

INSERVICE INSPECTION REPORT

UNIT 1 OCONEE 1995 REFUELING OUTAGE 16

Location: Hwy 130/183, Seneca, South Carolina 29679

NRC Docket No. 50-269

Commercial Service Date: July 15, 1973

Owner: Duke Power Company
526 South Church St.
Charlotte, N. C. 28201-1006

Revision 0

Prepared By:

R/S Rouse

Date

2/12/96

Reviewed By:

L.C. Keith

Date

2-12-96

Approved By:

J. B. Barbour

Date

2/20/96

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FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTION S

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Power Company, 422 S. Church St., Charlotte, NC 28201-1006
(Name and Address of Owner)
2. Plant: Oconee Nuclear Station, Highway 130/183, Seneca, SC 29679
(Name and Address of Plant)
3. Plant Unit: 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date: July 15, 1973 6. National Board Number for Unit N/A
7. Components Inspected:

[illegible]

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 7/13/94 to 12/10/95 9. Inspection Interval from 7/15/94 to 7/15/2003
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See attached report.
11. Abstract of Conditions Noted. See attached report.
12. Abstract of Corrective Measures Recommended and Taken. See attached report.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI..

Date 2/21 19 96 Signed Duke Power Co. By J. Barlow
Owner

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

CERTIFICATE OF INSERVICE INSPECTION

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 N.C. and employed by *The HSBI&I Co. of Hartford, Conn. have inspected the components described in this Owners Data Report during the period 7-13-94 to 12-10-95 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data 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 Owners' 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 2-26-96 19 96

M.B. Chapman

Inspector's Signature

Commissions NC914

National Board, State, Province and No.

*The Hartford Steam Boiler Inspection & Insurance Co.
200 Ashford Center North
Suite 300
Atlanta Ga., 30338

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Washington, DC 20555

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1.0 General Information

This report describes the Inservice Inspection of Duke Power Company's Oconee Nuclear Station, Unit 1, during the 1995 Refueling Outage (also referred to as Outage 16). Outage 16 is in the first inspection period of the third ten year interval.

Included in this report are the final Inservice Inspection Plan, the inspection results for each item, a summary for each category of examination and corrective action taken when unacceptable conditions were found. In addition, there is a section included for repairs and replacements required since July 13, 1994.

1.1 Identification Numbers

<u>Item</u>	<u>Manufacturer or Installer</u>	<u>Manufacturer or Installer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
Reactor Vessel	Babcock & Wilcox	620-0003-51-52	N/A	N-101
Steam Generator A	Babcock & Wilcox	620-0003-55-1	N/A	N-103
Steam Generator B	Babcock & Wilcox	620-0003-55-2	N/A	N-104
Pressurizer	Babcock & Wilcox	620-0003-59	N/A	N-102

1.2 Authorized Nuclear Inservice Inspector(s)

Name: M. B. Chapman

Employer: The Hartford Steam Boiler Inspection & Insurance Company

Business Address: The Hartford Steam Boiler Inspection & Insurance Co.
200 Ashford Center North
Suite 300
Atlanta, GA 30338

2.0 Summary of Inservice Inspection for Outage 16

The information shown below provides an abstract of ASME Section XI Class 1, Class 2, and Augmented Items scheduled and examined during Outage 16 at Oconee Nuclear Station Unit 1.

