Sht 2of3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
F01.050.100	3-07A-H70 Mech Snubber Class C	6-0-2400A 07A OFD-121A-3.8	QAL-14	VT-3	NA	20.000 0.000		File No.= OSC-1211, Page No. 27; Problem No.= 3-07-05; System 07A
F01.050.101	3-07A-H71 Mech Snubber Class C	6-0-2400A 07A OFD-121A-3.8	QAL-14	VT-3	NA	20.000 0.000		File No.= OSC-1211, Page No. 27; Problem No.= 3-07-05; System 07A
F01.050.102	3-07A-H72 Mech Snubber Class C	6-0-2400A 07A OFD-121A-3.8	QAL-14	VT-3	NA	24.000 0.000		File No.= OSC-1211, Page No. 28; Problem No.= 3-07-05; System 07A

**CATEGORY F-A, Supports**

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

Plan Report  
Page 72  
08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.103	3-07A-H74 Mech Snubber	07A	6-0-2400A OFD-121A-3.8	QAL-14	VT-3	NA	20.000 0.000		File No.= OSC-1211, Page No. 28; Problem No.= 3-07-05; System 07A
Class C									
F01.050.104	3-07A-DE031 Mech Snubber	07A	6-0-2402A OFD-121A-3.7	QAL-14	VT-3	NA	24.000 0.000		File no. OSC-521 Page 120 Prob. No. 3-07A-01 Condensate System
Class C									
F01.050.105	3-13-DE002 Mech Snubber	13	7-0-2400B OFD-133A-3.2	QAL-14	VT-3	NA	30.000 0.000		File No. OSC-523 Page 40 Prob. No. 13-7 Condenser Circulating Water Emerg. Disch.
Class C									
F01.050.106	3-53B-SR31 Mech Snubber	53B	7-0-2436C OFD-102A-3.1	QAL-14	VT-3	NA	14.000 0.000		File No.= OS-539, Page 143; Problem No.3-51-2;
Class B									
F01.050.107	3-50-RCPM-3A1-SS1 Hyd Snubber	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcuton No. OSC-1011-01-0001, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-096-1575.
Class A									
F01.050.108	3-50-RCPM-3A1-SS2 Hyd Snubber	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcuton No. OSC-1011-01-0001, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-096-1575. Inspect with F01.012.008.
Class A									
F01.050.109	3-50-RCPM-3A1-SS3 Hyd Snubber	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcuton No. OSC-1011-01-0001, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-096-1575. Inspect with F01.012.009.
Class A									
F01.050.110	3-50-RCPM-3A2-SS1 Hyd Snubber	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcuton No. OSC-0991, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-096-1575.
Class A									
F01.050.111	3-50-RCPM-3A2-SS2 Hyd Snubber	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcuton No. OSC-0991, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-096-1575.
Class A									

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

Plan Report  
Page 73  
08/18/2003

**Spring Supports & Constant Load Supports**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.112	3-50-RCPM-3A2-SS3 Hyd Snubber Class A	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcalton No. OSC-1011-01-0002, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575. Inspect with F01.012.010.
F01.050.113	3-50-RCPM-3B1-SS1 Hyd Snubber Class A	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcalton No. OSC-1011-01-0003, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575. Inspect with F01.012.011.
F01.050.114	3-50-RCPM-3B1-SS2 Hyd Snubber Class A	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcalton No. OSC-1011-01-0003, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575.
F01.050.115	3-50-RCPM-3B1-SS3 Hyd Snubber Class A	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcalton No. OSC-0991, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575.
F01.050.116	3-50-RCPM-3B2-SS1 Hyd Snubber Class A	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcalton No. OSC-1011-01-0004, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575.
F01.050.117	3-50-RCPM-3B2-SS2 Hyd Snubber Class A	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcalton No. OSC-1011-01-0004, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575. Inspect with F01.012.012.
F01.050.118	3-50-RCPM-3B2-SS3 Hyd Snubber Class A	50	0-1066A OFD-100A-3.1 OFD-100A-3.3	QAL-14	VT-3	NA	6.000 0.000		Calcalton No. OSC-1011-01-0004, Reactor Coolant Pump Motor Snubbers. Reference PIP 0-O96-1575.
F01.050.119	3-01A-R6 Hyd Snubber Class B	01A	0-2401B OFD-122A-3.1	QAL-14	VT-3	CS	36.000 0.000		Struc. calc # OSC-1000; Prob. # OS 506/3-01A; Data point 100
F01.050.120	3-01A-R7 Hyd Snubber Class B	01A	0-2441 OFD-122A-3.1	QAL-14	VT-3	CS	36.000 0.000		Struc. calc # OSC-1000-01-0018; Prob. # 3-01-01; Analysis Problem Calc OSC-506; Data point 6



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

Plan Report  
Page 75  
08/18/2003

**Pressurizer Sensing/Sampling Nozzle Safe Ends**

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G08.001.001	3PZR-WP63-1		ISI-OCN3-002	NDE-35	PT	CS-Inconel	1.000		Pressurizer Sensing and Sampling Nozzles; W-X Quad.
Class A	Circumferential	50					1.185	Sensing Nozzle to Safe- end	
	Dissimilar								
G08.001.002	3PZR-WP63-2		ISI-OCN3-002	NDE-35	PT	CS-Inconel	1.000		Pressurizer Sensing and Sampling Nozzles; Y-Z Quad.
Class A	Circumferential	50					1.185	Sensing Nozzle to Safe- end	
	Dissimilar								
G08.001.003	3PZR-WP63-3		ISI-OCN3-002	NDE-35	PT	CS-Inconel	1.000		Pressurizer Sensing and Sampling Nozzles; Z-W Quad.
Class A	Circumferential	50					1.185	Sensing Nozzle to Safe- end	
	Dissimilar								
G08.001.004	3PZR-WP63-4		ISI-OCN3-002	NDE-35	PT	CS-Inconel	1.000		Pressurizer Sensing and Sampling Nozzles; W-X Quad.
Class A	Circumferential	50					1.185	Sensing Nozzle to Safe- end	
	Dissimilar								
G08.001.005	3PZR-WP63-5		ISI-OCN3-002	NDE-35	PT	CS-Inconel	1.000		Pressurizer Sensing and Sampling Nozzles; Y-Z Quad.
Class A	Circumferential	50					1.185	Sensing Nozzle to Safe- end	
	Dissimilar								
G08.001.006	3PZR-WP63-6		ISI-OCN3-002	NDE-35	PT	CS-Inconel	1.000		Pressurizer Sensing and Sampling Nozzles; Z-W Quad.
Class A	Circumferential	50					1.185	Sensing Nozzle to Safe- end	
	Dissimilar								
G08.001.007	3PZR-WP63-7		ISI-OCN3-002	NDE-35	PT	CS-Inconel	1.000		Pressurizer Sensing and Sampling Nozzles; Z-W Quad.
Class A	Circumferential	50					1.185	Sensing Nozzle to Safe- end	
	Dissimilar								
<b>Total G08.001 Items:</b>		<b>7</b>							
<b>Total G08 Items:</b>		<b>7</b>							

**CATEGORY AUG, Augmented Inspections**

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

Plan Report  
Page 76  
08/18/2003

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

Oconee 3

Inservice Inspection Plan for Interval 3 Outage 6

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.008	3-53B-37-1 Circumferential Class B Term end		3-53B-37 53B OFD-102A-3.2	NDE-35	PT	SS	8.000 0.250		Flange to Reducer
G09.001.009	3LP-181-29 Circumferential Class B		3LP-181 53B OFD-102A-3.2	NDE-35	PT	SS	10.000 0.250		This weld was listed previously as 3-53B-37-29 on iso 3-53B-37 until it was transferred to iso 3LP-181. Pipe to Tee
G09.001.010	3-53B-37-35 Circumferential Class B		3-53B-37 53B OFD-102A-3.2	NDE-35	PT	SS	10.000 0.250		Pipe to Elbow
G09.001.013	3-53B-44-14 Circumferential Class B		3-53B-44 53B OFD-102A-3.1	NDE-35	PT	SS	12.000 0.180		Elbow to Pipe
G09.001.019	3-53B-50-8 Circumferential Class B		3-53B-50 53B OFD-102A-3.2	NDE-35	PT	SS	10.000 0.250		Tee to Valve 3LP-13
G09.001.020	3-53B-51-19 Circumferential Class B		3-53B-51 53B OFD-102A-3.2	NDE-35	PT	SS	10.000 0.250		Pipe to Elbow
G09.001.025	3-54A-11-17 Circumferential Class B		3-54A-11 54A OFD-103A-3.1	NDE-35	PT	SS	8.000 0.250		Pipe to Elbow
G09.001.027	3-54A-11-5 Circumferential Class B		3-54A-11 54A OFD-103A-3.1	NDE-35	PT	SS	8.000 0.250		Pipe to Elbow

**CATEGORY AUG, Augmented Inspections**

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

**Plan Report  
Page 77  
08/18/2003**

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

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

ITEM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS
G09.001.030	3-54A-9-32	3-54A-9	NDE-35	PT	SS	8.000		
	Circumferential	54A OFD-103A-3.1				0.250		
	Class B			Pipe to Elbow				
G09.001.032	3SF-118-57	3SF-118	NDE-35	PT	SS	8.000		This weld was listed previously as 3-56-14-57 on iso 3-56-14 until it was transferred to iso 3SF-118.
	Circumferential	56 OFD-104A-3.1				0.148		
	Class B			Pipe to Elbow				
G09.001.034	3-51B-30-5	3-51B-30	NDE-35	PT	SS	6.000		
	Circumferential	51B OFD-101A-3.2				0.134		
	Class B			Pipe to Elbow				
<b>Total G09.001 Items:</b>		<b>11</b>						
<b>Total G09 Items:</b>		<b>11</b>						

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

Plan Report

Page 78

08/18/2003

**Class 1 RTE Mounting Bosses**

Oconee 3

**Inservice Inspection Plan for Interval 3 Outage 6**

<u>ITEM NUMBER</u>	<u>ID NUMBER</u>	<u>SYS</u>	<u>ISO/DWG NUMBERS</u>	<u>PROC</u>	<u>INSP REQ</u>	<u>MAT/SCH</u>	<u>DIA/THK</u>	<u>CAL BLOCKS</u>	<u>COMMENTS</u>
G10.001.008	3-PIA2-9		ISI-OCN3-008	NDE-35	PT	CS-Inconel	8.750		Reference Section 7 Paragraph 7.1.10 of the ISI Plan - Volume1 The diameter of hole that penetrates through the nozzle into the hot leg = .613
	Branch	50	OFD-100A-3.1				2.250		
	Class A Dissimilar				Pipe to Nozzle RTE Nozzle				
G10.001.009	3-PIB1-11		ISI-OCN3-009	NDE-35	PT	CS-Inconel	8.750		Reference Section 7 Paragraph 7.1.10 of the ISI Plan - Volume1 The diameter of hole that penetrates through the nozzle into the hot leg = .613
	Branch	50	OFD-100A-3.1				2.250		
	Class A Dissimilar				Pipe to RTE Nozzle				
<b>Total G10.001 Items:</b>		<b>2</b>							
<b>Total G10 Items:</b>		<b>2</b>							



**CATEGORY AUG, Augmented Inspections**

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

Plan Report  
Page 80  
08/18/2003

**HPI System Upgrade**

Oconee 3

## Inservice Inspection Plan for Interval 3 Outage 6

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

G12.001.005	3-51B-31-25		3-51B-31	NDE-35	PT	SS		4.000	
	Circumferential		51B OFD-101A-3.2					0.120	
	Class B								Tee to Reducing Elbow

G12.001.011	3-51B-41-31		3-51B-41	NDE-35	PT	SS		4.000	
	Circumferential		51B OFD-101A-3.1					0.120	
	Class B								Pipe to Valve 3HP-72

G12.001.016	3-51B-57-24A		3-51B-57	NDE-35	PT	SS		2.000	
	Circumferential		51B OFD-101A-3.1					0.154	
	Class B								Pipe to Reducer

<b>Total G12.001 Items:</b>	<b>3</b>
-----------------------------	----------

<b>Total G12 Items:</b>	<b>3</b>
-------------------------	----------

#### **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)	=	<u>Y</u> Yes <u>N</u> No
RFR (Relief Request)	=	<u>Y</u> Yes <u>N</u> No
Comments	=	General and/or Detail Description

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 1  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B02.011.002	3-PZR-WP28	50	05/12/2003	CLR	97.05%	N	Y	Limited Scan Relief Request # 03-005
B02.012.002	3-PZR-WP7-1	50	05/12/2003	CLR	97.50%	N	Y	Limited Scan Relief Request # 03-005
B02.040.001	3-SGA-WG58-1	50	05/22/2003	CLR	93.60%	N	Y	Limited Scan Relief Request # 03-005
B05.140.002	3-50-21-1	50	05/07/2003	CLR	---	N	N	
B05.140.003	3-50-21-23	50	05/07/2003	CLR	---	N	N	
B06.010.001	3RPV-26-209-1	50	05/12/2003	CLR	---	N	N	
B06.010.002	3RPV-26-209-02	50	05/12/2003	CLR	---	N	N	
B06.010.003	3RPV-26-209-03	50	05/12/2003	CLR	---	N	N	
B06.010.004	3RPV-26-209-04	50	05/12/2003	CLR	---	N	N	
B06.010.005	3RPV-26-209-05	50	05/12/2003	CLR	---	N	N	
B06.010.006	3RPV-26-209-06	50	05/12/2003	CLR	---	N	N	
B06.010.007	3RPV-26-209-07	50	05/12/2003	CLR	---	N	N	
B06.010.008	3RPV-26-209-08	50	05/12/2003	CLR	---	N	N	
B06.010.009	3RPV-26-209-09	50	05/12/2003	CLR	---	N	N	
B06.010.025	3RPV-26-209-61	50	05/13/2003	CLR	---	N	N	
B06.010.026	3RPV-26-209-26	50	05/13/2003	CLR	---	N	N	
B06.010.027	3RPV-26-209-27	50	05/13/2003	CLR	---	N	N	
B06.010.028	3RPV-26-209-28	50	05/13/2003	CLR	---	N	N	
B06.010.029	3RPV-26-209-29	50	05/13/2003	CLR	---	N	N	
B06.010.030	3RPV-26-209-30	50	05/13/2003	CLR	---	N	N	
B06.010.031	3RPV-26-209-31	50	05/13/2003	CLR	---	N	N	
B06.010.032	3RPV-26-209-32	50	05/13/2003	CLR	---	N	N	
B06.010.033	3RPV-26-209-33	50	05/13/2003	CLR	---	N	N	
B06.010.034	3RPV-26-209-67	50	05/13/2003	CLR	---	N	N	
B06.010.035	3RPV-26-209-35	50	05/13/2003	CLR	---	N	N	
B06.010.051	3RPV-26-209-51	50	05/14/2003	CLR	---	N	N	
B06.010.052	3RPV-26-209-52	50	05/14/2003	CLR	---	N	N	
B06.010.053	3RPV-26-209-53	50	05/14/2003	CLR	---	N	N	
B06.010.054	3RPV-26-209-54	50	05/14/2003	CLR	---	N	N	
B06.010.055	3RPV-26-209-55	50	05/14/2003	CLR	---	N	N	
B06.010.056	3RPV-26-209-56	50	05/14/2003	CLR	---	N	N	
B06.010.057	3RPV-26-209-57	50	05/14/2003	CLR	---	N	N	
B06.010.058	3RPV-26-209-58	50	05/14/2003	CLR	---	N	N	
B06.010.059	3RPV-26-209-59	50	05/14/2003	CLR	---	N	N	
B06.010.060	3RPV-26-209-60	50	05/12/2003	CLR	---	N	N	
B06.030.001	3RPV-25-209-01	50	05/12/2003	CLR	---	N	N	

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

EOC 20  
 Plant: Oconee 3

Run D  
 Page 2  
 08/18/2003

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B06.030.001A	3RPV-25-209-01	50	05/12/2003	CLR	---	N	N	
B06.030.002	3RPV-25-209-02	50	05/12/2003	CLR	---	N	N	
B06.030.002A	3RPV-25-209-02	50	05/12/2003	CLR	---	N	N	
B06.030.003	3RPV-25-209-03	50	05/12/2003	CLR	---	N	N	
B06.030.003A	3RPV-25-209-03	50	05/12/2003	CLR	---	N	N	
B06.030.004	3RPV-25-209-04	50	05/12/2003	CLR	---	N	N	
B06.030.004A	3RPV-25-209-04	50	05/12/2003	CLR	---	N	N	
B06.030.005	3RPV-25-209-05	50	05/12/2003	CLR	---	N	N	
B06.030.005A	3RPV-25-209-05	50	05/12/2003	CLR	---	N	N	
B06.030.006	3RPV-25-209-06	50	05/12/2003	CLR	---	N	N	
B06.030.006A	3RPV-25-209-06	50	05/12/2003	CLR	---	N	N	
B06.030.007	3RPV-25-209-07	50	05/12/2003	CLR	---	N	N	
B06.030.007A	3RPV-25-209-07	50	05/12/2003	CLR	---	N	N	
B06.030.008	3RPV-25-209-08	50	05/12/2003	CLR	---	N	N	
B06.030.008A	3RPV-25-209-08	50	05/12/2003	CLR	---	N	N	
B06.030.009	3RPV-25-209-09	50	05/12/2003	CLR	---	N	N	
B06.030.009A	3RPV-25-209-09	50	05/12/2003	CLR	---	N	N	
B06.030.025	3RPV-25-209-61	50	05/08/2003	CLR	---	N	N	
B06.030.025A	3RPV-25-209-61	50	05/08/2003	CLR	---	N	N	
B06.030.026	3RPV-25-209-26	50	05/08/2003	CLR	---	N	N	
B06.030.026A	3RPV-25-209-26	50	05/08/2003	CLR	---	N	N	
B06.030.027	3RPV-25-209-27	50	05/08/2003	CLR	---	N	N	
B06.030.027A	3RPV-25-209-27	50	05/08/2003	CLR	---	N	N	
B06.030.028	3RPV-25-209-28	50	05/08/2003	CLR	---	N	N	
B06.030.028A	3RPV-25-209-28	50	05/08/2003	CLR	---	N	N	
B06.030.029	3RPV-25-209-29	50	05/08/2003	CLR	---	N	N	
B06.030.029A	3RPV-25-209-29	50	05/08/2003	CLR	---	N	N	
B06.030.030	3RPV-25-209-30	50	05/08/2003	CLR	---	N	N	
B06.030.030A	3RPV-25-209-30	50	05/08/2003	CLR	---	N	N	
B06.030.031	3RPV-25-209-31	50	05/08/2003	CLR	---	N	N	
B06.030.031A	3RPV-25-209-31	50	05/08/2003	CLR	---	N	N	
B06.030.032	3RPV-25-209-32	50	05/08/2003	CLR	---	N	N	
B06.030.032A	3RPV-25-209-32	50	05/08/2003	CLR	---	N	N	
B06.030.033	3RPV-25-209-33	50	05/08/2003	CLR	---	N	N	
B06.030.033A	3RPV-25-209-33	50	05/08/2003	CLR	---	N	N	
B06.030.034	3RPV-25-209-67	50	05/08/2003	CLR	---	N	N	