2.1 Class 1 Inspection

Examination Category B-A Pressure Retaining Welds in Reactor Vessel

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
B01.010	Shell Welds		
B01.011	Circumferential	0	0
B01.012	Longitudinal	0	0
B01.020	Head Welds		
B01.021	Circumferential	0	0
B01.022	Meridional Welds	NA	NA
B01.030	Shell to Flange Welds	1	1
B01.040	Head to Flange Welds	0	0
B01.050	Repair Welds		
B01.051	Beltline Region	N/A	N/A
TOTALS		1	1

Examination Category B-B Pressure Retaining Welds in Vessels Other than Reactor Vessels

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Pressurizer		
	Shell to Head Welds		
B02.010			
B02.011	Circumferential	2	2
B02.012	Longitudinal	1	1

Examination Category B-B (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
B02.020	Head Welds		
B02.021	Circumferential	NA	NA
B02.022	Meridional Welds	NA	NA
	Steam Generator		
B02.030	Head Welds		
B02.031	Circumferential	N/A	N/A
B02.032	Meridional	N/A	N/A
B02.040	Tubesheet to Head Weld	0	0
	Heat Exchangers (Primary Side)		
B02.050	Head Welds		
B02.051	Circumferential	0	0
B02.052	Meridional	NA	NA
	Shell Welds		
B02.060	Tubesheet to Head Welds	0	0
B02.070	Longitudinal Welds	NA	NA
B02.080	Tubesheet-To-Shell Welds	NA	NA
TOTALS		3	3

Examination Category B-D Full Penetration Welds of Nozzles in Vessels Inspection Program B

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Reactor Vessel		
B03.090	Nozzle-To-Vessel Welds	2	Ref. RFR ONS-006
B03.100	Nozzle Inside Radius Section	2	Ref. RFR ONS-006
	Pressurizer		
B03.110	Nozzle-To-Vessel Welds	3	3
B03.120	Nozzle Inside Radius Section	3	3

Examination Category B-D (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Steam Generators (Primary Side)		
B03.130	Nozzle-To-Vessel Welds	2	2
B03.140	Nozzle Inside Radius Section	2	2
	Heat Exchangers (Primary Side)		
B03.150	Nozzle-To-Vessel Welds	0	0
B03.160	Nozzle Inside Radius Section	0	0
TOTALS		14	10

Examination Category B-E Pressure Retaining Partial Penetration Welds in Vessels

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Partial Penetration Welds		
B04.010			
B04.011	Vessel Nozzles	NA	NA
B04.012	Control Rod Drive Nozzles	0	0
B04.013	Instrumentation Nozzles	0	0
	Pressurizer		
B04.020	Heater Penetration Welds	NA	NA
TOTALS		0	0

Examination Category B-F

Pressure Retaining Dissimilar Metal Welds

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Reactor Vessel		
B05.010	Nominal Pipe Size 4" or Larger Nozzle to Safe End Butt Welds	0	0
B05.020	Nominal Pipe Size Less Than 4" Nozzle to Safe End Butt Weld	NA	NA
B05.030	Nozzle-To-Safe End Socket Welds	NA	NA
	Pressurizer		
B05.040	Nominal Pipe Size 4" or Larger Nozzle to Safe End Butt Welds	0	0
B05.050	Nominal Pipe Size Less Than 4" Nozzle to Safe End Butt Weld	2	2
B05.060	Nozzle-To-Safe End Socket Welds	NA	NA
	Steam Generators		
B05.070	Nominal Pipe Size 4" or Larger Nozzle to Safe End Butt Welds	NA	NA
B05.080	Nominal Pipe Size Less Than 4" Nozzle to Safe End Butt Weld	NA	NA
B05.090	Nozzle-To-Safe End Socket Welds	NA	NA
	Heat Exchangers		
B05.100	Nominal Pipe Size 4" or Larger Nozzle to Safe End Butt Welds	NA	NA
B05.110	Nominal Pipe Size Less Than 4" Nozzle to Safe End Butt Weld	NA	NA
B05.120	Nozzle-To-Safe End Socket Welds	NA	NA
	Piping		
B05.130	Nominal Pipe Size 4" or Larger Dissimilar Metal Butt Welds	1	1

Examination Category B-F (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
B05.140	Nominal Pipe Size Less Than 4" Dissimilar Metal Butt Welds	4	4
B05.150	Dissimilar Metal Socket Welds	NA	NA
TOTALS		7	7