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 3  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B06.030.034A	3RPV-25-209-67	50	05/08/2003	CLR	---	N	N	
B06.030.035	3RPV-25-209-35	50	05/08/2003	CLR	---	N	N	
B06.030.035A	3RPV-25-209-35	50	05/08/2003	CLR	---	N	N	
B06.030.051	3RPV-25-209-51	50	05/14/2003	CLR	---	N	N	
B06.030.051A	3RPV-25-209-51	50	05/14/2003	CLR	---	N	N	
B06.030.052	3RPV-25-209-52	50	05/14/2003	CLR	---	N	N	
B06.030.052A	3RPV-25-209-52	50	05/14/2003	CLR	---	N	N	
B06.030.053	3RPV-25-209-53	50	05/14/2003	CLR	---	N	N	
B06.030.053A	3RPV-25-209-53	50	05/14/2003	CLR	---	N	N	
B06.030.054	3RPV-25-209-54	50	05/14/2003	CLR	---	N	N	
B06.030.054A	3RPV-25-209-54	50	05/14/2003	CLR	---	N	N	
B06.030.055	3RPV-25-209-55	50	05/14/2003	CLR	---	N	N	
B06.030.055A	3RPV-25-209-55	50	05/14/2003	CLR	---	N	N	
B06.030.056	3RPV-25-209-56	50	05/14/2003	CLR	---	N	N	
B06.030.056A	3RPV-25-209-56	50	05/14/2003	CLR	---	N	N	
B06.030.057	3RPV-25-209-57	50	05/14/2003	CLR	---	N	N	
B06.030.057A	3RPV-25-209-57	50	05/14/2003	CLR	---	N	N	
B06.030.058	3RPV-25-209-58	50	05/14/2003	CLR	---	N	N	
B06.030.058A	3RPV-25-209-58	50	05/14/2003	CLR	---	N	N	
B06.030.059	3RPV-25-209-59	50	05/14/2003	CLR	---	N	N	
B06.030.059A	3RPV-25-209-59	50	05/14/2003	CLR	---	N	N	
B06.030.060	3RPV-25-209-60	50	05/12/2003	CLR	---	N	N	
B06.030.060A	3RPV-25-209-60	50	05/12/2003	CLR	---	N	N	
B06.050.001	3RPV-WASH-BUSH	50	05/16/2003	CLR	---	N	N	Washers and Bushings for 25 thru 35 by JWH on 5-8-03. Washers and Bushings for 51 thru 59 by JWH on 5-14-03. Washers and Bushings for 1 thru 9 and 60 by JGR on 5-16-03.
B07.030.002	3SGA-LMW-BOLTS	50	05/08/2003	CLR	---	N	N	
B07.030.003	3SGB-UMW-BOLTS	50	05/12/2003	CLR	---	N	N	
B07.030.007	3SGB-UHIC-BOLTS	50	05/12/2003	CLR	---	N	N	
B07.030.008	3SGB-LHIC-BOLTS	50	05/27/2003	REC	---	N	N	Discrepancies that were found were reviewed by steam generator maintenance engineer and the bolting for the steam generator lower head inspection cover was found to be acceptable for service through another fuel cycle.
B07.070.003	3-53A-CF13	53A	05/12/2003	CLR	---	N	N	
B07.070.007	3-53A-LP1	53A	04/27/2003	CLR	---	N	N	
B07.070.019	3-51A-HP188	51A	05/01/2003	CLR	---	N	N	
B07.080.001	3-RPV-CRD-BOLTS	50	05/15/2003	CLR	---	N	N	Inspected bolts on CRD housing # 34

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 4  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B07.080.002	3-RPV-CRD-RINGS	50	05/15/2003	CLR	---	N	N	Inspected Housing Rings on CRD # 34.
B09.011.014	3-PIB2-1	50	05/15/2003	CLR	---	N	N	
B09.011.014A	3-PIB2-1	50	05/15/2003	CLR	---	N	N	
B09.011.023	3-PDB2-1	50	05/07/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005
B09.011.023A	3-PDB2-1	50	05/08/2003	REC	---	N	N	The indications recorded were acceptable . There was a .20 inch rounded indication and a .10 inch linear indication found.
B09.011.027	3-PSL-3	50	05/15/2003	CLR	---	N	N	
B09.011.027A	3-PSL-3	50	05/15/2003	CLR	---	N	N	
B09.011.030	3-PSL-6	50	05/15/2003	CLR	---	N	N	
B09.011.030A	3-PSL-6	50	05/15/2003	CLR	---	N	N	
B09.011.036	3HP-241-9	51A	05/12/2003	CLR	---	N	N	
B09.011.036A	3HP-241-9	51A	05/09/2003	CLR	---	N	N	
B09.011.050	3-53A-17-8	53A	05/14/2003	CLR	92.90%	N	Y	Limited Scan Relief Request # 03-005
B09.011.050A	3-53A-17-8	53A	05/14/2003	CLR	---	N	N	
B09.011.051	3LP-131-2	53A	05/16/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005
B09.011.051A	3LP-131-2	53A	05/16/2003	CLR	---	N	N	
B09.021.002	3-50-20-11	50	05/09/2003	CLR	---	N	N	
B09.021.013	3-PSP-25	50	05/15/2003	CLR	---	N	N	
B09.021.015	3-PSP-5	50	05/15/2003	CLR	---	N	N	
B09.021.017	3-PSP-7	50	05/15/2003	CLR	---	N	N	
B09.021.026	3-51A-61-17	51A	05/09/2003	CLR	---	N	N	
B09.021.027	3HP-242-23	51A	05/17/2003	CLR	---	N	N	
B09.021.053	3-51A-69-35	51A	05/16/2003	CLR	---	N	N	
B09.021.054	3-51A-69-43	51A	05/16/2003	CLR	---	N	N	
B09.021.055	3-51A-69-46	51A	05/16/2003	CLR	---	N	N	
B09.021.056	3-51A-69-50	51A	05/16/2003	CLR	---	N	N	
B09.021.063	3HP-240-8	51A	05/17/2003	CLR	---	N	N	
B09.021.065	3LP-130-12	53A	05/17/2003	CLR	---	N	N	
B09.032.003	3-PIB2-10	50	05/18/2003	CLR	---	N	N	
B09.040.004	3-50-152-3	50	05/07/2003	CLR	---	N	N	
B09.040.005	3-50-152-5	50	05/07/2003	CLR	---	N	N	
B09.040.012	3-50-20-32	50	05/09/2003	CLR	---	N	N	
B09.040.013	3-50-21-71	50	05/09/2003	CLR	---	N	N	
C01.010.001	3-SGA-WG8-1		05/06/2003	REC	78.56%	N	Y	Indications # 1-60° and # 2-60° were reported during inspection in August of 1992. The indications have not shown any growth from previous inspections

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 5  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
C01.010.002	3-SGA-WG8-2		05/06/2003	REC	78.56%	N	Y	Relief Request # 97-01 Indications # 1-60° was reported during inspection in August of 1992. The indication has not shown any growth from previous inspections.
C02.031.002	3-LPCB-INLET	53A	01/23/2003	CLR	---	N	N	Relief Request # 97-01
C02.031.003	3-LPCB-OUTLET	53A	01/23/2003	CLR	---	N	N	
C03.010.005	3SGB-WG84-XY	03	05/10/2003	CLR	---	N	N	
C03.010.006	3SGB-WG84-YX	03	05/10/2003	CLR	---	N	N	
C03.020.002	3-01A-H1A	01A	05/22/2003	CLR	---	N	N	
C03.020.004	3-01A-H4A	01A	05/15/2003	CLR	---	N	N	
C03.020.006	3-01A-H5A	01A	05/10/2003	CLR	---	N	N	
C03.020.007	3-01A-H5B	01A	05/08/2003	CLR	---	N	N	
C03.020.018	3-14B-H20D	14B	05/15/2003	CLR	---	N	N	
C03.020.019	3-14B-H22A	14B	05/17/2003	CLR	---	N	N	
C03.020.020	3-14B-H22D	14B	05/17/2003	CLR	---	N	N	
C03.020.028	3-53B-R2	53B	01/16/2003	CLR	---	N	N	
C03.020.031	3-54A-H25	54A	01/14/2003	CLR	---	N	N	
C03.020.032	3-54A-H35	54A	01/27/2003	CLR	---	N	N	
C03.020.033	3-54A-H39	54A	01/16/2003	CLR	---	N	N	
C03.020.043	3SGB-WG87-XY	03	05/10/2003	CLR	---	N	N	
C03.020.044	3SGB-WG87-YX	03	05/10/2003	CLR	---	N	N	
C05.011.001	3LP-134-64	53A	05/09/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005
C05.011.001A	3LP-134-64	53A	05/09/2003	CLR	---	N	N	
C05.011.005	3-53A-17-17	53A	05/14/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005
C05.011.005A	3-53A-17-17	53A	05/14/2003	REC	---	N	N	A .15 inch X .20 inch rounded indication was found during inspection of this weld. It was acceptable per Acceptance Standard F, figure F2.
C05.021.003	3-51A-101-8	51A	05/14/2003	CLR	---	N	N	
C05.021.003A	3-51A-101-8	51A	05/13/2003	CLR	---	N	N	
C05.021.004	3-51A-101-9	51A	05/14/2003	CLR	---	N	N	
C05.021.004A	3-51A-101-9	51A	05/13/2003	CLR	---	N	N	
C05.021.005	3-51A-118-1	51A	05/19/2003	REC	---	Y	N	Indication # 1-60 is a geometric reflector due to weld root configuration. This was verified using a 70° wedge on the 60° cal., WSY-70 and review of RT film.
C05.021.005A	3-51A-118-1	51A	05/17/2003	CLR	---	N	N	
C05.021.008	3-51A-118-21	51A	05/19/2003	CLR	---	N	N	

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 6  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
C05.021.008A	3-51A-118-21	51A	05/18/2003	CLR	---	N	N	
C05.021.016	3-51A-120-10	51A	01/14/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005
C05.021.016A	3-51A-120-10	51A	01/14/2003	CLR	---	N	N	
C05.021.021	3-51A-121-22	51A	01/13/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005
C05.021.021A	3-51A-121-22	51A	01/13/2003	CLR	---	N	N	
C05.021.025	3-51A-140-19	51A	05/20/2003	CLR	---	N	N	
C05.021.025A	3-51A-140-19	51A	05/16/2003	CLR	---	N	N	
C05.021.035	3-51A-52-20	51A	01/20/2003	CLR	96.00%	N	Y	Limited Scan Relief Request # 03-005
C05.021.035A	3-51A-52-20	51A	01/20/2003	CLR	---	N	N	
C05.021.044	3-51A-119-41	51A	01/14/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005
C05.021.044A	3-51A-119-41	51A	01/14/2003	CLR	---	N	N	
C05.021.046	3-51A-59-40	51A	01/15/2003	CLR	---	N	N	
C05.021.046A	3-51A-59-40	51A	01/15/2003	CLR	---	N	N	
C05.021.056	3-51A-75-34	51A	01/15/2003	REC	---	Y	Y	Indication # 1 is a 360° intermittent reflector due to ID counterbore. .200 from the weld centerline on the valve side of the weld. Condition confirmed by review of RT film. Limited Scan Relief Request # 03-005
C05.021.056A	3-51A-75-34	51A	01/15/2003	CLR	---	N	N	
C05.021.057	3-51A-77-13	51A	01/15/2003	CLR	---	N	N	
C05.021.057A	3-51A-77-13	51A	01/15/2003	CLR	---	N	N	
C05.021.066	3-51A-87-8	51A	05/12/2003	CLR	80.09%	N	Y	Limited Scan and Coverage Relief Request # 03-005
C05.021.066A	3-51A-87-8	51A	05/01/2003	CLR	---	N	N	
C05.021.067	3-51A-87-9	51A	05/12/2003	REC	93.80%	Y	Y	Indication # 1 is a geometrical indication from the weld root. Signal would not hold up to skew. 70° produced less than 50% amplitude. Plotting and review of past radiographs supports this determination. Limited Scan Relief Request # 03-005
C05.021.067A	3-51A-87-9	51A	05/01/2003	CLR	---	N	N	
C05.021.075	3-51A-118-4	51A	05/19/2003	CLR	---	N	N	
C05.021.075A	3-51A-118-4	51A	05/17/2003	CLR	---	N	N	
C05.021.080	3-51A-140-26	51A	05/20/2003	CLR	---	N	N	
C05.021.080A	3-51A-140-26	51A	05/16/2003	CLR	---	N	N	
C05.021.085	3-51A-52-26	51A	01/20/2003	CLR	---	N	N	
C05.021.085A	3-51A-52-26	51A	01/20/2003	CLR	---	N	N	
C05.021.090	3-51A-59-42	51A	01/15/2003	CLR	91.60%	N	Y	Limited Scan Relief Request # 03-005
C05.021.090A	3-51A-59-42	51A	01/15/2003	CLR	---	N	N	
C05.021.095	3-51A-87-16	51A	05/12/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 7  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
C05.021.095A	3-51A-87-16	51A	05/01/2003	CLR	---	N	N	
C05.021.109	3-51A-66-12	51A	01/13/2003	CLR	---	N	N	
C05.021.109A	3-51A-66-12	51A	01/13/2003	CLR	---	N	N	
C05.021.110	3-51A-66-25	51A	01/13/2003	CLR	92.80%	N	Y	Limited Scan Relief Request # 03-005
C05.021.110A	3-51A-66-25	51A	01/13/2003	CLR	---	N	N	
C05.021.111	3HP-365-37	51A	01/13/2003	CLR	---	N	N	
C05.021.111A	3HP-365-37	51A	01/13/2003	CLR	---	N	N	
C05.021.112	3HP-343-4	51A	05/12/2003	CLR	---	N	N	
C05.021.112A	3HP-343-4	51A	05/09/2003	CLR	---	N	N	
C05.021.113	3-51A-86-8	51A	01/22/2003	CLR	---	N	N	
C05.021.113A	3-51A-86-8	51A	01/21/2003	CLR	---	N	N	
C05.021.114	3-51A-86-14	51A	01/22/2003	CLR	---	N	N	
C05.021.114A	3-51A-86-14	51A	01/22/2003	CLR	---	N	N	
C05.021.115	3-51A-86-15C	51A	01/22/2003	CLR	---	N	N	
C05.021.115A	3-51A-86-15C	51A	01/22/2003	CLR	---	N	N	
C05.021.116	3-51A-86-22	51A	01/21/2003	CLR	---	N	N	
C05.021.116A	3-51A-86-22	51A	01/21/2003	CLR	---	N	N	
C05.021.117	3-51A-86-3	51A	01/22/2003	CLR	---	N	N	
C05.021.117A	3-51A-86-3	51A	01/21/2003	CLR	---	N	N	
C05.021.118	3-51A-86-7	51A	01/22/2003	CLR	---	N	N	
C05.021.118A	3-51A-86-7	51A	01/21/2003	CLR	---	N	N	
C05.030.003	3-51B-30-12	51B	05/13/2003	CLR	---	N	N	
C05.030.006	3-51B-59-22A	51B	01/16/2003	CLR	---	N	N	
C05.041.002	3-51B-30-11	51B	05/13/2003	CLR	---	N	N	
C05.051.006	3MS-122-1	01A	05/13/2003	REC	---	Y	N	Indication # 1-60° and # 3-60° are geometric reflectors from the weld to backing ring interface. Indication # 2-60° and # 4-60° are geometric reflectors from the outside corner of the backing ring. This was confirmed using a 70° wedge on the 60° calibration plus a BI-Modal transducer. The weld ticket confirms that a backing ring was used.
C05.051.006A	3MS-122-1	01A	05/12/2003	CLR	---	N	N	
C05.051.009	3MS-1B-A	01A	05/13/2003	REC	---	Y	N	Indication # 1 and # 3 are geometrical reflectors from the corner of the backing ring. Indication # 2 is geometrical reflector from tie-in of weld to backing ring. Plotting of indications and review of radiographs support this determination.
C05.051.009A	3MS-1B-A	01A	05/10/2003	CLR	---	N	N	
C05.051.017	3FWD-83-F	03	05/19/2003	REC	---	Y	N	Indications #1, #2, and #3 are geometrical reflectors (360° from

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 8  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
								the backing ring. 70° produced less than 50% and signals did not hold up to skewing. WSY-70 did not indicate a flaw being present. Plotting of indications support this determination.
C05.051.017A	3FWD-83-F	03	05/17/2003	CLR	---	N	N	
C05.051.019	3-03-29-WG91-D	03	05/19/2003	REC	---	N	N	Indication #1-60° is a separate indication on the ID surface 1.8 inches long with a through wall of 0.07 inch. This is acceptable per IWB-3514.
C05.051.019A	3-03-29-WG91-D	03	05/16/2003	CLR	---	N	N	
C05.051.020	3-03-30-WG91-C	03	05/10/2003	CLR	---	N	Y	Limited Scan Relief Request # 03-005
C05.051.020A	3-03-30-WG91-C	03	05/10/2003	CLR	---	N	N	
C05.051.026	3-03A-97-13	03A	01/14/2003	REC	---	Y	N	Indication # 1 is a 360° intermittent indication due to the ID counterbore. Amplitude on the 70° confirmation scan was less than 20%. Indication # 2 is a 360° intermittent indication due to the ID backing ring. Backing ring verified with 0° thickness measurements and construction data.
C05.051.026A	3-03A-97-13	03A	01/14/2003	CLR	---	N	N	
C05.051.034	3LPS-478-76	14B	01/13/2003	CLR	---	N	N	
C05.051.034A	3LPS-478-76	14B	01/13/2003	CLR	---	N	N	
C05.051.039	3LPS-477-53	14B	01/14/2003	REC	---	Y	N	Indication # 1 is a 360° intermittent reflector due to the backing ring. Indication is not detectable from opposite side scan. The 70° shear confirmation scan found only 25% amplitude. Backing ring verified with 0° thickness measurements and construction data.
C05.051.039A	3LPS-477-53	14B	01/14/2003	CLR	---	N	N	
C05.051.044	3LPS-478-77	14B	01/13/2003	CLR	---	N	N	
C05.051.044A	3LPS-478-77	14B	01/13/2003	CLR	---	N	N	
C05.051.045	3LPS-478-9	14B	01/13/2003	REC	---	Y	N	Indication # 1 is a 360° intermittent reflector due to the backing ring. Indication is not detectable from opposite side scan. The 70° shear confirmation scan found only 20% amplitude. Backing ring verified with 0° thickness measurements and construction data.
C05.051.045A	3LPS-478-9	14B	01/13/2003	CLR	---	N	N	
C05.081.006	3MS-15A-F-1	01A	05/19/2003	CLR	---	N	N	
C05.081.010	3FWD-83-C	03	05/17/2003	CLR	---	N	N	
D02.020.003	3-01A-LC-1605	01A	01/15/2003	CLR	---	N	N	
D02.020.004	3-01A-R1	01A	01/15/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.015	3-03A-DE048	03A	03/27/2003	CLR	---	N	N	
D02.020.028	3-03A-H141	03A	01/20/2003	CLR	---	N	N	

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 9  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
D02.020.031	3-03A-H152	03A	03/27/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.043	3-03A-SR177	03A	02/06/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.047	3-03A-H10	03A	02/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.048	3-03A-H11	03A	02/24/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.049	3-03A-H110	03A	01/21/2003	CLR	---	N	N	
D02.020.050	3-03A-H159	03A	01/15/2003	CLR	---	N	N	
D02.020.061	3-03A-SR119	03A	06/02/2003	CLR	---	N	N	
D02.020.062	3-03A-SR121	03A	01/15/2003	CLR	---	N	N	
D02.020.067	3-03A-SR138	03A	01/20/2003	CLR	---	N	N	
D02.020.068	3-03A-SR139	03A	01/20/2003	CLR	---	N	N	
D02.020.091	3-04A-SR3	04A	02/20/2003	CLR	---	N	N	
D02.020.096	3-07A-SR15	07A	01/15/2003	CLR	---	N	N	
D02.020.103	3-13-SR2	13	01/15/2003	CLR	---	N	N	
D02.020.110	3-14B-DE050	14B	02/20/2003	CLR	---	N	N	
D02.020.112	3-14B-DE067	14B	02/20/2003	CLR	---	N	N	
D02.020.113	3-14B-DE068	14B	02/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98601580 was written to correct problems.
D02.020.114	3-14B-DE069	14B	02/20/2003	CLR	---	N	N	
D02.020.116	3-14B-DE071	14B	02/20/2003	CLR	---	N	N	
D02.020.117	3-14B-H15	14B	12/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.118	3-14B-H22	14B	02/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order #98588755 was written to correct problems.
D02.020.119	3-14B-H23	14B	02/20/2003	CLR	---	N	N	
D02.020.120	3-14B-H28	14B	02/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.121	3-14B-H101	14B	01/20/2003	CLR	---	N	N	
D02.020.122	3-14B-H102	14B	01/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.123	3-14B-H17	14B	12/11/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 10  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
D02.020.124	3-14B-JGM-2706	14B	01/08/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.125	3-14B-JTC-0101	14B	12/31/2002	CLR	---	N	N	
D02.020.126	3-14B-ML-5005	14B	01/06/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.020.127	3-14B-R101	14B	01/22/2003	CLR	---	N	N	
D02.020.128	3-14B-R103	14B	02/20/2003	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	3-57-H5	57	05/01/2003	CLR	---	N	N	
D02.020.149	1-WL-100A-K0001	WL	11/25/2002	CLR	---	N	N	
D02.020.151	2-WL-100A-K0032	WL	11/26/2002	CLR	---	N	N	
D02.030.002	3-03-SR3	03	01/08/2003	CLR	---	N	N	
D02.040.001	3-01A-H7	01A	03/27/2003	CLR	---	N	N	
D02.040.002	3-01A-H8	01A	01/21/2003	CLR	---	N	N	
D02.040.003	3-03-H48	03	01/06/2003	CLR	---	N	N	
D02.040.004	3-03-H49	03	01/15/2003	CLR	---	N	N	
D02.040.005	3-03-H50	03	03/27/2003	CLR	---	N	N	
D02.040.006	3-03-H58	03	01/08/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
D02.040.007	3-03-H59	03	01/08/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order #98575700 was written to correct problems.
D02.040.019	3-07A-H15	07A	01/08/2003	CLR	---	N	N	
D02.040.024	3-08-H1	08	01/21/2003	CLR	---	N	N	
D02.040.041	3-14B-H9	14B	12/12/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order #98573695 was written to correct problems.
F01.010.001	3-51A-H12B	51A	05/01/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order 98599295 was written to correct problems.
F01.010.002	3-51A-H2B	51A	05/05/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.010.005	3-59-H28	59	05/25/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.011.001	3-51A-H10A	51A	05/06/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98598670 was written to correct problems.

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 11  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
F01.011.002	3-51A-H12A	51A	05/12/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.011.008	3-59-H6514	59	05/09/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.012.011	3-50-RCPM-3B1-SS1	50	05/01/2003	CLR	---	N	N	
F01.020.001	3-01A-H4A	01A	05/06/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.020.002	3-01A-H5A	01A	05/09/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.020.020	3-53B-DE026	53B	12/12/2002	CLR	---	N	N	
F01.020.021	3-53B-DE027	53B	12/12/2002	CLR	---	N	N	
F01.020.022	3-53B-DE028	53B	12/12/2002	CLR	---	N	N	
F01.020.029	3-54A-DE003	54A	12/12/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order #98584328 was written to correct problems.
F01.020.030	3-54A-H25	54A	01/13/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.020.035	3-54A-SR19	54A	02/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order #98585413 was written to correct problems.
F01.020.048	3-51B-H24	51B	12/02/2002	CLR	---	N	N	
F01.020.051	3-51B-H63	51B	05/08/2003	CLR	---	N	N	
F01.021.005	3-14B-H20D	14B	05/16/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.021.006	3-14B-H22A	14B	05/18/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. There were weld deficiencies problems found on support 54B-0-2477-H15A. This support is part of a gang hanger that adjoins 3-14B-H22A. PIP O-03-03262 was written to document this support problem and Work Orders # 98279256 and # 98279258 were written to correct problems.
F01.021.007	3-14B-H22D	14B	05/18/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.021.011	3-51A-DE006	51A	12/02/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order #98571579 was written to correct problems.
F01.021.012	3-51A-DE083	51A	02/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 12  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
F01.021.013	3-51A-DE084	51A	02/20/2003	CLR	---	N	N	
F01.021.014	3-51A-DE085	51A	12/09/2002	CLR	---	N	N	
F01.021.024	3-53B-R2	53B	01/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.021.030	3-56-DE052	56	12/09/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.021.035	3-51B-SB-1002	51B	05/08/2003	CLR	---	N	N	
F01.022.009	3-53B-DE013	53B	11/25/2002	CLR	---	N	N	
F01.022.011	3-53B-H43	53B	12/02/2002	CLR	---	N	N	
F01.022.014	3-53B-SR46	53B	12/12/2002	CLR	---	N	N	
F01.022.015	3-54A-H35	54A	01/27/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.022.016	3-54A-H39	54A	01/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.022.020	3-01A-H1	01A	02/20/2003	CLR	---	N	N	
F01.022.025	3-51B-H5535	51B	12/02/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.030.006	3-03A-DE048	03A	03/27/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.030.039	3-57-H5	57	05/01/2003	CLR	---	N	N	
F01.031.002	3-03A-H11	03A	02/24/2003	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	3-03A-H110	03A	01/21/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.031.011	3-04A-SR3	04A	02/20/2003	REP	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be inoperable. PIP O-03-01519 was written to document problem. The system was operable without the operability of this support. The problems found were not service induced; therefore, additional examinations are not required per paragraph -2430 of Code Case N-491. Work Order 98589202 was written to correct problems.
F01.031.015	3-13-SR2	13	01/15/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.031.025	2-WL-100A-K0032	WL	11/25/2002	CLR	---	N	N	
F01.032.001	3-01A-H7	01A	03/27/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.032.002	3-01A-H6	01A	01/21/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 13  
 08/18/2003

EOC 20  
 Plant: Oconee 3

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 # 98576669 was written to correct problems.
F01.032.003	3-03-H48	03	01/06/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.032.004	3-03-H49	03	01/15/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.032.009	3-03A-SR101PO	03A	01/09/2003	CLR	---	N	N	
F01.032.011	3-07A-H15	07A	01/08/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.032.013	3-08-H1	08	01/21/2003	CLR	---	N	N	
F01.040.001	3-RPV-WR36		06/06/2003	CLR	---	N	N	
F01.040.015	3-SF-PU-A		01/20/2003	CLR	---	N	N	
F01.040.016	3-SF-COOLER-A		03/13/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.040.026	3-RC-SR-FILTER		12/02/2002	CLR	---	N	N	
F01.040.033	3-CON-BOR-TANK		03/04/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.040.034	3-PEN-ROOM-FLTR		12/02/2002	CLR	---	N	N	
F01.040.035	3-PEN-ROOM-FAN		12/02/2002	CLR	---	N	N	
F01.040.037	3-ESVP-3A		12/16/2002	CLR	---	N	N	
F01.050.001	3-03-SR3	03	01/08/2003	CLR	---	N	N	
F01.050.002	3-NPS-03-H28	03A	05/09/2003	CLR	---	N	N	
F01.050.003	3-53-H3	53A	05/10/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98545655 was written to correct problems.
F01.050.004	3-56-H10	56	05/12/2003	CLR	---	N	N	
F01.050.005	3-50-H12	50	05/05/2003	CLR	---	N	N	
F01.050.006	3-50-H1A	50	05/05/2003	CLR	---	N	N	
F01.050.007	3-50-H2A	50	05/05/2003	CLR	---	N	N	
F01.050.008	3-50-H3A	50	05/05/2003	CLR	---	N	N	
F01.050.009	3-51A-H2A	51A	05/05/2003	CLR	---	N	N	
F01.050.010	3-03-H6B	03	05/05/2003	CLR	---	N	N	
F01.050.011	3-03-H7A	03	05/05/2003	CLR	---	N	N	
F01.050.012	3-50-H10	50	05/05/2003	CLR	---	N	N	
F01.050.013	3-50-H11	50	05/05/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.014	3-50-H8	50	05/01/2003	CLR	---	N	N	

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 14  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
F01.050.015	3-50-H9	50	05/01/2003	CLR	---	N	N	
F01.050.016	3-50-H1	50	05/01/2003	CLR	---	N	N	
F01.050.017	3-50-H3	50	05/01/2003	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	3-57-H15	57	05/01/2003	CLR	---	N	N	
F01.050.020	3-57-H16	57	05/01/2003	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	3-57-H17	57	05/01/2003	CLR	---	N	N	
F01.050.022	3-57-H20	57	05/01/2003	CLR	---	N	N	
F01.050.023	3-57-H21	57	05/01/2003	CLR	---	N	N	
F01.050.024	3-57-H23	57	05/01/2003	CLR	---	N	N	
F01.050.025	3-57-H25	57	05/01/2003	CLR	---	N	N	
F01.050.026	3-57-H7	57	05/01/2003	CLR	---	N	N	
F01.050.027	3-57-H9	57	05/01/2003	CLR	---	N	N	
F01.050.028	3-01A-H2A	01A	05/05/2003	CLR	---	N	N	
F01.050.029	3-01A-H2B	01A	05/06/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98598039 was written to correct problems.
F01.050.030	3-01A-H8A	01A	05/05/2003	CLR	---	N	N	
F01.050.031	3-01A-H8B	01A	05/05/2003	CLR	---	N	N	
F01.050.032	3-03A-SR103PO	03A	01/15/2003	CLR	---	N	N	
F01.050.033	3-03A-SR104PO	03A	01/15/2003	CLR	---	N	N	
F01.050.034	3-03A-SR100PO	03A	01/08/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98456650 was written to correct problems.
F01.050.035	3-03A-SR101PO	03A	01/09/2003	CLR	---	N	N	
F01.050.036	3-03A-SR102PO	03A	01/15/2003	CLR	---	N	N	
F01.050.037	3-56-SR107	56	01/21/2003	CLR	---	N	N	
F01.050.038	3-56-SR109	56	01/21/2003	CLR	---	N	N	
F01.050.039	3-56-SR112	56	01/21/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98587934 was written to correct problems.
F01.050.040	3-56-SR116	56	01/21/2003	CLR	---	N	N	
F01.050.041	3-56-SR119	56	01/21/2003	CLR	---	N	N	
F01.050.042	3-51A-SR14	51A	12/02/2002	CLR	---	N	N	
F01.050.045	3-01A-R9	01A	01/15/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

EOC 20  
 Plant: Oconee 3

Run D  
 Page 15  
 08/18/2003

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
F01.050.046	3-53B-SR22	53B	11/25/2002	CLR	---	N	N	
F01.050.047	3-54A-SR22	54A	11/25/2002	CLR	---	N	N	
F01.050.048	3-54A-SR7	54A	11/25/2002	CLR	---	N	N	
F01.050.049	3-54A-SR14	54A	02/20/2003	CLR	---	N	N	
F01.050.050	3-01A-R4	01A	01/15/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.051	3-01A-R8	01A	01/15/2003	CLR	---	N	N	
F01.050.053	3-01A-R11	01A	12/09/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98588304 was written to correct problems.
F01.050.054	3-01A-R4	01A	12/09/2002	CLR	---	N	N	
F01.050.055	3-53B-SR32	53B	12/02/2002	CLR	---	N	N	
F01.050.056	3-53B-SR33	53B	12/02/2002	CLR	---	N	N	
F01.050.057	3-53B-SR38	53B	11/25/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98588402 was written to correct problems.
F01.050.058	3-53B-SR39	53B	11/25/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.059	3-13-SR1	13	12/09/2002	CLR	---	N	N	
F01.050.060	3-13-SR3	13	12/09/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.061	3-13-SR4	13	12/09/2002	CLR	---	N	N	
F01.050.062	3-07A-DE027	07A	01/15/2003	CLR	---	N	N	
F01.050.063	3-03-DE001	03	01/15/2003	CLR	---	N	N	
F01.050.064	3-03-SR1	03	01/08/2003	CLR	---	N	N	
F01.050.065	3-03-SR10	03	01/15/2003	CLR	---	N	N	
F01.050.066	3-03-SR11	03	01/15/2003	CLR	---	N	N	
F01.050.067	3-03-SR2	03	01/08/2003	CLR	---	N	N	
F01.050.068	3-03A-DE054	03A	01/08/2003	CLR	---	N	N	
F01.050.070	3-03A-DE053	03A	11/25/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.071	3-53B-DE013	53B	11/25/2002	CLR	---	N	N	
F01.050.072	3-56-DE005	56	01/21/2003	CLR	---	N	N	
F01.050.073	3-56-DE007	56	01/21/2003	CLR	---	N	N	
F01.050.074	3-53B-DE008	53B	12/09/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.075	3-56-DE008	56	12/02/2002	CLR	---	N	N	

DUKE ENERGY CORPORATION  
 QUALITY ASSURANCE TECHNICAL SERVICES  
 In-Service Inspection Database Management System  
 Oconee 3 Inservice Inspection Listing  
 Interval 3 Outage 6

Run D  
 Page 16  
 08/18/2003

EOC 20  
 Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
F01.050.076	3-03-H6034	03A	05/05/2003	CLR	---	N	N	
F01.050.077	3-03-H6036	03A	05/05/2003	CLR	---	N	N	
F01.050.078	3-03-H6038	03A	05/01/2003	CLR	---	N	N	
F01.050.079	3-03-H6187	03A	05/05/2003	CLR	---	N	N	
F01.050.080	3-57-NWIZ	57	05/05/2003	CLR	---	N	N	
F01.050.081	3-50-H7	50	05/01/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98598039 was written to correct problems.
F01.050.082	3-03A-H204	03A	01/21/2003	CLR	---	N	N	
F01.050.083	3-03A-SR33	03A	01/08/2003	CLR	---	N	N	
F01.050.084	3-51A-H308	51A	02/20/2003	CLR	---	N	N	
F01.050.085	3-51A-H309	51A	02/20/2003	CLR	---	N	N	
F01.050.086	3-51A-H294	51A	12/09/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98593512 was written to correct problems.
F01.050.087	3-51A-H304	51A	02/20/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.088	3-51A-H318	51A	12/02/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service. Work Order # 98545694 was written to correct problems.
F01.050.089	3-01A-R13	01A	01/15/2003	CLR	---	N	N	
F01.050.090	3-53B-SR46	53B	12/12/2002	CLR	---	N	N	
F01.050.091	3-54A-R1000	54A	12/02/2002	CLR	---	N	N	
F01.050.092	3-54A-R1001	54A	11/25/2002	CLR	---	N	N	
F01.050.093	3-54A-SR23	54A	12/02/2002	CLR	---	N	N	
F01.050.094	3-51B-H62	51B	05/08/2003	CLR	---	N	N	
F01.050.095	3-54A-SR12	54A	02/20/2003	CLR	---	N	N	
F01.050.096	3-01A-R10	01A	11/25/2002	CLR	---	N	N	
F01.050.097	3-01A-R6	01A	12/09/2002	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.098	3-01A-R9	01A	01/06/2003	CLR	---	N	N	
F01.050.099	3-01A-R3	01A	01/15/2003	CLR	---	N	N	
F01.050.100	3-07A-H70	07A	01/15/2003	CLR	---	N	N	
F01.050.101	3-07A-H71	07A	01/15/2003	CLR	---	N	N	
F01.050.102	3-07A-H72	07A	01/15/2003	CLR	---	N	N	
F01.050.103	3-07A-H74	07A	01/15/2003	CLR	---	N	N	
F01.050.104	3-07A-DE031	07A	12/02/2002	CLR	---	N	N	

**DUKE ENERGY CORPORATION**  
**QUALITY ASSURANCE TECHNICAL SERVICES**  
**In-Service Inspection Database Management System**  
**Oconee 3 Inservice Inspection Listing**  
**Interval 3 Outage 6**

Run D  
Page 17  
08/18/2003

EOC 20  
Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
F01.050.105	3-13-DE002	13	01/21/2003	CLR	---	N	N	
F01.050.106	3-53B-SR31	53B	12/02/2002	CLR	---	N	N	
F01.050.107	3-50-RCPM-3A1-SS1	50	05/05/2003	CLR	---	N	N	
F01.050.108	3-50-RCPM-3A1-SS2	50	05/05/2003	CLR	---	N	N	
F01.050.109	3-50-RCPM-3A1-SS3	50	05/05/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.110	3-50-RCPM-3A2-SS1	50	05/05/2003	CLR	---	N	N	
F01.050.111	3-50-RCPM-3A2-SS2	50	05/05/2003	REC	---	N	N	Discrepancies that were found were reviewed by civil engineering and the support was found to be acceptable for service.
F01.050.112	3-50-RCPM-3A2-SS3	50	05/05/2003	CLR	---	N	N	
F01.050.113	3-50-RCPM-3B1-SS1	50	05/01/2003	CLR	---	N	N	
F01.050.114	3-50-RCPM-3B1-SS2	50	05/01/2003	CLR	---	N	N	
F01.050.115	3-50-RCPM-3B1-SS3	50	05/01/2003	CLR	---	N	N	
F01.050.116	3-50-RCPM-3B2-SS1	50	05/01/2003	CLR	---	N	N	
F01.050.117	3-50-RCPM-3B2-SS2	50	05/01/2003	CLR	---	N	N	
F01.050.118	3-50-RCPM-3B2-SS3	50	05/01/2003	CLR	---	N	N	
F01.050.119	3-01A-R6	01A	04/30/2003	CLR	---	N	N	
F01.050.120	3-01A-R7	01A	12/16/2002	CLR	---	N	N	
G08.001.001	3PZR-WP63-1	50	05/06/2003	CLR	---	N	N	
G08.001.002	3PZR-WP63-2	50	05/06/2003	CLR	---	N	N	
G08.001.003	3PZR-WP63-3	50	05/06/2003	CLR	---	N	N	
G08.001.004	3PZR-WP63-4	50	05/15/2003	CLR	---	N	N	
G08.001.005	3PZR-WP63-5	50	05/15/2003	CLR	---	N	N	
G08.001.006	3PZR-WP63-6	50	05/15/2003	CLR	---	N	N	
G08.001.007	3PZR-WP63-7	50	05/06/2003	CLR	---	N	N	
G09.001.008	3-53B-37-1	53B	01/27/2003	CLR	---	N	N	
G09.001.009	3LP-181-29	53B	01/27/2003	CLR	---	N	N	
G09.001.010	3-53B-37-35	53B	01/27/2003	CLR	---	N	N	
G09.001.013	3-53B-44-14	53B	05/18/2003	CLR	---	N	N	
G09.001.019	3-53B-50-8	53B	01/23/2003	CLR	---	N	N	
G09.001.020	3-53B-51-19	53B	01/23/2003	CLR	---	N	N	
G09.001.025	3-54A-11-17	54A	01/15/2003	CLR	---	N	N	
G09.001.027	3-54A-11-5	54A	01/15/2003	CLR	---	N	N	
G09.001.030	3-54A-9-32	54A	01/20/2003	CLR	---	N	N	
G09.001.032	3SF-118-57	56	05/09/2003	CLR	---	N	N	
G09.001.034	3-51B-30-5	51B	05/13/2003	CLR	---	N	N	
G10.001.008	3-PIA2-9	50	05/07/2003	CLR	---	N	N	

DUKE ENERGY CORPORATION  
QUALITY ASSURANCE TECHNICAL SERVICES  
In-Service Inspection Database Management System  
Oconee 3 Inservice Inspection Listing  
Interval 3 Outage 6

Run D  
Page 18  
08/18/2003

EOC 20

Plant: Oconee 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
G10.001.009	3-PIB1-11	50	05/06/2003	CLR	---	N	N	
G11.001.001	3RCP-3A2	50	05/12/2003	CLR	---	N	N	
G11.001.002	3RCP-3B1	50	05/12/2003	CLR	---	N	N	
G12.001.005	3-51B-31-25	51B	05/13/2003	CLR	---	N	N	
G12.001.011	3-51B-41-31	51B	01/23/2003	CLR	---	N	N	
G12.001.016	3-51B-57-24A	51B	01/21/2003	CLR	---	N	N	

#### **4.1 Reportable Indications**

EOC 20 (Outage 6) had one reportable item

PIP O-03-01519 was written to document a problem found during VT-3 inspection of hanger 3-04A-SR3 (Item Number (F01.031.011)). There were recordable indications found during VT-3 examination of hanger 3-04A-SR3. The indications were reviewed by civil engineering and the support was found to be unacceptable for service.

#### **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 two corrective actions for the examinations associated with this report period.