Examination Category B-G-1 Pressure Retaining Bolting, Greater Than 2" in Diameter

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Reactor Vessel		
B06.010	Closure Head Nuts	20	20
B06.020	Closure Studs (in place)	NA	NA
B06.030	Closure Studs, (when removed)	20	20
B06.040	Threads in Flange	0	0
B06.050	Closure Washers, Bushings	1	1
	Pressurizer		
B06.060	Bolts and Studs	0	0
B06.070	Flange Surface (when connection disassembled)	0	0
B06.080	Nuts , Bushings and Washers	1	1
	Steam Generators		
B06.090	Bolts and Studs	NA	NA
B06.100	Flange Surface (when connection disassembled)	NA	NA
B06.110	Nuts , Bushings and Washers	NA	NA
	Heat Exchangers		
B06.120	Bolts and Studs	NA	NA

Examination Category B-G-1 (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
B06.130	Flange Surface (when connection disassembled)	NA	NA
B06.140	Nuts , Bushings and Washers	NA	NA
	<i>Piping</i>		
B06.150	Bolts and Studs	NA	NA
B06.160	Flange Surface (when connection disassembled)	NA	NA
B06.170	Nuts , Bushings and Washers	NA	NA
	<i>Pumps</i>		
B06.180	Bolts and Studs	0	0
B06.190	Flange Surface (when connection disassembled)	0	0
B06.200	Nuts , Bushings and Washers	0	0
	<i>Valves</i>		
B06.210	Bolts and Studs	NA	NA
B06.220	Flange Surface (when connection disassembled)	NA	NA
B06.230	Nuts , Bushings and Washers	NA	NA
TOTALS		42	42

Examination Category B-G-2

Pressure Retaining Bolting, 2" and Less
in Diameter

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Reactor Vessel		
B07.010	Bolts, Studs, and Nuts	NA	NA
	Pressurizer		
B07.020	Bolts, Studs, and Nuts	0	0
	Steam Generators		
B07.030	Bolts, Studs, and Nuts	2	2
	Heat Exchangers		
B07.040	Bolts, Studs, and Nuts	NA	NA
	Piping		
B07.050	Bolts, Studs, and Nuts	2	2
	Pumps		
B07.060	Bolts, Studs, and Nuts	1	1
	Valves		
B07.070	Bolts, Studs, and Nuts	0	0
	CRD Housings		
B07.080	Bolts, Studs, and Nuts In CRD Housing When Disassembled	2	2
TOTALS		7	7

Examination Category B-H
Integral Attachments for Vessels

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Reactor Vessel		
B08.010	Integrally Welded Attachments	NA	NA
	Pressurizer		
B08.020	Integrally Welded Attachments	NA	NA
	Steam Generators		
B08.030	Integrally Welded Attachments	NA	NA
	Heat Exchangers		
B08.040	Integrally Welded Attachments	NA	NA
TOTALS		NA	NA

Examination Category B-J
Pressure Retaining Welds in Piping

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
B09.010	Nominal Pipe Size 4" or Larger		
B09.011	Circumferential Welds	7	7
B09.012	Longitudinal Welds ¹	8	8
B09.020	Nominal Pipe Size Less Than 4"		
B09.021	Circumferential Welds	5	5
B09.022	Longitudinal Welds	NA	NA
B09.030	Branch Pipe Connection Welds		

¹ Longitudinal welds that intersect circumferential welds are examined as required by Table IWB 2500-1, Examination Category B-J. However, for reporting purposes, the totals do not reflect the number of longitudinal welds examined during this outage.