PIP O-03-01519 was written to document a problem found during VT-3 inspection of hanger 3-04A-SR3 (Item Number (F01.031.011)). The indications found during the VT-3 examination were reviewed by civil engineering and the support was found to be unacceptable for service. The indications were not service induced; therefore, there are no additional sample examinations required and there will not be any surveillance inspections required. Work Order # 98589202 was written to correct problems.

PIP O-03-03262 was written to document a problem found on hanger 54B-02477-H15A. This hanger is part of a gang hanger that is associated with hanger 3-14B-H22A (Item Number F01.021.006). The problems for this support were discovered while performing a VT-3 exam on item F01.021.006. The indications found during the VT-3 examination were reviewed by civil engineering and the support was found to be unacceptable for service. The indications were not service induced nor were they on the support requiring the code examination; therefore, there are no additional sample examinations required and there will not be any surveillance inspections required. The Support weld deficiencies were repaired under Work Order # 98279258 and the rust problem will be corrected under Work Order # 98279258.

#### **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 (coverage and scans)**

**Coverage Limitations** (i.e., 90% or less of the required examination coverage obtained) identified for examinations associated with this report period are shown below.

**Scanning Limitations** (i.e., the number of scans required of weld volume in all four directions could not be performed.)

A Request for Relief will be submitted to seek NRC acceptance of the limited coverage and/or scanning limitations. Refer to Subsection 1.3 for additional information.

<b><u>Item Number</u></b>	<b><u>Request for Relief Serial Number</u></b>
B02.011.002	03-005
B02.012.002	03-005
B02.040.001	03-005
B09.011.023	03-005
B09.011.050	03-005
B09.011.051	03-005
C01.010.001	97-01
C01.010.002	97-01
C05.011.001	03-005
C05.011.005	03-005
C05.021.016	03-005
C05.021.021	03-005
C05.021.035	03-005
C05.021.044	03-005
C05.021.056	03-005

<b><u>Item Number</u></b>	<b><u>Request for Relief Serial Number</u></b>
C05.021.066	03-005
C05.021.067	03-005
C05.021.090	03-005
C05.021.095	03-005
C05.021.110	03-005
C05.051.020	03-005

## 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 4 work orders for category 1 repair and replacement documentation for this reporting period. Work Orders 98373454-60, 98373454-54, 98373454, and 98362574 had work completed prior to 12-14-01 and copies of the NIS-2 forms are included in this report.

Category 2 had 54 NIS-2 forms for work orders completed during this reporting period. Copies of the NIS-2 forms are included in this section of the report.

Category 3 items will be submitted in a future report. PIP # O-03-04958 and PIP # O-03-05164 were 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 1 and ISI Class 2 items 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
98430082	3LP-0199-142a	2	PT	
98449229	3HP-242-47	1	PT/UT	
98449229	3RC-0212-52	1	PT/UT	
98448761	3RC-0211-64	1	PT/UT	
98448761	3HP-0241-48	1	PT/UT	
98373454	3MS-0099-45	2	MT/UT	
98373454	3MS-0099-47	2	MT/UT	
98373454	3MS-0116-39	2	MT/UT	
98373454	3MS-0116-40	2	MT/UT	
98373454	3MS-0117-36	2	MT/UT	
98373454	3MS-0117-V37	2	PT/RT	

<b>Work Orders</b>	<b>Weld Numbers</b>	<b>ISI Class</b>	<b>Type of Inspection</b>	<b>Comments</b>
98373454	3MS-0118-23	2	MT/UT	
98373454	3MS-0119-21	2	MT/UT	
98373454	3MS-0119-V22	2	PT/RT	
98373454	3MS-0120-32	2	MT/UT	
98373454	3MS-0120-33	2	MT/UT	
98373454	3MS-0121-61	2	MT/UT	
98373454	3MS-0122-24	2	MT/UT	
98595583	3MS-0087-74	2	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 28201-1008**

1a. Date 05-21-03

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 # 98430082-01  
 Repair Organization Job # \_\_\_\_\_

3. Work Performed By **Duke Power Company**  
 Address **526 S. Church Street, Charlotte, NC 28201-1008**  
 Type Code Symbol Stamp **N/A** Authorization No. **N/A** Expiration Date **N/A**

3b. NSM or MM # N/A

4. Identification of System CORE FLOOD Class 2

5. (a) Applicable Construction Code ANSI B 31.7 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	<u>SK 3-53B-5-0-2439B-H101</u>	<u>DPC</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2003</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 MADIFY S/R 3-538-5-0-2439B-H101

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 MAY 21, 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 ASB CT have inspected the components described in this Owner's Report during the period 10/10/01 to 5/22/03; 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]  
Inspector's Signature

Commissions NC/AAA NBIB  
National Board, State, Providence and Endorsements

Date 5/22/03

**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 6-04-03  
 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 # 98404940-10  
 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 2

5. (a) Applicable Construction Code ANSI B 31.7 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 FOR HPI PUMP	DPC	N/A	N/A	N/A	2003	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 REPAIR SR ON HPI PUMP

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 N/A

(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  
Owner or Owner's Designee, Title

Date JUNE 4, 2003

#### 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 HSBC have inspected the components described in this Owner's Report during the period 6-4-03 to 6-4-03; 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.

Nancy C Ritchie Slaughter  
Inspector's Signature

Commissions NC 1164 ABNI  
National Board, State, Providence and Endorsements

Date 6-4-03

**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 05-20-03  
 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 # 98361811-15  
 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)** # 15406

4. Identification of System CORE FLOOD 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	<u>S/R 3-538-2436D-H5694</u>	<u>DPC</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2003</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes



**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 28201-1008**

1a. Date 06-04-03  
 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 # 98598039-03  
 Repair Organization Job # \_\_\_\_\_

3. Work Performed By Duke Power Company  
 Address **526 S. Church Street, Charlotte, NC 28201-1008**  
 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 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 SR 3-50-0- 2479A-H2A	GRINNELL	33618	N/A	N/A	N/A	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B SNUBBER ON SR 3-50-0- 2479A-H2A	GRINNELL	35542	N/A	N/A	2003	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 9/2 3-50-0-2479A-H2A

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 N/A

(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  
Owner or Owner's Designee, Title

Date JUNE 4, 2003

### 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 ET have inspected the components described in this Owner's Report during the period 6-4-03 to 6-4-03; 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]  
Inspector's Signature

Commissions NC 1169 ABRT

National Board, State, Providence and Endorsements

Date 6-4-03

**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 05-2003  
 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 # 98361821-15  
 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 # 15408

4. Identification of System CORE FLOOD Class 2

5. (a) Applicable Construction Code ANSI 331.7 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	<u>3R 3-53B- 24360-15693</u>	<u>DPC</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2003</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 3-53B-2436D-H5693

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 N/A

---



---



---

(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 SDEC.  
Owner or Owner's Designee, Title

Date MAY 20, 2003

### 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 HSBPT have inspected the components described in this Owner's Report during the period 6-30-03 to 7-7-03; 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]  
Inspector's Signature

Commissions NC1169 AB/NI  
National Board, State, Providence and Endorsements

Date 7-7-03

**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 06-10-03  
 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 # 98596645-01  
 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

5. (a) Applicable Construction Code ANSI B31.1 1917 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 <u>SR 3-01A-0-2401B-H21</u>	<u>DPC</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2003</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 REPAIR S/R 3-01A-0-2401B-H21

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 N/A

(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] DA SPEC.  
Owner or Owner's Designee, Title

Date JUNE 10, 2003

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 5/5/03 to 6/12/03; 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]  
Inspector's Signature

Commissions NC 1944 NEABC  
National Board, State, Providence and Endorsements

Date 6/12/03

**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 **528 S. Church Street, Charlotte, NC 28201-1006**

1a. Date 07-07-03

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 # 98600257-01  
 Repair Organization Job # \_\_\_\_\_

3. Work Performed By **Duke Power Company**  
 Address **528 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 BUILDING SPRAY Class 2

5. (a) Applicable Construction Code ANSI B31.7 1999 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 <u>SR 3-54B-0-2477-H15A</u>	<u>DPC</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2003</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 REPAIR SR 3-548-0-2477- HISA

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 N/A

(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 Sam Mammol QA Spec.  
Owner or Owner's Designee, Title

Date JULY 07, 2003

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Providence of North Carolina and employed by HSBCT have inspected the components described in this Owner's Report during the period 7-7-03 to 7-7-03; 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.

Nancy P. Ritchie Slaughter Commissions  
Inspector's Signature

NC1169 AB/IE  
National Board, State, Providence and Endorsements

Date 7-7-03

**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 12-4-01

Sheet 1 of 1

2. Plant **Oconee Nuclear Station**  
Address **P.O. Box 1439, Seneca, S.C. 29679**

2a. Unit  1  2  3  Shared (specify Units \_\_\_\_\_)

3a. Work Order # 98373454-60  
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 # 33067

4. Identification of System STEAM DRAIN (OIA) Class 2

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition, 7 Addenda, N/A Code Cases  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda

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	<u>3-OIA-3-0</u> <u>2403D-H5</u>	<u>DPC</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2001</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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.

REMOVE EXISTING ITEMS 13, 17, 19  
REPLACE (2) ITEM # 16 WITH (2) ITEM # 24

7. Description of Work INSTALL NEW ITEMS 20-24 - SPRING CAN

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 Laurel Mancini RA SPEC.  
Owner or Owner's Designee, Title

Date DEC 4, 19 2001

#### 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 HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-15-01 to 8-5-02; 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.

James [Signature]  
Inspector's Signature

Commissions NC 1493 A N.I.I.  
National Board, State, Providence and Endorsements

Date 8-5-02, 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 12-4-01

Sheet 1 of 1

2. Plant **Oconee Nuclear Station**  
Address **P.O. Box 1439, Seneca, S.C. 29679**

2a. Unit  1  2  3  Shared (specify Units \_\_\_\_\_)

3a. Work Order # 98873454-54  
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 # 33067

4. Identification of System STEAM DRAIN (01A) Class 2

5. (a) Applicable Construction Code AWS D1.1 1998 Edition, Addenda, N/A Code Cases  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda

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	<u>SIR3-01A</u> <u>2401B-H4469</u>	<u>DPC</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2001</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 WELD ITEM 7 TO EXISTING, ITEM 5, 6 TO ITEM 7

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 Sam M. Mancini QA SPEC.  
Owner or Owner's Designee, Title

Date DEC 4, 19 2001

#### 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 HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-13-01 to 1-5-02; 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.

James L. ...  
Inspector's Signature

Commissions N.C. 1493 ANET  
National Board, State, Providence and Endorsements

Date 1-5, 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 030303  
 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 # 98499849-15  
 Repair Organization Job # LMM

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 of MM # 16836 <sup>01</sup> <sub>03-03-00</sub>

4. Identification of System LOW 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	<u>S/R 3-538-5-0-2435B-SR36</u>	<u>DPC</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2003</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 3-53B-5-0-2435B-5R310

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  
Owner or Owner's Designee, Title

Date MAR 3, 2003

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 HSBCT have inspected the components described in this Owner's Report during the period 9/3/02 to 2/24/03; 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]  
Inspector's Signature

Commissions NC/AAA  
National Board, State, Providence and Endorsements

Date 3/18/03

**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 05-14-03  
 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 # 98530392-01  
 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 SPENT FUEL 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	<u>SR 3-01A-D-2401B-R5</u>	<u>DPC</u>	<u>N/A</u> <sup>SCM 05-15-03</sup> <u>35283</u>	<u>N/A</u>	<u>N/A</u>	<u>2003</u>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 DRUMMER SKR 3-01A-0-24018-R5

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 Mammill QA Spec.  
Owner or Owner's Designee, Title

Date MAY 14, 2003

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 <sup>15</sup>  
to 5/20/03 <sup>5/20/03</sup> have inspected the components described in this Owner's Report during the period 5/16/03 <sup>5/16/03</sup> 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]  
Inspector's Signature

Commissions NC 1444 NTABC  
National Board, State, Providence and Endorsements

Date 5/20/03

**FORM NIS-2 OWNER'S REPORT - JR 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 28201-1008**

1a. Date 05-26-03

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 # 98429578-14  
 Repair Organization Job # \_\_\_\_\_

3. Work Performed By Duke Power Company  
 Address **526 S. Church Street, Charlotte, NC 28201-1008**  
 Type Code Symbol Stamp **N/A** Authorization No. **N/A** Expiration Date **N/A**

3b. NSM or MM# 16472

4. Identification of System BOILED WATER Class 2

5. (a) Applicable Construction Code ANSI 531.7 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	TORNADO JENT	DPC	N/A	N/A	N/A	1969	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 24 5/8" HEX NUTS PER V.N.-16472D

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 N/A

(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 Quint Mammal QA SPEC.  
Owner or Owner's Designee, Title

Date MAY 26, 2003

#### 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 5/27/03 to 5/28/03; 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]  
Inspector's Signature

Commissions NC/AA/IBRC  
National Board, State, Providence and Endorsements

Date 5/28/03

**FORM NIS-2 OWNER'S REPORT - JR 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 05-26-03

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 # 98462401-01  
 Repair Organization Job # \_\_\_\_\_

3b. NSM or MM # N/A

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

4. Identification of System FEDWATER EMERGENCY FEEDWATER Class 2

5. (a) Applicable Construction Code ASME 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 SR 3-03-0- 2480A-H6B	GRINNELL	18589	N/A	N/A	N/A	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B SNUBBER ON SR 3-03-0- 2480A-H6B	GRINNELL	35474	N/A	N/A	2003	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 9/R 3-03-0-2480A-HUB

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 N/A

(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 SUFF.  
Owner or Owner's Designee, Title

Date MAY 26, 2003

#### 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 5/27/03 to 5/28/03; 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]  
Inspector's Signature

Commissions NC/IAA/NTAB  
National Board, State, Providence and Endorsements

Date 5/28/03

**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 05-21-03  
 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 # 98430082-05  
 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 # N/A

4. Identification of System CORE FLOOD Class 2 **\*\* ASME III 1989 EDITION**

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	3/R 3-53B-5-0- 2439B-H101	DPC	N/A	N/A	N/A	2003	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
* B	PIPING	DPC	N/A	N/A	N/A	12/74	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 ADDED WELD METAL TO EXISTING PIPE LUGS ON WELD #

3LP-0199-142R

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 *Sam Maman* Date MAY 21, 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 5/1/02 to 5/2/03; 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]*  
 Inspector's Signature

Commissions NC/PA/VT/ABOC  
 National Board, State, Providence and Endorsements

Date 5/2/03

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

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

1a. Date 11-27-01  
Sheet 1 of 5

3a. Work Order #: 98373454  
Repair Organization Job #

3b. NSM or MM #: 33067

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

4. (a) Identification of System: M5 MAIN STEAM 4. (b) Class of System: 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 Mfg.	Mfg. Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	<u>VLV.</u> <u>3-MS-24</u>	<u>CRANE</u>	<u>NO INFORMATION ON</u>	<u>VLV. NA</u>	<u>NA</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
B	<u>VLV.</u> <u>3-MS-24</u>	<u>VELAN</u>	<u>012113</u>	<u>NA</u>	<u>NA</u>	<u>2001</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
C	<u>VLV.</u> <u>3MS-33</u>	<u>CRANE</u>	<u>021738-04</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
D	<u>VLV.</u> <u>3MS-33</u>	<u>VELAN</u>	<u>012118</u>	<u>NA</u>	<u>NA</u>	<u>2001</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
E	<u>VLV.</u> <u>3MS-17</u>	<u>CRANE</u>	<u>021771-06</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
F	<u>VLV.</u> <u>3MS-17</u>	<u>VELAN</u>	<u>012128</u>	<u>NA</u>	<u>NA</u>	<u>2001</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes

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'S. 3MS-24, 33 & 17.

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

Pressure 850 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks PERFORM SUS. LEAK TEST AND NDE AND ASME  
SECT. III AND CODE CASE N-410-1  
TEST # 32 FR 599

(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 SPC.  
Owner or Owner's Designee, Title

Date MAR 11 2002

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 1-27-01 to 2-5-02; 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.

[Signature]  
Inspector's Signature

Commissions NC 1483 ANED  
National Board, State, Province and Endorsements

Date 2-5-02

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 11-27-01  
Sheet 2 of 5

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98373454  
Repair Organization Job # \_\_\_\_\_

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

3b. NSM or MM #: 33067

4. (a) Identification of System: M/S MAIN STEAM 4. (b) Class of System: 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or-no)
A	VLV. 3MS-26	CRANE	021771-06	NA	NA	NA	Repaired, Replaced, Replacement	<input checked="" type="radio"/> No Yes
B	VLV. 3MS-26	VELAN	012127	NA	NA	2001	Repaired, Replaced, Replacement	No <input checked="" type="radio"/> Yes
C	VLV. 3MS-82	CRANE	NO INFORMATION AVAILABLE			NA	Repaired, Replaced, Replacement	<input checked="" type="radio"/> No Yes
D	VLV. 3MS-82	VELAN	012111	NA	NA	2001	Repaired, Replaced, Replacement	No <input checked="" type="radio"/> Yes
E	VLV. 3MS-84	CRANE	021738-19	NA	NA	NA	Repaired, Replaced, Replacement	<input checked="" type="radio"/> No Yes
F	VLV. 3MS-84	VELAN	012112	NA	NA	2001	Repaired, Replaced, Replacement	No <input checked="" type="radio"/> Yes

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 RV'S. 3MS-26, 82 & 84.

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

Pressure 850 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °P  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks PERFORM SIS. LEAK TEST AND NDE AND  
ASME SECT. III AND CODE CASE N 416-1  
TEST # 32 ER 599

(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 James Mammill QA Spec Date MAY 16, 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 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 11-27-01 to 8-5-02; 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.

James Longley  
Inspector's Signature

Commissions N.C. 1483 A N E E  
National Board, State, Province and Endorsements

Date 8-5-02

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 11-27-01  
Sheet 3 of 5

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98373454  
Repair Organization Job #

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

3b.  SM or  MM #: 33067

4. (a) Identification of System: M/S MAIN STEAM 4. (b) Class of System: 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 Mfg.	Mfg. Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A VLV. 3MS-35	CRANE	NO INFORMATION AVAILABLE			NA	Repaired, Replaced, Replacement	<input checked="" type="radio"/> No Yes
B VLV. 3MS-35	VELAN	012124	NA	NA	2001	Repaired, Replaced, Replacement	No Yes
C VLV. 3MS-36	CRANE	NO INFORMATION AVAILABLE			NA	Repaired, Replaced, Replacement	<input checked="" type="radio"/> No Yes
D VLV. 3MS-36	VELAN	012123	NA	NA	2001	Repaired, Replaced, Replacement	No <input checked="" type="radio"/> Yes
E VLV. 3MS-76	CRANE	NO INFORMATION AVAILABLE			NA	Repaired, Replaced, Replacement	<input checked="" type="radio"/> No Yes
F VLV. 3MS-76	VELAN	012129	NA	NA	2001	Repaired, Replaced, Replacement	No <input checked="" type="radio"/> Yes

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 REPAIRED VLV'S. 3MS-35, 36 & 46.

8. Test Conducted: Hydrostatic Pneumatic Nom. Operating Press. Other Exempt  
Pressure 850 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks  
PERFORM SUS. LEAK TEST AND NDE AND  
ASME SECT. III AND CODE CASE N-416-1  
TEST # 32FR 599

(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 MAR 11, 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 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 11-22-01 to 8-5-02; 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.

[Signature] \_\_\_\_\_ Commissions NC 1483 ANER  
 Inspector's Signature National Board, State, Province and Endorsements  
 Date 8-5-02

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

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

1a. Date 11-27-01  
Sheet 4 of 5

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

3a. Work Order #: 98373454  
Repair Organization Job #

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

3b.  NSM or MM #: 33067

4. (a) Identification of System: M/S MAIN STEAM

4. (b) Class of System: 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	<u>VLV. 3MS-79</u>	<u>CRANE</u>	<u>NO INFORMATION AVAILABLE NA</u>				<u>Repaired, Replaced, Replacement</u>	<u>No</u>
B	<u>VLV. 3MS-79</u>	<u>VELAN</u>	<u>012130</u>	<u>NA</u>	<u>NA</u>	<u>2001</u>	<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>

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. 3MS-79.

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

Pressure 850 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks PERFORM SUB. LEAK TEST AND NDE AND  
ASME SECT. III AND CODE CASE N-416-1  
TEST # 32 FR 594

(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] RA SPEC Date MAR 11, 2002  
 Owner or Owner's Designated 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 11-27-01 to 8-5-02; 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.

[Signature] Commissions N.C. 1483 ANIE  
 Inspector's Signature National Board, State, Province and Endorsements

Date 8-5-02

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 28201-1008

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

1a. Date 12-4-01  
Sheet 5 of 5

3. Work Performed By: Duke Power Company  
Address: 526 S. Church Street, Charlotte NC 28201-1008

3a. Work Order #: 98373454-09  
Repair Organization Job #

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

3b. NSM or MM #: 33067

4. (a) Identification of System: M/S MAIN STEAM  
\* ANSI B31.1 7/1967

4. (b) Class of System: 2

5. (a) Applicable Construction Code: ASME III 89 Edition, 1990 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	<u>VLV. 3MS-26</u>	<u>VELAN</u>	<u>12127</u>	<u>NA</u>	<u>NA</u>	<u>2001</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u>
B	<u>* PIPING</u>	<u>D.P.CO.</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>12/74</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u>

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 PERFORMED BMR OF BONNET FLANGE SEATING SURFACE ON VLV. 3MS-26.

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

Pressure 850 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks  
PERFORM SUS. LEAK TEST AND NDE AND  
ASME SECT. XI AND CODE CASE N-416-1  
TEST# 32ER 599

(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] Date MAY 16, 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 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 12-4-01 to 1-5-02; 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.

[Signature] Commissions N.C. 1483 ANIL  
 Inspector's Signature National Board, State, Province and Endorsements

Date 1-5-02

**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 12-17-01  
Sheet 1 of 1

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98448761-12  
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 HIGH PRESSURE INJECTION (b) Class of System: 2

5. (a) Applicable Construction Code: ANSI B31.7 8/1969 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (Yes or No)
A	<u>PIPING</u>	<u>D.P.Co.</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>12/74</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
B							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes

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 3" 1 HPI NOZZLE THERMAL SLEEVE PIPING ON 150 3HP-0241 & HP-0405.

8. Test Conducted: Hydrostatic Pneumatic Nom. Operating Press. Other Exempt  
Pressure 2155 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks PERFORMED 545 LEAK TEST AND NDE i ASME SECT. III 1992 EDITION PER CODE CASE PER N 416-1 TEST # 312 579

(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] Date MAR 11, 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 12-4-01 to 3-18-02; 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.

[Signature] Commissions VA 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-18-2002

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

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

1a. Date 12-17-01  
Sheet 1 of 1

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98449229  
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 (REACTOR COOLANT) 4. (b) Class of System: 1

5. (a) Applicable Construction Code: ANSI B31.7 8/69 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	<u>PIPING</u>	<u>D.P. Co.</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>12/94</u>	<u>Repaired, Replaced, Replacement</u>	<u>(No) Yes</u>
B							<u>Repaired, Replaced, Replacement</u>	<u>No Yes</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No Yes</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No Yes</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No Yes</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No Yes</u>

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 3BI HPI THERMAL SLEEVE PIPING ON ISO 3-RC-0212.

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

Pressure 2155 psig Test Temp. N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks  
PERFORMED SYS. LEAK TEST & NDE PER ASME CODE CASE N-416-1.  
TEST # 312 579.

(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] Date MAR 11 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 12-4-01 to 3-18-02; 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.

[Signature] Commissions VAS58  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-18-02

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

1. Owner 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

1a. Date 12-17-01  
Sheet 1 of 1

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 #: 98449229  
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 (HIGH PRESSURE INJECTION)  
4. (b) Class of System: 2

5. (a) Applicable Construction Code: ANSI B31.7 8/69 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	PIPING	D.P.CO.	NA	NA	NA	12/74	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

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 3BI HPI THERMAL SLEEVE PIPING ON ISO 3-HP-0242.

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

Pressure 2155 psig Test Temp. N.O.T.F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks  
PERFORMED SYS. LEAK TEST & NDE PER ASME SECT. III 1992 EDITION PER ASME CODE CASE N-416-1.  
TEST # 312 579

(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] RA SAEC Date MAR 11, 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 2-4-01 to 3-18-01 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 UASIS  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-18-2002

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

1. Owner 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  Shared (specify Units \_\_\_\_\_)

1a. Date 12-17-01  
Sheet 1 of 1

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

3a. Work Order #: 98448761-16  
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 REACTOR COOLANT (b) Class of System: 1

5. (a) Applicable Construction Code: ANSI B31.7 8/1969 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 Mfg.	Mfg. Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	<u>PPING</u>	<u>D.P.CO.</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>12/01</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
B							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes

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 3A1 HPI NOZZLE THERMAL SLEEVE,  
PIPING ISO SRC-0211.

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

Pressure 2155 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks PERFORMED 345 LEAK TEST ? NDE PER ASME  
SECTION K92 EDITION PER ASME CODE CASE  
N-416.1  
TEST # 312579

(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] Date MAR 11, 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 12-4-01 to 3-18-02; 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.

[Signature] Commissions VH 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-18 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 28201-1008**

1a. Date 7-15-03  
 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 # 98545679-03  
 Repair Organization Job # \_\_\_\_\_

3. Work Performed By **Duke Power Company**  
 Address **526 S. Church Street, Charlotte, NC 28201-1008**  
 Type Code Symbol Stamp **N/A** Authorization No. **N/A** Expiration Date **N/A**

3b. NSM or MM # NA

4. Identification of System STEAM GENERATOR (RC) HMS  
 Class MAIN STEAM + REACTOR COOLANT 1332-2, 3, 4 / 1339-1 / 1336 / 1359-1  
 5. (a) Applicable Construction Code ASME III 1965 Edition, SUMMER 1967 Addenda, 1338-3 & 4 HLT. 1 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 ON 3B OTSG	NA	NA	NA	NA	NA 2003	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B	UPPER MANWAY					NA 15/16/03	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 1-2" NUT ON 3B-OTSG UPPER MAINWAY.

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 \_\_\_\_\_  
\_\_\_\_\_ *NA* \_\_\_\_\_  
\_\_\_\_\_

(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 William A. Blum QA TECH. SPS Date 7-15-03 7-16-03  
Owner or Owner's Designee, Title WAB

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 HSBCT have inspected the components described in this Owner's Report during the period 5-19-03 to 7-16-03; 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.

Worcey Retcher Slough Commissions NC 1164AB WI  
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-16-03

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

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

1a. Date 12-19-01  
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 #: 98377134-04  
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: Reactor Coolant

4. (b) Class of System: 1

5. (a) Applicable Construction Code: 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	Valve 3RC-67	Dresser	BLO-8890	N/A	N/A	1970	Repaired, Replaced, Replacement	No Yes
B	Valve 3RC-67	Dresser	BLO 8896	N/A	N/A	N/A	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 valve 3RC-67

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

Pressure 2155 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks

TEST # 314 579

(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 MAR 11, 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-12-01 to 3-13-02; 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.

[Signature] Commissions VASS8  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-13-2002

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
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 #: 98377135-06  
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: Reactor Coolant 4. (b) Class of System: 1
5. (a) Applicable Construction Code: B31.7 1969 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	Valve 3RC-68	Dresser	BT-04976	N/A	N/A	1979	Repaired, Replaced, Replacement	<u>No</u> Yes
B	Valve 3RC-68	Dresser	BL08890	N/A	N/A	1970	Repaired, Replaced, Replacement	<u>No</u> 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

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 Valve 3RC-68 was replaced and the disc was also replaced. S/N BT-04976

8. Test Conducted: Hydrostatic Pneumatic Nom. Operating Press Other Exempt  
Pressure 2155 psig Test Temp. N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks

TEST # 312579

(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 MAR 11, 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-12-01 to 3-13-02; 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.

[Signature] Commissions VA 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-13-2002

**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 28201-1008**

1a. Date 5-26-03

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 # 98545709-01  
 Repair Organization Job # \_\_\_\_\_

3. Work Performed By **Duke Power Company**  
 Address **526 S. Church Street, Charlotte, NC 28201-1008**  
 Type Code Symbol Stamp **N/A** Authorization No. **N/A** Expiration Date **N/A**

3b. NSM or MM # \_\_\_\_\_

4. Identification of System High 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	Valve 3HP-31	Fisher	4768611	N/A	N/A	1973	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 assembly in 4" 3HP-31

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 N/A At 5/26/03

---



---



---

(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 PI Hooker / OC Specialist  
Owner or Owner's Designee, Title

Date 5/30/03

### 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 5/30/03 to 5/31/03; 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.

Nancy Ritchie Slaughter  
Inspector's Signature

Commissions NC1169ABNE  
National Board, State, Providence and Endorsements

Date 5-31-03

**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 5-30-03  
 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 # 98524543  
 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 NMA 17165

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1965 Edition, W/SUMMER 1967 Addenda, 1359-1/1338-3 & 4 ALT. 1, 1332-2, 3, 4/1339-1/1336 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	STEAM GENERATOR 3A B+W	620-0009-55 -1	N-127	NA	1971	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
D						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 PLUGGED 415 TUBES IN 3A STM. GEN.  
REROLLED 19 TUBES IN 3A STM. GEN.

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

Pressure 4300 psig                      Test Temp. 90-133 °F  
 Pressure \_\_\_\_\_ psig                      Test Temp. \_\_\_\_\_ °F  
 Pressure \_\_\_\_\_ psig                      Test Temp. \_\_\_\_\_ °F

9. Remarks PERFORMED IN-SITU PRESSURE TEST, SEE SECT. 9  
OF FRAMATOME PROCEDURE/TRAVELER.

(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. F. Bludworth QA TECH. SPEC. Date 5-30-03  
 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 NSB CT have inspected the components described in this Owner's Report during the period 5/30/03 to 5/31/03; 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]  
 Inspector's Signature

Commissions NC/AAA/NIABL  
 National Board, State, Providence and Endorsements

Date 5/31/03

**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 5-30-03

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 # 98524548  
 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 # 17166

4. Identification of System REACTOR COOLANT Class 1

5. (a) Applicable Construction Code ASME III 1965 Edition W/SUMMER 1967 Addenda, 1332-2, 3, 4 / 1939-1 / 1336  
 (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.) 1359-1 / 1338-3 & 4 ACT. 1 Code Cases

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 <b>STEAM GENERATOR 3B</b>	<b>B+W</b>	<b>620-0009-55-2</b>	<b>N-128</b>	<b>N/A</b>	<b>1971</b>	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 PLUGGED 203 TUBES IN STM. GEN. 3B.  
REROLLED 27 TUBES IN STM. GEN. 3B.

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

Pressure 4250 psig Test Temp. 96 °F  
 Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
 Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks PERFORMED IN-SITU PRESSURE TEST, SEE SECT. 9  
OF FRAMATOME PROCEDURE/TRAVELER.

(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. Z. Blumhagen QA TECH. SPEC. Date 5-30-03  
 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 5/30/03 to 5/31/03; 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]  
 Inspector's Signature

Commissions NC/ASME/NBIB  
 National Board, State, Providence and Endorsements

Date 5/31/03

**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 5-29-03

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

Sheet 1 of 1

2a. Unit  1  2  3  Shared (specify Units \_\_\_\_\_)

3a. Work Order # 98576681-01  
 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 # 17590

4. Identification of System High Pressure Injection Class 2

5. (a) Applicable Construction Code ASME Sec. III 1989 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 3HP-21	Anchor Darling Enterprises, Inc.	V2223-004	N/A	N/A	1994	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 ball in 2" Ball valve 3HP-21

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 N/A PH 5/29/03

(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. Roberts / QC Specialist  
Owner or Owner's Designee, Title

Date 5-29-03

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 HSA CT have inspected the components described in this Owner's Report during the period 5/16/03 to 5/30/03; 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]  
Inspector's Signature

Commissions NC/IAA/IBAC  
National Board, State, Providence and Endorsements

Date 5/30/03

**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 5/29/03

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

Sheet 1 of 1

2a. Unit  1  2  3  Shared (specify Units \_\_\_\_\_)

3a. Work Order # 98576679-01  
 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 # 17589

4. Identification of System High Pressure Injection Class 2

5. (a) Applicable Construction Code ASME Sec. III 1989 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 3HP-5	Anchor Darling	EZ770-1-1	N/A	N/A	1996	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 ball in 2" Ball Valve 3HP-5

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 N/A At 5/29/03

(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 Atkins / QC Specialist Date 5/29/03  
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 5/14/03 to 5/20/03; 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/PA/VT/ND/BC  
Inspector's Signature National Board, State, Providence and Endorsements

Date 5/30/03

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 28201-1008

1a. Date 12-18-01  
Sheet 1 of 1

2. Plant Address: OCONEE NUCLEAR STATION  
7800 ROCHESTER HWY, SENEGA, 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 28201-1008

3a. Work Order #: 98444-777  
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 (REACTOR COOLANT) 4. (b) Class of System: 1

5. (a) Applicable Construction Code: ASME III 1994 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (Yes or no)
A	<u>BOLTING &amp; SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CRDM NOZZLE #10</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
B							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u>

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.

(8 EA - 1 1/8" BOLTS + 1 SET OF SPLIT RINGS)

7. Description of Work REPLACED BOLDING & SPLIT RINGS ON CRDM FLANGE ON NOZZLE NO. 10 @ LOCATION F-06.

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

Pressure 2155 psig Test Temp. N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks PER SYS. LEAK TEST. TEST NO. 316-579

(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] Date MAR 11 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 2-10-02 to 2-30-02 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 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 VA508  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-30-02

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 1-21-02  
Sheet 1 of 1

2. Plant Address: OCONEE NUCLEAR STATION  
7800 ROCHESTER HWY., SENEGA, 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 #: 98322880  
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: CF 4. (b) Class of System: 2

5. (a) Applicable Construction Code: ASME III 1965 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	<u>EXITING FOR 3A CORE FLOOR</u>	<u>B+W</u>	<u>B38066-3252</u>	<u>1208</u>		<u>1971</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
B	<u>TANK MANWAY</u>						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>

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.

1 3/8 NUT

7. Description of Work REPLACED NUT ON 3A CORE FLOOD TANK MANWAY COVER.

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 [Signature] Date 04-03-02  
 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 VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-17-01 to 4-2-02; 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 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 VA 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 4-4-2002

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 28201-1008

1a. Date 12-18-01  
Sheet 2 of 1

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

3. Work Performed By: Duke Power Company  
Address: 526 S. Church Street, Charlotte NC 28201-1008

3a. Work Order #: 98444779  
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 (REACTOR COOLANT) (b) Class of System: 1

5. (a) Applicable Construction Code: ASME III 1974 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 <u>BOLTING &amp; SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CDM NOZZLE 46 NA</u>		<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
B						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
C						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
D						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
E						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
F						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>

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.

(SEA - 1 1/8" BOLTS & 1 SPLIT RING SET.)

7. Description of Work REPLACED BOLTING & SPLIT RINGS ON CRDM FLANGE ON NOZZLE 46 @ LOCATION D-04.

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

Pressure 2155 psig Test Temp. N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST NO. 314-579

(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] Date MAR 11 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 4-30-2000 to 3-30-02 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 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 VAS 518  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-30-2002

FORM NIS-2 OWNER 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 12-18-01  
Sheet 1 of 1

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98444772  
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 (REACTOR COOLANT) (b) Class of System: 1

5. (a) Applicable Construction Code: ASME III 1974 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (Yes or No)
A	BOLTING & SPLIT RINGS	FRAMATOME	NA	NA	CRDM NOZZLE No. 49	NA	Repaired, Replaced, Replacement	No 3/10/02 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

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.

(8EA-1 1/8" BOLTS + 1 SPLIT RING SET.)

7. Description of Work REPLACED BOLTING + SPLIT RINGS ON CRIM FLANGE ON NOZZLE 49 @ LOCATION N-04.

8. Test Conducted: Hydrostatic Pneumatic Non-Operating Press. Other Exempt

Pressure 2155 psig Test Temp. NAT. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST No. 312-549

(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]  
Owner or Owner's Designee, Title

QA SPEC.

Date

MAR 11 2002

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 VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 2-10-01 to 3-30-02; 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 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]  
Inspector's Signature

Commissions

VA558

National Board, State, Province and Endorsements

Date 3-30 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 12-18-01  
Sheet 1 of 1

2. Plant Address: OCONEE NUCLEAR STATION  
7800 ROCHESTER HWY, SENEGA, 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 #: 98444827  
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 (REACTOR COOLANT) 4. (b) Class of System: 1

5. (a) Applicable Construction Code: ASME III 1994 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 <u>BOLTING + SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CRDM NOZZLE NO. 29</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u>
B						<u>Repaired, Replaced, Replacement</u>	<u>3/11/02 No</u>
C						<u>Repaired, Replaced, Replacement</u>	<u>No</u>
D						<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
E						<u>Repaired, Replaced, Replacement</u>	<u>No</u>
F						<u>Repaired, Replaced, Replacement</u>	<u>No</u>

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.

(8EA-1 1/8" BOLTS + 1 SPLIT RING SET)

7. Description of Work REPLACED BOLTING & SPLIT RINGS ON CRDM FLANGE ON NOZZLE No. 29 @ LOCATION M-05.

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

Pressure 2155 psig Test Temp N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST No. 314-579

(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 NA  
Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] RA SPEC Date MAR 11 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 Province of V.I.S.P.A and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-10-01 to 3-30-02; 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 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 V.I.S.P.A  
Inspector's Signature National Board, State, Province and Endorsements

Date 3-30-02

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 12-18-01  
Sheet 1 of 1

2. Plant Address: OGONEE NUCLEAR STATION  
7800 ROCHESTER HWY, SENEGA, S.C. 29672

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98444761  
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 (REACTOR COOLANT) A., (b) Class of System: 1

5. (a) Applicable Construction Code: ASME II 1974 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 <u>BOLTING &amp; SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CRDM NOZZLE No. 26</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u>
B						<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
C						<u>Repaired, Replaced, Replacement</u>	<u>No</u>
D						<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
E						<u>Repaired, Replaced, Replacement</u>	<u>No</u>
F						<u>Repaired, Replaced, Replacement</u>	<u>No</u>

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.

(8EA-1 1/8" BOLTS & 1 SPLIT RING SET.)

7. Description of Work REPLACED BOLTING & SPLIT RINGS ON CRDM FLANGE ON NOZZLE NO. 26 @ LOCATION E-05.

8. Test Conducted: Hydrostatic  Pneumatic  Non-Operating Press.  Other  Exempt

Pressure 2155 psig Test Temp. N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST No. 311-579

(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 SEC. Date MAR 11 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-16-01 to 3-30-02 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 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 VA 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-30-2002

**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 28201-1008

1a. Date 12-18-01  
Sheet 1 of 1

2. Plant Address: OGONEE NUCLEAR STATION  
2800 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 28201-1008

3a. Work Order #: 98444822  
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 (REACTOR COOLANT) (b) Class of System: 1

5. (a) Applicable Construction Code: ASME III 1974 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	<u>BOILING &amp; SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CRDM NOZZLE NO. 31</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
B							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>

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.

(3 EA. - 1 1/8" BOLTS & 1 SPLIT RING SET.)

7. Description of Work REPLACED BOLTING & SPLIT RINGS ON CRDM FLANGE NOZZLE NO. 31 @ LOCATION D-10.

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

Pressure 255 psig Test Temp. N.O.T.°F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_°F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_°F

9. Remarks TEST NO 31L-579

(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] Date MAR 11 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-16-01 to 3-30-02, 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 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 VA 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-30-2002

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 12-18-01  
Sheet 1 of 1

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98446337  
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 (REACTOR COOLANT) (b) Class of System: 1

5. (a) Applicable Construction Code: ASME II 1994 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	<u>BOLTING + SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CRDM NOZZLE No. 27</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
B						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>	
C						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>	
D						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>	
E						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>	
F						<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>	

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.

(BEA-1 1/8" BOLTS & 1 SPLIT RING SET.)

7. Description of Work REPLACED BOLTING & SPLIT RINGS ON CRDM FLANGE ON NOZZLE NO. 27 @ LOCATION E-11.

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

Pressure 2155 psig Test Temp. N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST No. 312-579

(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 MAR 11 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 Province of VIRGINIA and employed by HSBI and I Company of Fairfax, Connecticut have inspected the components described in this Owner's Report during the period 1-31-00 to 3-30-02; 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 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.

Inspector's Signature [Signature] Commissions 17558  
National Board, State, Province and Endorsements  
Date 3-30 2002

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

1a. Date 1-2-02  
Sheet 2 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  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98353722  
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: LPSW (LOW PRESSURE SERVICE WATER)  
(b) Class of System: 2

5. (a) Applicable Construction Code: ANSI B31.1 7/67 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	<u>BOLTING</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>12/77</u>	<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
B							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>Yes</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u>

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.

(4-5/8" STUDS EACH SIDE)

7. Description of Work REPLACED BOLTING ON 3AZ R.C.P. UPPER BEARING OIL COOLER INLET & OUTLET LPSW FLANGES.

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

Pressure 2155 psig Test Temp. N.O.T.F  
 Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
 Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks

TEST # 31L-579

(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.  
 Owner or Owner's Designee, Title

Date

MAR 11, 2002

**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 11-14-01 to 3-29-02, 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 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]  
 Inspector's Signature

Commissions

VA558

National Board, State, Province and Endorsements

Date 29 March 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 3-27-02

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 # 98443583-01  
 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 # \_\_\_\_\_

4. Identification of System High Pressure 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	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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') of 3/4" threaded rod + (12) 3/4" Nuts on 3HP-121  
body to bonnet connection

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 Reference PIP 0-01-4578

---



---



---

(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 Altoos / QC Specialist  
 Owner or Owner's Designee, Title

Date 3-27-02

### 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 HOB CT have inspected the components described in this Owner's Report during the period 11-16-01 to 3-27-02; 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.

W. Du E. [Signature]  
 Inspector's Signature

Commissions VA 958  
 National Board, State, Providence and Endorsements

Date 3-27-02

**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 3-27-02

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 # 98362095-01  
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 # \_\_\_\_\_

4. Identification of System High Pressure 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	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 (30") of 5/8" threaded rod + (8) 5/8" nuts on 3HP-19 body to bonnet connection.

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 Reference PIP 0-01-4578

(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 Altoos / QC Specialist  
Owner or Owner's Designee, Title

Date 3-27-02

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 ASPECT have inspected the components described in this Owner's Report during the period 11-15-01 to 3-27-02; 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.

Walter  
Inspector's Signature

Commissions V4558  
National Board, State, Providence and Endorsements

Date 3-27-02

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 12-18-01  
Sheet 1 of 1

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

2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

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

3a. Work Order #: 98444775  
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 (REACTOR COOLANT) 4., (b) Class of System: 1

5. (a) Applicable Construction Code: ASME III 1974 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	<u>BOLTING &amp; SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CRDM NOZZLE No. 51</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>3/11/02</u> <u>Yes</u>
B							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u> <u>Yes</u>

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.

(BEA. - 1 1/8" BOLTS & 1 SPLIT RING SET)

7. Description of Work REPLACED BOLTING & SPLIT RINGS ON CRDM FLANGE ON NOZZLE No: 51 @ LOCATION C-11.

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

Pressure 2155 psig Test Temp. N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST No. 312-579

(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 MAR 11, 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 3-10-02 to 3-30-02 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 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 [Signature] VA 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-30-2002

**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 3-27-02

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 # 98364856-01  
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 # \_\_\_\_\_

4. Identification of System Low Pressure Service Water 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	N/A	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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) 5/8" bolting + (16) 5/8" Nuts on 3LPSW-7 body / bonnet connection.

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 Reference PIP 0-02-00313

(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. Roberts / QC Specialist  
Owner or Owner's Designee, Title

Date 3-27-02

### 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 HSB CT have inspected the components described in this Owner's Report during the period 11-15-01 to 3-27-02; 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.

William S. [Signature]  
Inspector's Signature

Commissions VAS58  
National Board, State, Providence and Endorsements

Date 3-27-02

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 28201-1008
2. Plant Address: OCONEE NUCLEAR STATION  
7800 ROCHESTER HWY, SENECA, S.C. 29672
- 2a. Unit: 1 2  Shared (specify Units \_\_\_\_\_)

1a. Date 1-2-02  
Sheet 1 of 1

3. Work Performed By: Duke Power Company  
Address: 526 S. Church Street, Charlotte NC 28201-1008

3a. Work Order #: 98353704  
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: ASME III 1974 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	<u>QUICK VENT CLOSURE INSERT</u>	<u>BFW</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u>
B	<u>ASSEMBLY</u>						<u>Repaired, Replaced, Replacement</u>	<u>No</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u>

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 QUICK VENT CLOSURE INSERT ASSEMBLY No. 33.

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

Pressure 2226 psig Test Temp. NOT °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] Date 04-03-02  
 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 VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-12-01 to 4-4-02; 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 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 VA 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 4-4-2002

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 12/18/01  
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 #: 98377152-07  
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: Reactor Coolant

4. (b) Class of System: \_\_\_\_\_

5. (a) Applicable Construction Code: 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	Valve 3RC-66	Dresser	BL08903	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

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 in valve 3RC-66

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

Pressure 2155 psig Test Temp. NOT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST # 31L579

(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] OR SPEC. Date MAR 11, 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-12-01 to 3-18-02; 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.

[Signature] Commissions VA 558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-13-2002

FORM NIS-2 OWNERS 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 12-18-01  
Sheet 1 of 1

2. Plant Address: OCONEE NUCLEAR STATION  
7800 ROCHESTER HWY, SENEGA, 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 #: 98444769  
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 REACTOR COOLANT, (b) Class of System: 1

5. (a) Applicable Construction Code: ASME III 1994 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	<u>BOLTING &amp; SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CRDM NOZZLE NO. 39</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>(No) 3/1/02</u>
B							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u>
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u>

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: (8 EA. - 1 1/8" BOLTS + 1 SPLIT RING SET.)  
REPLACED BOLTING & SPLIT RINGS ON CRDM  
FLANGE NOZZLE NO. 39 @ LOCATION C-09.

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

Pressure 2155 psig Test Temp N.O.T. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST NO. 314-579

(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 MAR 11 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 Province of VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-10-01 to 3-30-02 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 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 VA558  
 Inspector's Signature National Board, State, Province and Endorsements

Date 3-30-2002

**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 6/23/03

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

Sheet 1 of 1

2a. Unit  1  2  3  Shared (specify Units \_\_\_\_\_)

3a. Work Order # 98518390-01  
 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 # \_\_\_\_\_

4. Identification of System High 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	1974	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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) 5/8" studs & nuts on body/bonnet connection on 2 1/2" valve 3HP-57

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

N/A

(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 Al Johnson / OC Specialist  
Owner or Owner's Designee, Title

Date 6/23/03

### 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 HSBCT have inspected the components described in this Owner's Report during the period 6-30-03 to 6-30-03; 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.

Donnae Ritches-Slaughter Commissions  
Inspector's Signature

NC1169 ABNI  
National Board, State, Providence and Endorsements

Date 6-30-03

**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 28201-1008**

1a. Date 6-24-03

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 # 98365305-01  
 Repair Organization Job # \_\_\_\_\_

3. Work Performed By **Duke Power Company**  
 Address **526 S. Church Street, Charlotte, NC 28201-1008**  
 Type Code Symbol Stamp **N/A** Authorization No. **N/A** Expiration Date **N/A**

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	Valve 3LP-22	Powell	N/A	N/A	N/A	N/A	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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.

pt 6/24/03

7. Description of Work Replaced disc, <sup>24</sup>(48) 1" studs and (48) 1" nuts in 14" 3LP-22  
PI 5/21/03

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 Reference PIP O-03-3033

(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 Al Johnson / QC Specialist  
Owner or Owner's Designee, Title

Date 6/24/03

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 6-30-03 to 6-30-03; 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.

Donna R. Slaughter  
Inspector's Signature

Commissions NC1169 AB/RT

National Board, State, Providence and Endorsements

Date 6-30-03

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
2. Plant Address: OCONEE NUCLEAR STATION  
7800 ROCHESTER HWY, SENECA, S.C. 29672
- 2a. Unit: 1 2  3 Shared (specify Units \_\_\_\_\_)

1a. Date 12-18-01  
Sheet 1 of 1

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

3a. Work Order #: 98444776  
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: ASME III 1994 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 Name of Component	Column 2 Name of Mfg.	Column 3 Mfg. Serial No.	Column 4 National Board No.	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (Yes or No)
A	<u>BOLTING &amp; SPLIT RINGS</u>	<u>FRAMATOME</u>	<u>NA</u>	<u>NA</u>	<u>CRDM NOZZLE No. 02</u>	<u>NA</u>	<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
B							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
C							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
D							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
E							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes
F							<u>Repaired, Replaced, Replacement</u>	<u>No</u> Yes

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.

(8 EA 1 1/8" BOLTS & 1 SET OF SPLIT RINGS.

7. Description of Work REPLACED BOLTING & SPLIT RINGS ON CRDM FLANGE ON NOZZLE NO. 02 @ LOCATION G-07.

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

Pressure 2262 psig Test Temp. NAT °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] Date 04-03-02  
 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 VIRGINIA and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 1-31-00 to 4-5-02; 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.

[Signature] Commissions VA B58  
 Inspector's Signature National Board, State, Province and Endorsements

Date 4-5-2002

**FORM NIS-2 OWNER'S REPORT - JR 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 6/24/03

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 \_\_\_\_\_)~~  
PL 6/24/03

3a. Work Order # 98382640-01  
 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 # \_\_\_\_\_

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	Valve 3LP-20	Powell	N/A	N/A	N/A	N/A	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes



**FORM NIS-2 OWNER'S REPORT - OR 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 6/17/03

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 # 98534602-01  
 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 # \_\_\_\_\_

4. Identification of System High 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	1974	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 <sup>(8)</sup> Replaced inlet <sup>(8)</sup> + outlet nuts on 2" x 3" valve 3HP-79

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 N/A

(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 Albert / OC Specialist  
Owner or Owner's Designee, Title

Date 6/17/03

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 7-1-03 to 7-1-03; 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.

Nancy Chitcher Slaughter  
Inspector's Signature

Commissions NC1169 ABNI  
National Board, State, Providence and Endorsements

Date 7-1-03

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 28201-1008

1a. Date 04/18/01  
Sheet 1 of 4

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 28201-1008

3a. Work Order #: 98362574  
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: RCS 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME Section III, 1965 Edition, Summer 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	Unit 3 Reactor Vessel Head	Babcock + Wilcox, Co	620-0009-51-52	N-125	Nozzle #50	1971	Repaired, Replaced, Replacement	No <u>Yes</u>
B					1 BWL 5/11/2003		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

\* See Remarks on 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 Remove crack like indications from end of CRDM nozzle + J-groove weld. Replace weld and nozzle end to extent possible

8. Test Conducted: Hydrostatic Pneumatic Norm. Operating Press. Other Exempt  
Pressure ≥ 2200 psig Test Temp. ≥ 500°F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_°F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_°F  
Reference work order 98337322 Task-06 for documentation of hydrostatic test.

9. Remarks  
Work performed to ASME Section III, 1989 edition, no addenda and ASME Section II, Subsection IWA + IWB, 1992 edition, no addenda. Three Request for Alternatives were submitted + approved, 1) use Alloy 610 material in lieu of Alloy 600, 2) use alternate NDE, + 3) exceed 3/8" excavation limit for Temper Bead repairs.  
(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 Basil W. Camy Date 04/18/01  
Owner or Owner's Designee, Title Senior Engr.

Basil W. Camy 05/01/2013

**CERTIFICATE OF INSERVICE INSPECTION**  
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Georgia and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 5/3/01 to 4/27/02; 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 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.  
Inspector's Signature [Signature] Commissions IA-36D NIC  
National Board, State, Province and Endorsements  
Date 4/27/03

p.o.c. [Signature] 5/01/03 accepted chyes -

FORM N-1A MANUFACTURERS' DATA REPORT FOR NUCLEAR VESSELS  
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only  
620-0009-51-52 As required by the Provisions of the ASME Code Rules

1. Manufactured by Babcock & Wilcox Co. Mt. Vernon, Indiana  
(Name and address of Manufacturer)  
Oconee Nuclear Power Station  
 2. Manufactured for Duke Power Co. Courtenay, South Carolina  
(Name and address of Purchaser)  
 3. Type Reactor Vessel No. 620-0009-51-52 Mod. Ed. No. 8-125 Year Built 1971  
(ASME Code Section) (ASME Code Section) (Date)  
 (+) See "Remarks" Pg. 2  
 4. Applicable ASME Code: Section III, Edition 1965 Addenda date summer-1967 (+) Case No. 6-30-67  
A508-64-2-1332-3 min. 168 3/8" ID 13  
 5. Shell Material T.S. 80,000 min. 1/8" Cor. Allow 0 in. Diam. 171 3/8" ID 38 1/2 x 16  
(ASME Code Section) (ASME Code Section)  
 6. Seam: Long none H.T. - Y.R. - Efficiency -  
 7. Heads: (a) Material See Supplemental Sheet #2 for item #6 material No. of Courses 5  
(ASME Code Section) (ASME Code Section)  

Location (Top, Bottom, etc.)	Thickness	Cor. Radius	Elliptical Ratio	Conical Angle (Deg.)	Reinforcement (Plate, Ring, etc.)	Reinforcement Diameter (ASME Code Section)	Reinforcement Spacing (ASME Code Section)
(a) Top	6.625				8 1/2 IR		concave
(b) bottom	5.000				8 1/2 IR		concave

 8. Design pressure: 2500 psi at 650 °F Max temp. of 40 °F  
(ASME Code Section) (ASME Code Section) (ASME Code Section)  
 9. Safety or Relief Valve Outlets: Number none Size - Location -  
 10. Nozzles:  

Purpose (Gate, Outlet, Drain)	Number	Class or Size	Type	Material	Thickness	Reinforcement Material	How Attached
See Supplemental Sheet #2 for item #9							

 11. Inspection Holes: No. none Size - Location -  
 Opening Holes: No. none Size - Location -  
 Threaded: No. none Size - Location -  
 12. Supports: Skirt Yes Legs - Other - Attached Welded to bottom head  
(Yes or No) (Number) (Number) (Describe) (When & How)  
 13. Remarks: A. Class A reactor vessel. Contents: water.  
B. See Supplemental Sheet #2 for additional remarks.

Official description of purpose of the vessel—State contained in Part of Heat Treated.  
 List code, internal or external pressure with coincident temperature when applicable.  
 We certify that the statements made in this report are correct and that this nuclear vessel conforms to the rules of construction of the ASME Code, Section III.  
 Date 8-10 19 71 signed Babcock & Wilcox Co. Project Engineer, MFGD  
(Manufacturer) (When & How)  
 Certificate of Authorization Expires Component Engineering

**CERTIFICATION OF DESIGN**  
 Design information on file at Babcock & Wilcox Co. Barberton, Ohio  
 Stress analysis report on file at Babcock & Wilcox Co. Barberton, Ohio  
 Design specifications certified by Glenn J. Snyder Prof. Eng. State VA Reg. No. 2235  
 Stress analysis report certified by Royal M. Douglass Prof. Eng. State Ohio Reg. No. 16236

**CERTIFICATE OF SHOP INSPECTION**  
 VESSEL MADE BY Babcock & Wilcox Co. Mt. Vernon, Indiana  
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of - and employed by Hartford, S.B.I. & I. Co. of Hartford, Connecticut  
 have inspected the pressure vessel described in this manufacturer's data report on 6-17-71, and  
 state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the ASME Code Section III.  
 By signing this certificate to the Inspector or his employer makes my warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.  
 Date 6-17-71  
R. J. [Signature] Commission NR 43864  
(Inspector's Signature) (National Board, State, Province and No.)



**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 6/30/03

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 # 98546250-01  
 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 # \_\_\_\_\_

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	1974	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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" bonnet <sup>pt 6/30/03</sup> nuts on 6" 3FDW-345 valve.

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 N/A

---



---



---

(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 Al Johnson / OC Specialist  
Owner or Owner's Designee, Title

Date 6/30/03

### 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 HSBCT have inspected the components described in this Owner's Report during the period 7-1-03 to 7-1-03; 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.

Nancy C Ritchie Slaughter  
Inspector's Signature

Commissions NC 1169 ABNI  
National Board, State, Providence and Endorsements

Date 7-1-03

**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 05-21-03

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

Sheet 1 of 1

2a. Unit  1  2  3  Shared (specify Units \_\_\_\_\_)

3a. Work Order # 98598039-01  
 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

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 SR 3-01A-0- 2481B-H2B	GRINNELL	33075	N/A	N/A	N/A	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B SNUBBER ON SR 3-01A-0- 2481B-H2B	GRINNELL	35308	N/A	N/A	2003	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes



**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 5-22-03

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 # 98596540-01  
 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 # \_\_\_\_\_

4. Identification of System Main Steam Class 2

5. (a) Applicable Construction Code B31.7 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	X PH 5/22/03 Bolting	N/A	N/A	N/A	N/A	1967	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 (40) 1 1/4" nuts and (20) 1 1/4" studs on 12" 3MS-155 body/bonnet

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 Altoob / QC Specialist  
Owner or Owner's Designee, Title

Date 5-22-03

#### 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 ASACT have inspected the components described in this Owner's Report during the period 5/22/03 to 5/22/03; 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]  
Inspector's Signature

Commissions NC/AT&T/NBAC  
National Board, State, Providence and Endorsements

Date 5/22/03

**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 28201-1008**

1a. Date 5-26-03

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 # 98429578-15  
 Repair Organization Job # \_\_\_\_\_

3. Work Performed By **Duke Power Company**  
 Address **526 S. Church Street, Charlotte, NC 28201-1008**  
 Type Code Symbol Stamp **N/A** Authorization No. **N/A** Expiration Date **N/A**

3b. NSM or MM # OE-16472

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	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 (36") 3/4" threaded rod + (16) 3/4" nuts on inlet flange of 8" 3LP60/61 valve.

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 N/A P14 5/26/03

(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. H. Smith / QC Specialist  
Owner or Owner's Designee, Title

Date 5-26-03

### 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 HSBC have inspected the components described in this Owner's Report during the period 5/27/03 to 5/28/03; 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]  
Inspector's Signature

Commissions NC / AAA / NIBAC  
National Board, State, Providence and Endorsements

Date 5/28/03

**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 5-13-03

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 # 98361821  
 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 MMA # 15,908

4. Identification of System LOW PRESSURE INJECTION Class 2

**\*\* ASME III 1989 EDITION.**

5. (a) Applicable Construction Code ASME III 19 89 Edition, 90 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. 3 LP-16	CRANE	29884	NA	UTC No. 1054950	2001	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B	VLV. 3 LP-16	POWELL	58150	NA	NA	NA	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
* C	PIPING	D.P. Co.	NA	NA	NA	12/74	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 VALVE 3LP16 & PIPING

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

Pressure 285 psig Test Temp. NAT. °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks TEST # 32 FRN-592

(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 Lynn M. McMillan QA SOEC.  
Owner or Owner's Designee, Title

Date JUNE 11, 2003

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 HSBCT have inspected the components described in this Owner's Report during the period 6-30-03 to 7-7-03; 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.

Nancy C. Rotter Slaughter  
Inspector's Signature

Commissions NC1169 AB NI  
National Board, State, Providence and Endorsements

Date 7-7-03

**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 5-19-03  
 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 # 98361811-01  
 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 # 15406

4. Identification of System LOW PRESSURE INJECTION Class 2 **\*\* ASME III 1989 EDITION.**

5. (a) Applicable Construction Code \*ASME III 1990<sup>89</sup> Edition, 90 **NA** Addenda, 90 **NA** **NA** 2 **NA** 070703 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.) 2 **NA** 070703

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. 3LP-15	W.M. POWELL	58150	NA	N/A	NA	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
* B	VLV. 3LP-15	CRANE	C9883	NA	UTC No. 1054949	2001	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
* C	PIPING	D.P. CO.	NA	NA	NA	12/74	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes



**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 5-16-03  
 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 \_\_\_\_\_)

3a. Work Order # 98078987-23  
 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 # 13632

4. Identification of System SPENT FUEL Class 2

5. (a) Applicable Construction Code ASME II 1983 Edition, W/SUMMER 1984 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. 3SF-61	VELAN	012057	NA	UTC # 1033761	2001	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B PIPING (BMR) WELD.# 3-SF-0118	D.P.CO. BMR-1	NA	NA	NA	12/74	<input checked="" type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 ADDED VLV. 35F-61 TO SYS. & MADE BMR-1 ON 8" PIPE.

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

Pressure 180 psig                      Test Temp. N.O.T. °F  
 Pressure \_\_\_\_\_ psig                      Test Temp. \_\_\_\_\_ °F  
 Pressure \_\_\_\_\_ psig                      Test Temp. \_\_\_\_\_ °F

9. Remarks TEST NO. 32 HR-598

---



---



---

(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 MAY 20, 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 USA CT have inspected the components described in this Owner's Report during the period 2/27/01 to 5/29/03; 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/ART/NTAB  
Inspector's Signature                      National Board, State, Providence and Endorsements

Date 5/29/03



#012057

ASME SECTION III  
VALVE DATA PACKAGE INDEX

CUSTOMER : DUKE ENERGY CORPORATION ORDER No. ON40903

VELAN ORDER : P012-927410-N ITEM: 5/10 FIGURE No. B15-1064C-13AA

VALVE DESCRIPTION : 8"-300# BB S/S Cast Gate Valve (1-pc) N-CLASS: 2

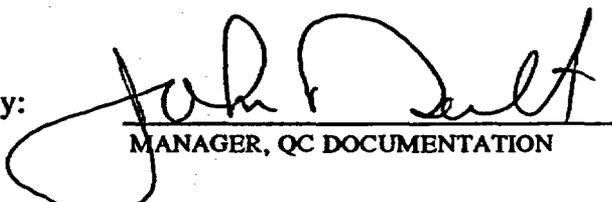
Tag: <i>DMV-1295</i>	Duke Item: <i>DMV-1295</i>	VLV (S/N: <i>#012057</i> )
----------------------	----------------------------	----------------------------

	Page
1. Velan's Certificate of Compliance (Form QAM-09-01)	<u>2</u>
2. ASME Code Data Report NPV-1	<u>3-4</u>
3. Hydrostatic Test Report (Form QAM-09-05)	<u>5-7</u>
4. Electric Motor Actuator Report (Form QAM-09-06)	<u>N/A</u>
5. Pneumatic Actuator Report (Form QAM-09-07)	<u>N/A</u>
6. NDE Report (Form QAM-09-04)	<u>8-25</u>
7. Wall Thickness Report	<u>26-27</u>
8. CMTR and C of C, as applicable	
a. Body (RT: Z1771)	<u>28-29</u>
b. Bonnet (RT: Z1742)	<u>30-31</u>
c. Wedge (RT: Z1739)	<u>32-33</u>
d. Bolting (Studs/Nuts) - Certificate of Compliance)	<u>34</u>
e. Stem	<u>35</u>
f. Hardface / Weld Filler Materials	<u>36-41</u>
9. Velan EI-117 / Material Change Request	<u>42-43</u>
10. Major Weld Repair Reports	<u>44-46</u>
11. Duke Power Form #930.1A	<u>47</u>

The records contained herein have been reviewed and approved for completeness and accuracy. These records are considered as valid Quality Assurance Records and have been transmitted to the Owner.

Date : May 3, 2001

By:

  
MANAGER, QC DOCUMENTATION

# VELAN #012057 CERTIFICATE OF COMPLIANCE

REVISED/CORRECTED\*

PAGE 2

Customer: DUKE ENERGY CORPORATION Velan Order: P012-927410-N Item: 5/0010  
 Order No. ON40903 / DUKE ITEM: DMV-1295 Description: 8"-300# BB GATE VALVE CAST; G/O  
 Design Spec: \*OSS-0245.00-00-004 Rev.2 Figure No.: B15-1064C-13AA  
 Code Edition: SEC.III EDITION 1983 ADDENDA: S - 84 Code Class: 2 Qty: 1  
 Dwg. No. P012-927410-N01 Rev.: C Tag No.: DMV-1295

## QC/CHECK LIST - DOCUMENTATION / NDE

COMPONENT	S/N / (RT #)	HEAT / (n)	MATERIAL SPEC	CMTR	PT	MT	UT	RT
BODY	132335-1 / *Z1771	F11102	SA-351 CF8M	X	X			X
BONNET	15376 / *Z1742	E86387	SA-351 CF8M	X	X			X
WEDGE	6151 / *Z1739	E86026/Code OCV	SA-351 CF8M	X				X
STEM	2CNW	4287H	ASTM-479 S/S 316	X	X			
STUDS		T38730	SA-193 GR-B8M	"C of C ATTACHED"				
NUTS		57538	SA-194 GR-8M	"C of C ATTACHED"				
WELDS		D84575A	SFA5.9 ER316L	X	X			
WELDS		D82781A	SFA5.9 ER316L	X	X			
HARDFACING		3000505-1	SFA5.13 RNiCr-B	X	X			
HARDFACING		3000902-1	SFA5.13 RNiCr-A	X	X			
HARDFACING		600208; 2K-2018	SFA5.13 RniCr-A	X	X			

The above valve(s) were manufactured in accordance with (  )

- |   |   |              |              |
|---|---|--------------|--------------|
| 1. <input checked="" type="checkbox"/> Certificate of Authorization | N2797-2(N)  | Expiry date: | 20 APR. 2004 |
| 2. <input checked="" type="checkbox"/> Corporate QAM Revision       | 9   | Dated:       | 14 MAR. 2001 |
| 3. <input checked="" type="checkbox"/> 10CFR 50 Appendix B          | 7. <input type="checkbox"/> VEL-QC-155, Rev. 17   | Dated:       | 24 JUNE 1998 |
| 4. <input checked="" type="checkbox"/> 10CFR Part 21.               | 8. <input type="checkbox"/> VEL-QCI-1123, Rev. 11   | Dated:       | 11 AUG. 2000 |
| 5. <input checked="" type="checkbox"/> ASME/ANSI B16.34             | 9. <input type="checkbox"/> VEL-QC-900, Rev. 9  | Dated:       | 14 JAN.2000  |
| 6. <input type="checkbox"/> Pump & Valve Code                       | 10. <input checked="" type="checkbox"/> *VEL-P-828 Rev.3; VEL-P-688 Rev.4;<br>ASME SEC.II CODE EDITION 1989 ADDENDA: NONE |              |              |

We hereby certify that all valve(s) described above are in compliance with purchase order and specification requirements. The test reports represent the actual attributes of the items furnished and test results are in full compliance with applicable specification and purchase order requirements. NDE indicated has been performed by personnel qualified in accordance with contract, Code and Design Specification requirements. Leachable Chlorides content: Less than 200ppm.

*[Signature]*  
 QC Documentation Manager

DUKE POWER COMPANY  
 QA RECORDS APPROVED  
*[Signature]* 9/18/01  
 QA REPRESENTATIVE  
 DATE: 9-18-01



8. Design conditions: 720 (pressure) psi 100 (temperature) °F or valve pressure class 300# (1)

9. Cold working pressure 720 psi at 100°F

10. Hydrostatic test 1125 (Shell) psi. Disk differential test pressure N/A psi

11. Remarks: NOTE LINE #5, page-1: EXCEPT MATERIAL SPEC. SUPPLIED IS TO ASME SEC. II PART-A; CODE EDITION 1989, ADDENDA: NONE.

**CERTIFICATION OF DESIGN**

Design Specification certified by R.L. WILLIAMS P.E. State NC, USA Reg. no. #8010  
 Design Report certified by S. ITSBITSKY P.E. State QUE., CANADA Reg. no. #2211

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N2797-2 (N) Expires APRIL 20, 2004

Date May 04/04 Name VELAN INC. Signed [Signature]  
 (N Certificate Holder) (authorized representative)

**CERTIFICATE OF 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 QUEBEC and employed by REGIE DU BATTIMENT DU QUEBEC of QUEBEC have inspected the pump, or valve, described in this Data Report on 01/05/04, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data 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.

Date 01/05/04 Signed [Signature] Commissions Que 8029 (E1)  
 (Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)

(1) For manually operated valves only.

**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 6-4-03  
 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 # 98549463  
 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 LOW PRESSURE SERVICE WATER Class 2

5. (a) Applicable Construction Code ANSI B31.1 1998 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	PPING	D.P. Co.	NA	NA	NA	12/74	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
E							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
F							<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 CUTOOUT & REPLACED 3' OF 8" LPSW PIPING.

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

Pressure <u>118</u> psig	Test Temp. <u>NOT</u> °F
Pressure _____ psig	Test Temp. _____ °F
Pressure _____ psig	Test Temp. _____ °F

9. Remarks \_\_\_\_\_

TEST No. 32 HR 1085

(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 Louie M. Mammill DA OPEC  
Owner or Owner's Designee, Title

Date JUNE 4, 2003

### 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 6-4-03 to 6-5-03; 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.

Nancy Pritchard Slaughter Commissions  
Inspector's Signature

NC1169 ABNI  
National Board, State, Providence and Endorsements

Date 6-5-03

**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 5-13-03  
 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 # 98404940  
 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 HIGH PRESSURE INJECTION Class 2

\* ANSI B31.7 AUG. 1969

5. (a) Applicable Construction Code SEE ATTACHED C O F C 19 NA 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	ORIFICE ASSEMBLY	INGERSOLL DRESSOR	99SBU2713-72	NA	UTC 101457/99	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B	ORIFICE ASSEMBLY	FLOWSERVE CORP.	LOT. NO RLSA04180	NA	UTC No. 1055917 2003	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	—		TAG No. 439460-1			<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
D	ORIFICE ASSEMBLY	NA	98P9135T	NA	NA	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
* E	PIPING	D.P. CO.	NA	NA	NA	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
F						<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> 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 FLOW ORIFICES ON 3B HPI Pump RECIRC. LINE.

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

Pressure 3000 psig Test Temp. NAT °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F  
Pressure \_\_\_\_\_ psig Test Temp. \_\_\_\_\_ °F

9. Remarks PERFORMED SYS. LEAK TEST & NDE PER ASME SECT. III CODE CASE N-416-1.

TEST No. 32FR-680

(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.  
Owner or Owner's Designee, Title

Date JULY 15, 2003

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 HSBCT have inspected the components described in this Owner's Report during the period 2-24-03 to 7-22-03; 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.

Nancy C. Retcher Slaughter  
Inspector's Signature

Commissions NC 1169 AB NI  
National Board, State, Providence and Endorsements

Date 7-22-03

INGERSOLL-DRESSER PUMP CO.  
ENGINEERED PUMP GROUP  
SERVICES BUSINESS UNIT

ASSEMBLY RECORD OF MAJOR  
PUMP COMPONENTS

QCS-270 REV. 2  
DATE: 09/15/96

JOB NUMBER 7039-2713

PO NUMBER 142860

CUSTOMER  
DUKE ENERGY CORP.  
PUMP MFG. INGERSOLL-  
RAND

APPLICABLE CODE  
EDITION \_\_\_\_\_ OF  
ADDENDUM CLASS \_\_\_\_\_

PUMP TYPE 2.5VHTB

PUMP S/N N/A

ITEM NO.	PART NAME	Qty.	DRAWING NUMBER	Part Serial Number	MR Number	Heat Number	Purchase Order Number	Material Specifications	VERIFICATION	
									Hardware	Software
			<del>DW-1-5-00</del>							
1	ORIFICE ASSEMBLY	1	200D438RX1 REV. D	99SBU2713-65				316L	(RD)	(RD)
2	ORIFICE ASSEMBLY	1	200D438TX2 REV. D	99SBU2713-72				316L	(RD)	(RD)
3	ORIFICE ASSEMBLY	1	200D438TX2 REV. D	99SBU2713-73				316L	(RD)	(RD)

Pre Assembly Inspector Date: <u>D. Wendell 12-31-99</u>	ANI Release for Assembly Hardware ( If Required ) Date
Q.A. Release for Assembly ( Hardware ) Date: <u>Dave P. John 12.31.99</u>	ANI Release for Assembly Software ( If Required ) Date
Q.A. Release for Assembly ( Software ) Date: <u>Dave P. John 12.31.99</u>	Assembly Inspector Date:
COMMENTS: QCM/QCS Forms Attached: <u>SEE SUPPLEMENTAL SHEETS DETAILING ASS'S ATT'D</u> Sheet <u>1</u> of <u>1</u>	

JAN 13 '00 22:41 FR INGERSOLL-DRESSER 704 393 7296 TO 18648854001 P.11/31

Copy

FLOWSERVE

ATTN: Tim Dyar \*

LTC # 1055917

Pump Division

2300 E. VERNON AVE., VERNON, CA 90058  
CERTIFICATE OF CONFORMANCE/COMPLIANCE

0101m7

\*revised 4/08/2003

DATE: 02/24/2003

CUSTOMER: DUKE ENERGY CORP.

CUSTOMER ORDER NO.: NM11198 ✓

FLOWSERVE JOB NO.: RLCA01264

ORIGINAL SERIAL NO.: 0369-135/6/7, 0370-33/4/5 and 0968-52/3/4

This is to certify that all parts supplied on this order were manufactured, tested and inspected to the specifications and/or drawings specified in your purchase order and meet or exceed quality of parts originally furnished in design, material and workmanship. Parts are equivalent in form, fit and function and are completely interchangeable with the existing/original equipment furnished. The items supplied are in compliance with their applicable material specification.

All the requirements of your purchase order have been complied with in their entirety unless otherwise noted herein.

P.O. LINE ITEM	QTY.	DESCRIPTION	DWG./PART NO.
* 0010	1	ORIFICE ASSY.	200D438RX9 CPM-9428-E479-7
(FLOWSERVE LOT NO.: *RLSA04180) TAG# 439460-1			FLS P/N 06173512 ✓
0030	1	ORIFICE ASSY.	200D438TX2 CPM-9429-E479-7 ✓
(FLOWSERVE LOT NO.: *RLSA04178) TAG# 439461-1			FLS P/N 06173637 ✓
0040	1	ORIFICE ASSY.	CPM-9429-E479-7 ✓
(FLOWSERVE LOT NO.: RLSA04179) TAG# 439461-1			FLS P/N 06173637 ✓

Above parts were produced under our Nuclear O.A. Program. Quality Manual 3rd Ed. Rev. 0 Dated 4/10/02

*David D. Jimenez*  
DAVID D. JIMENEZ, QUALITY ENGINEER  
Flowserve Corporation  
A Unit of Flowserve Corporation  
Pump Division  
2300 E. Vernon Avenue  
CA 90058

Telephone 323 584 1880  
Facsimile 323 586 4188  
www.flowserve.com

**Ingersoll-Dresser Pump Company**

**Engineered Pump Group**

942 Memorial Parkway  
Phillipsburg, NJ 08865

**D**

04 JA 99

Ingersoll-Dresser Pump Company  
(For Duke Oconee Nuclear Station)  
Charlotte Repair Center  
4816 Worth Place  
Charlotte, NC 28216

**SUBJECT: Certificate of Conformance**

**REFERENCE: Customer Order No.:** ON34085  
**Job No.:** 07963067

<u>Item No.</u>	<u>Qty.</u>	<u>Description</u>	<u>Dwg #.</u>	<u>Tag #.</u>
001	1	*Orifice Assembly S/N 99SBU2713-65	CFM-9428 200D438RX9 Rev. B	439460-1
002	2	*Orifice Assembly S/N's 99SBU2713-72/73	CFM-9429 200D438TX2 Rev. B	439461-1

\* Certified Material Test Reports Attached

Ingersoll-Dresser Pump Company, Engineered Pump Group, hereby certifies that the supplies furnished on the above referenced order conform to the contract requirements, including specifications, drawings, packaging, packing and marking, and quality requirements. The refurbished unit is an exact replacement of the original unit and is equal to or better than originally supplied.

These parts are supplied in accordance with Ingersoll-Dresser's ASME B&PV Code Quality Assurance Manual, Rev.20, dated 06/03/98, and dedicated in accordance with EPG Procedure QNE-1.

*Bruce Barberini*  
Bruce Barberini  
Quality Control Technician  
Quality Control Department  
(A24-47)

DUKE POWER COMPANY
QA RECORDS APPROVED
<i>Kathy B. Olson</i>
QA REPRESENTATIVE
DATE 1-21-00

INGERSOLL-DRESSER PUMP CO.  
ENGINEERED PUMP GROUP  
SERVICES BUSINESS UNIT

ASSEMBLY RECORD OF MAJOR  
PUMP COMPONENTS

QCS-270 REV. 2

DATE: 09/15/96

JOB NUMBER 7039-2713

PO NUMBER 142860

CUSTOMER  
DUKE ENERGY CORP.  
PUMP MFG. INGERSOLL-  
RAND

APPLICABLE CODE  
EDITION \_\_\_\_\_ OF  
ADDENDUM CLASS \_\_\_\_\_

PUMP TYPE 2.5VHTB

PUMP S/N N/A

ITEM NO.	PART NAME	Qty.	DRAWING NUMBER	Part Serial Number	MR Number	Heat Number	Purchase Order Number	Material Specifications	VERIFICATION	
									Hardware	Software
			<u>DW-1-5-00</u>							
1	ORIFICE ASSEMBLY	1	200D438RX1 REV. D	99SBU2713-65				316L	(RD)	(RD)
2	ORIFICE ASSEMBLY	1	200D438TX2 REV. D	99SBU2713-72				316L	(RD)	(RD)
3	ORIFICE ASSEMBLY	1	200D438TX2 REV. D	99SBU2713-73				316L	(RD)	(RD)

Pre Assembly Inspector  
Date: D. Wendell 12-31-99

ANI Release for Assembly Hardware ( If Required )  
Date

Q.A. Release for Assembly ( Hardware )  
Date: David P. John 12.31.99

ANI Release for Assembly Software ( If Required )  
Date

Q.A. Release for Assembly ( Software )  
Date: David P. John 12.31.99

Assembly Inspector  
Date:

COMMENTS:  
QCM/QCS Forms Attached: SEE SUPPLEMENTAL SHEETS DETAILING ASS'S ATT'D Sheet 1 of 1

JAN 13 '00 22:41 FR INGERSOLL-DRESSER 704 393 7296 TO 18648854001 P. 11/31

## 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-19 through refueling outage EOC-20. There were no relevant conditions observed during these pressure tests.

<b>Examination Category</b>	<b>Test Requirement</b>	<b>Total Examinations Credited For This Outage</b>
B-E	System Hydrostatic Test (IWB-5222)	1
B-P	System Leakage Test (IWB-5221)	1 <sup>1</sup>
B-P	System Hydrostatic Test (IWB-5222)	5 <sup>1</sup>
C-H	System Inservice/Functional Test (IWC-5221)	6
C-H	System Hydrostatic Test (IWC-5222)	21

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.

<sup>1</sup> A Category B-P hydrostatic test was performed on the Reactor Coolant System. Certain areas could not be hydro tested this outage and those areas received a Category B-P leakage test.

Table 6-2 shows a completion status of pressure tests conducted during the third period of the third ten-year interval

<b>Table 6-2</b>				
<b>Examination Category</b>	<b>Test Requirement</b>	<b>Total Examinations Required For This Period</b>	<b>Total Examinations Credited For This Period</b>	<b>(%) Examinations Complete For This Period</b>
B-E	System Hydrostatic Test (IWB-5222)	1	1	100%
B-P	System Leakage Test (IWB-5221)	1	0 <sup>2</sup>	0%
B-P	System Hydrostatic Test (IWB-5222)	9	5 <sup>2</sup>	55.56%
C-H	System Inservice/Functional Test (IWC-5221)	12	6	50%
C-H	System Hydrostatic Test (IWC-5222)	57	21	36.84%

<sup>2</sup> A Category B-P hydrostatic test was performed on the Reactor Coolant System. Certain areas could not be hydro tested this outage and those areas received a Category B-P leakage test. 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-19 through EOC-20 is included in this section.

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

<b>Zone Number</b>	=	<b>The unique number assigned to track certain systems or portions of systems that make up a pressure test.</b>
<b>Boundary Drawing</b>	=	<b>Detail drawing of pressure test boundary.</b>
<b>Required Test</b>	=	<b>Information that shows the required tests for the examination zone – (L) Leakage Test, (I) Inservice Test, (F) Functional Test, or (H) Hydrostatic Test.</b>
<b>System Name</b>	=	<b>Name of pressure retaining component system</b>
<b>Required Inspection</b>	=	<b>Type of visual examination required.</b>
<b>Required Procedure</b>	=	<b>Required inspection procedure.</b>
<b>Plan Addenda</b>	=	<b>Serial Number of authorized change(s) to the pressure test plan.</b>
<b>ASME Item Number(s)</b>	=	<b>ASME Section XI Tables IWB-2500-1 (Class 1) and IWC-2500-1 (Class 2)</b>
<b>Comments</b>	=	<b>General and/or Detail Description</b>

**Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing**

**Outage 20**

**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
OZ3H-16	O-ISIH-101A-3.4			X	High Pressure Injection	VT-2	QAL-15	O3-PT-012	C7.40 C7.80	None
OZ3H-1A	O-ISIH-100A-3.1			X	Reactor Coolant	VT-2	QAL-15	None	B15.11 B15.31 B15.51 B15.61 B15.71	
	O-ISIH-100A-3.1A			X	CRDM Nozzles & Incore Instrm.	VT-2	QAL-15	None	B4.12 B4.13	
	O-ISIH-100A-3.2			X	Reactor Coolant	VT-2	QAL-15	None	B15.21 B15.51 B15.71	None
	O-ISIH-100A-3.3			X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.61 B15.71	None
	O-ISIH-101A-3.1			X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71 C7.40 C7.80	
	O-ISIH-101A-3.4			X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-102A-3.1			X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-102A-3.3			X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None

**Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing**

**Outage 20**

**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-3.1				X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-110A-3.4				X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
OZ3H-1X	O-ISIH-102A-3.1				X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
OZ3H-98	O-ISIH-102A-3.2				X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-102A-3.3				X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
OZ3H-99	O-ISIH-102A-3.2				X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
	O-ISIH-102A-3.3				X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71	None
OZ3L-1	O-ISIL-100A-3.1	X				Reactor Coolant	VT-2	QAL-15	None	B15.10 B15.30 B15.50 B15.60 B15.70	Class B portion of this zone is to compensate for the required double isolation valve Class A exam.
	O-ISIL-100A-3.2	X				Reactor Coolant	VT-2	QAL-15	None	B15.20 B15.50 B15.70	Class B portion of this zone is to compensate for the required double isolation valve Class A exam. Previously Inspected as Item

**Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing**

**Outage 20**

**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
OZ3L-1										Number B15.050.001	
	O-ISIL-100A-3.3	X			Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.60 B15.70	Previously Inspected as Item Number B15.050.001	
	O-ISIL-101A-3.1	X			Reactor Coolant	VT-2	QAL-15	None	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-101A-3.4	X			Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.70 C7.30 C7.70	Previously Inspected as Item Number B15.050.001	
	O-ISIL-102A-3.1	X			Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.70	Previously Inspected as Item Number B15.050.001	
	O-ISIL-102A-3.2	X			Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.70	Previously Inspected as Item Number B15.050.001	
	O-ISIL-102A-3.3	X			Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.70	Previously Inspected as Item Number B15.050.001	
	O-ISIL-110A-3.1	X			Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.70	Previously Inspected as Item Number	

This Report Was Generated On:  
08/12/2003

**Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing**

**Outage 20**

**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
OZ3L-1											B15.050.001	
	O-ISIL-110A-3.4	X				Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.70	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	

**Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing**

**Outage 20**

**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
IZ3H-14A	O-ISIH-101A-3.3				X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.60 C7.80	None
IZ3H-40	O-ISIH-109A-3.1				X	Purification Demineralizers	VT-2	QAL-15	None	C7.40	None
IZ3L-10	O-ISIL-101A-3.3	X				High Pressure Injection	VT-2	QAL-15	None	C7.30 C7.70	Previously Inspected as Item Number C07.030.003
IZ3L-11	O-ISIL-101A-3.3	X				High Pressure Injection	VT-2	QAL-15	None	C7.30 C7.70	Previously Inspected as Item Number C07.030.003
OZ3H-14B	O-ISIH-101A-3.3				X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None
	O-ISIH-101A-3.4				X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-15	O-ISIH-101A-3.4				X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-16	O-ISIH-101A-3.4				X	High Pressure Injection	VT-2	QAL-15	O3-PT-012	C7.40 C7.80	None
OZ3H-17	O-ISIH-101A-3.2				X	High Pressure Injection	VT-2	QAL-15	O3-PT-001	C7.40 C7.80	None
OZ3H-18	O-ISIH-101A-3.2				X	High Pressure Injection	VT-2	QAL-15	O3-PT-001	C7.40 C7.80	None

Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing

Outage 20

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
OZ3H-19A	O-ISIH-101A-3.5				X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None
	O-ISIH-104A-3.1				X	Spent Fuel Cooling	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-19B	O-ISIH-101A-3.5				X	High Pressure Injection	VT-2	QAL-15	O3-PT-015	C7.30 C7.70	
OZ3H-1A	O-ISIH-101A-3.1				X	Reactor Coolant	VT-2	QAL-15	None	B15.51 B15.71 C7.40 C7.80	
OZ3H-2	O-ISIH-101A-3.1				X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80 D1.12	None
	O-ISIH-101A-3.4				X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80 D1.12	None
	O-ISIH-101A-3.5				X	High Pressure Injection	VT-2	QAL-15	None	C7.80 D1.12	None
OZ3H-3	O-ISIH-101A-3.1				X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-31A	O-ISIH-102A-3.3				X	Low Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-31B	O-ISIH-102A-3.3				X	Low Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None

Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing

Outage 20

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
OZ3H-31C	O-ISIH-102A-3.3				X	Low Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-39	O-ISIH-104A-3.1				X	Spent Fuel Cooling	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-42A	O-ISIH-110A-3.1				X	Chemical Addition	VT-2	QAL-15	None	C7.40	None
OZ3H-42B	O-ISIH-110A-3.1				X	Chemical Addition	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-44	O-ISIH-121D-1.2				X	Emergency Feedwater	VT-2	QAL-15	None	C7.40 C7.80	None
	O-ISIH-110A-3.1				X	Chemical Addition	VT-2	QAL-15	None	C7.40 C7.80	None
	O-ISIH-121B-3.3				X	Feedwater	VT-2	QAL-15	None	C7.40 C7.80 D2.12	None
	O-ISIH-121B-3.5				X	Feedwater	VT-2	QAL-15	None	C7.40 C7.80 D2.12	None
	O-ISIH-121D-3.1				X	Emergency Feedwater	VT-2	QAL-15	None	C7.40 C7.80 D2.12	None
	O-ISIH-122A-3.1				X	Main Steam	VT-2	QAL-15	None	C7.40 C7.80	None

Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing

Outage 20

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
OZ3H-6	O-ISIH-101A-3.1			X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80	None
	O-ISIH-101A-3.2			X	High Pressure Injection	VT-2	QAL-15	None	C7.40 C7.80 D1.12	
	O-ISIH-109A-3.1			X	Purification Demineralizers	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-64	O-ISIH-124B-3.2			X	Low Pressure Service Water	VT-2	QAL-15	None	C7.40 C7.80	None
OZ3H-65	O-ISIH-124B-3.4			X	Low Pressure Service Water	VT-2	QAL-15	None	C7.40 C7.60 C7.80	None
OZ3L-1	O-ISIL-100A-3.1	X			Reactor Coolant	VT-2	QAL-15	None	B15.10 B15.30 B15.50 B15.60 B15.70	Class B portion of this zone is to compensate for the required double isolation valve Class A exam.
	O-ISIL-100A-3.2	X			Reactor Coolant	VT-2	QAL-15	None	B15.20 B15.50 B15.70	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-101A-3.1	X			Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.70	Class B portion of this zone is to compensate for

Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing

Outage 20

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
OZ3L-1										C7.30 C7.70	the required double isolation valve Class A exam. Previously Inspected as Item Number B15.050.001
	O-ISIL-101A-3.4	X			Reactor Coolant	VT-2	QAL-15	None	B15.50 B15.70 C7.30 C7.70	Previously inspected as Item Number B15.050.001	
	O-ISIL-101A-3.5	X			Reactor Coolant	VT-2	QAL-15	None	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-127B-3.2	X			Nitrogen Purge and Blanket	VT-2	QAL-15	None	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.	
OZ3L-21	O-ISIL-102A-3.1		X		Low Pressure Injection	VT-2	QAL-15	None	C7.30 C7.70	Previously inspected as Item Number C07.030.006	
OZ3L-28	O-ISIL-102A-3.2		X		Low Pressure Injection	VT-2	QAL-15	None	C7.30 C7.50	Previously inspected as Item Number	

This Report Was Generated On:  
08/12/2003

**Duke Power Company - Oconee Unit 3  
Pressure Testing Zone Number Listing**

**Outage 20**

**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
OZ3L-28									C7.70	C07.030.007	
OZ3L-7B	O-ISIL-101A-3.3		X			High Pressure Injection	VT-2	QAL-15	None	C7.30 C7.70	Previously Inspected as Item Number C07.030.003
	O-ISIL-102A-3.2		X			Low Pressure Injection	VT-2	QAL-15	None	C7.30 C7.70	Previously inspected as Item Number C07.030.007

## 6.2 Examination Results For This Outage:

The results of each pressure test and associated VT-2 Visual Examination conducted from EOC-19 through EOC-20 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 = 3  
 Class = A

Duke Power Company - Oconee Unit 3  
 Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
OZ3H-16	O-ISIH-101A-3.4	20	Complete	Clear	31fn-622	N/A	06/05/2003
OZ3H-1A	O-ISIH-100A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-100A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-100A-3.2	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-100A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-101A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-101A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-102A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-102A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-110A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-110A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-1X	O-ISIH-102A-3.1	20	Complete	Clear	32fn-683	N/A	04/27/2003
OZ3H-98	O-ISIH-102A-3.2	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-102A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-99	O-ISIH-102A-3.2	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-102A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3L-1	O-ISIL-100A-3.1	20	Partial	Clear	31lm-625 ,class B portions off class one system	N/A	06/06/2003
	O-ISIL-100A-3.2	20	Partial	Clear	31lm-625, class B portions off class A	N/A	06/06/2003

Current Interval = 3  
Current Period = 3  
Class = A

Duke Power Company - Oconee Unit 3  
Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
	O-ISIL-100A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-101A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-101A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-101A-3.5	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-110A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-110A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003

Current Interval = 3  
 Current Period = 3  
 Class = B

Duke Power Company - Oconee Unit 3  
 Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
IZ3H-14A	O-ISIH-101A-3.3	20	Complete	Clear	32fn-629	N/A	05/30/2003
IZ3H-40	O-ISIH-109A-3.1	20	Complete	Clear	32sin-660	N/A	06/03/2003
IZ3L-10	O-ISIL-101A-3.3	20	Complete	Clear	32f-633	N/A	04/26/2003
IZ3L-11	O-ISIL-101A-3.3	20	Complete	Clear	32f-632	N/A	04/26/2003
OZ3H-14B	O-ISIH-101A-3.3	20	Complete	Clear	32fn-629	N/A	05/30/2003
	O-ISIH-101A-3.4	20	Complete	Clear	32fn-629	N/A	05/30/2003
OZ3H-15	O-ISIH-101A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-16	O-ISIH-101A-3.4	20	Complete	Clear	31fn-622	N/A	06/05/2003
OZ3H-17	O-ISIH-101A-3.2	20	Complete	Clear	32sn-628	N/A	06/03/2003
OZ3H-18	O-ISIH-101A-3.2	20	Complete	Clear	32sn-627	N/A	06/03/1903
OZ3H-19A	O-ISIH-101A-3.5	20	Complete	Clear	32fn-630	N/A	06/01/2003
	O-ISIH-104A-3.1	20	Complete	Clear	32fn-630	N/A	06/01/2003
OZ3H-19B	O-ISIH-101A-3.5	20	Complete	Clear	32fn-630	N/A	06/01/2003
OZ3H-1A	O-ISIH-101A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-2	O-ISIH-101A-3.1	20	Complete	Clear	32sn-624	N/A	06/06/2003
	O-ISIH-101A-3.4	20	Complete	Clear	32sn-624	N/A	06/06/2003
	O-ISIH-101A-3.5	20	Complete	Clear	32sn-624	N/A	06/06/2003
OZ3H-3	O-ISIH-101A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-31A	O-ISIH-102A-3.3	20	Complete	Clear	32sn-631	N/A	04/26/2003
OZ3H-31B	O-ISIH-102A-3.3	20	Complete	Clear	32sn-631	N/A	04/26/2003
OZ3H-31C	O-ISIH-102A-3.3	20	Complete	Clear	32sn-631	N/A	04/26/2003
OZ3H-39	O-ISIH-104A-3.1	20	Partial	Clear	32hr-598	N/A	05/18/2003
OZ3H-42A	O-ISIH-110A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003

Current Interval = 3  
 Current Period = 3  
 Class = A

Duke Power Company - Oconee Unit 3  
 Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
OZ3H-16	O-ISIH-101A-3.4	20	Complete	Clear	31fn-622	N/A	06/05/2003
OZ3H-1A	O-ISIH-100A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-100A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-100A-3.2	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-100A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-101A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-101A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-102A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-102A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-110A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-110A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-1X	O-ISIH-102A-3.1	20	Complete	Clear	32fn-683	N/A	04/27/2003
OZ3H-98	O-ISIH-102A-3.2	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-102A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-99	O-ISIH-102A-3.2	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIH-102A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3L-1	O-ISIL-100A-3.1	20	Partial	Clear	31lm-625 Class B portions off Class A	N/A	06/06/2003
	O-ISIL-100A-3.2	20	Partial	Clear	31lm-625 Class B portions off Class A	N/A	06/06/2003
	O-ISIL-100A-3.3	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-101A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-101A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-101A-3.5	20	Complete	Clear	31lm-625	N/A	06/06/2003

Current Interval = 3  
Current Period = 3  
Class = A

Duke Power Company - Oconee Unit 3  
Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
	O-ISIL-110A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-110A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003

Current Interval = 3  
 Current Period = 3  
 Class = B

Duke Power Company - Oconee Unit 3  
 Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
IZ3H-14A	O-ISIH-101A-3.3	20	Complete	Clear	32fn-629	N/A	05/30/2003
IZ3H-40	O-ISIH-109A-3.1	20	Complete	Clear	32sin-660	N/A	06/03/2003
IZ3L-10	O-ISIL-101A-3.3	20	Complete	Clear	32f-633	N/A	04/26/2003
IZ3L-11	O-ISIL-101A-3.3	20	Complete	Clear	32f-632	N/A	04/26/2003
OZ3H-14B	O-ISIH-101A-3.3	20	Complete	Clear	32fn-629	N/A	05/30/2003
	O-ISIH-101A-3.4	20	Complete	Clear	32fn-629	N/A	05/30/2003
OZ3H-15	O-ISIH-101A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-16	O-ISIH-101A-3.4	20	Complete	Clear	31fn-622	N/A	06/05/2003
OZ3H-17	O-ISIH-101A-3.2	20	Complete	Clear	32sn-628	N/A	06/03/2003
OZ3H-18	O-ISIH-101A-3.2	20	Complete	Clear	32sn-627	N/A	06/03/1903
OZ3H-19A	O-ISIH-101A-3.5	20	Complete	Clear	32fn-630	N/A	06/01/2003
	O-ISIH-104A-3.1	20	Complete	Clear	32fn-630	N/A	06/01/2003
OZ3H-19B	O-ISIH-101A-3.5	20	Complete	Clear	32fn-630	N/A	06/01/2003
OZ3H-1A	O-ISIH-101A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-2	O-ISIH-101A-3.1	20	Complete	Clear	32sn-624	N/A	06/06/2003
	O-ISIH-101A-3.4	20	Complete	Clear	32sn-624	N/A	06/06/2003
	O-ISIH-101A-3.5	20	Complete	Clear	32sn-624	N/A	06/06/2003
OZ3H-3	O-ISIH-101A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-31A	O-ISIH-102A-3.3	20	Complete	Clear	32sn-631	N/A	04/26/2003
OZ3H-31B	O-ISIH-102A-3.3	20	Complete	Clear	32sn-631	N/A	04/26/2003
OZ3H-31C	O-ISIH-102A-3.3	20	Complete	Clear	32sn-631	N/A	04/26/2003
OZ3H-39	O-ISIH-104A-3.1	20	Partial	Clear	32hr-598	N/A	05/18/2003
OZ3H-42A	O-ISIH-110A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003

Current Interval = 3  
 Current Period = 3  
 Class = B

Duke Power Company - Oconee Unit 3  
 Pressure Testing VT-2 Examination Results

Zone Number	Boundary Drawing	Outage	Test Status	Test Result	Test Pkg. No.	VT-2 Examiner	VT-2 Date
OZ3H-42B	O-ISIH-110A-3.1	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-44	O-ISIH-121D-1.2	20	Complete	Clear	32sm-655	N/A	06/07/2003
	O-ISIH-110A-3.1	20	Complete	Clear	32sm-655	N/A	06/07/2003
	O-ISIH-121B-3.3	20	Complete	Clear	32sm-655	N/A	06/07/2003
	O-ISIH-121B-3.5	20	Complete	Clear	32sm-655	N/A	06/07/2003
	O-ISIH-121D-3.1	20	Complete	Clear	32sm-655	N/A	06/07/2003
	O-ISIH-122A-3.1	20	Complete	Clear	32sm-655	N/A	06/07/2003
OZ3H-6	O-ISIH-101A-3.1	20	Complete	Clear	32sn-626	N/A	06/03/2003
	O-ISIH-101A-3.2	20	Complete	Clear	32sn-626	N/A	06/03/2003
	O-ISIH-109A-3.1	20	Complete	Clear	32sn-626	N/A	06/03/2003
OZ3H-64	O-ISIH-124B-3.2	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3H-65	O-ISIH-124B-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3L-1	O-ISIL-100A-3.1	20	Partial	Clear	31lm-625 Class B portions off Class A	N/A	06/06/2003
	O-ISIL-100A-3.2	20	Partial	Clear	31lm-625 Class B portions off Class A	N/A	06/06/2003
	O-ISIL-101A-3.4	20	Complete	Clear	31lm-625	N/A	06/06/2003
	O-ISIL-127B-3.2	20	Complete	Clear	31lm-625	N/A	06/06/2003
OZ3L-21	O-ISIL-102A-3.1	20	Complete	Clear	32fn-683	N/A	04/27/2003
OZ3L-28	O-ISIL-102A-3.2	20	Complete	Clear	32f-636, 32fr-635	N/A	06/03/2003
OZ3L-7B	O-ISIL-101A-3.3	20	Complete	Clear	32fm-549	N/A	06/03/2003
	O-ISIL-102A-3.2	20	Complete	Clear	32fm-549	N/A	06/03/2003

**6.3 Reportable Indications:**

None