Examination Category B-J (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
B09.031	Nominal Pipe Size 4" or Larger	1	1
B09.032	Nominal Pipe Size Less Than 4"	0	0
B09.040	Socket Welds	0	0
TOTALS		21	21

Examination Category B-K-1

Integral Attachments for Piping, Pumps and Valves

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	<i>Piping</i>		
B10.010	Integrally Welded Attachments	NA	NA
	<i>Pumps</i>		
B10.020	Integrally Welded Attachments	NA	NA
	<i>Valves</i>		
B10.030	Integrally Welded Attachments	NA	NA
TOTALS		NA	NA

Examination Category B-L-1, B-M-1

B-L-2, B-M-2

Pressure Retaining Welds in Pump Casings and Valve Bodies

Pump Casings and Valve Bodies

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	<i>Pumps</i>		
B12.010	Pump Casing Welds (B-L-1)	0	0
B12.020	Pump Casing (B-L-2) (when disassembled for Maintenance, Repair or Volumetric Examination)	0	0
B12.030	Valves, Less Than Nominal Pipe Size 4" Valve Body Welds (B-M-1)	NA	NA
B12.040	Valves, Nominal Pipe Size 4" or Larger Valve Body Welds (B-M-1)	NA	NA
B12.050	Valve Body, Exceeding 4" Nominal Pipe Size (B-M-2)	0	0
TOTALS		0	0

Examination Category B-N-1

B-N-2

B-N-3

Interior of Reactor Vessel

Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels

Removable Core Support Structures

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	<i>Reactor Vessel</i>		
B13.010	Vessel Interior (B-N-1)	0	0
	<i>Reactor Vessel (PWR)</i>		
B13.050	Interior Attachments Within The Beltline Region (B-N-2)	NA	NA

Examination Category B-N-1, B-N-2 & B-N-3 (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Reactor Vessel (PWR)		
B13.070	Core Support Structure (B-N-3)	0	0
TOTALS		0	0

Examination Category B-O Pressure Retaining Welds in Control Rod Housings

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Reactor Vessel		
B14.010	Welds in CRD Housing	1	1
TOTALS		1	1

Examination Category B-P All Pressure Retaining Components

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Reactor Vessel		
B15.010	Pressure Retaining Boundary	Covered under B15.050.001	Covered under B15.050.001
B15.011	Pressure Retaining Boundary	Covered under B15.051.001	Covered under B15.051.001
	Pressurizer		
B15.020	Pressure Retaining Boundary	Covered under B15.050.001	Covered under B15.050.001
B15.021	Pressure Retaining Boundary	Covered under B15.051.001	Covered under B15.051.001

Examination Category B-P (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Steam Generators		
B15.030	Pressure Retaining Boundary	Covered under B15.050.001	Covered under B15.050.001
B15.031	Pressure Retaining Boundary	Covered under B15.051.001	Covered under B15.051.001
	Heat Exchangers		
B15.040	Pressure Retaining Boundary	Covered under B15.050.001	Covered under B15.050.001
B15.041	Pressure Retaining Boundary	Covered under B15.051.001	Covered under B15.051.001
	Piping		
B15.050	Pressure Retaining Boundary	1	1
B15.051	Pressure Retaining Boundary	0	0
	Pumps		
B15.060	Pressure Retaining Boundary	Covered under B15.050.001	Covered under B15.050.001
B15.061	Pressure Retaining Boundary	Covered under B15.051.001	Covered under B15.051.001
	Valves		
B15.070	Pressure Retaining Boundary	Covered under B15.050.001	Covered under B15.050.001
B15.071	Pressure Retaining Boundary	Covered under B15.051.001	Covered under B15.051.001
TOTALS		1	1

Examination Category B-Q**Steam Generator Tubing**

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
B16.010	Steam Generator Tubing in Straight Tube Design	NA ²	NA
B16.020	Steam Generator Tubing in U-Tube Design	NA	NA
TOTALS		NA	NA

Examination Category F-A**Component Supports**

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
F1.010	Class 1 Piping Supports (Reference Section 4.0 of this report)	5	5
F1.040	Class 1 Supports Other Than Piping (Reference Section 4.0 of this report)	0	0
F1.050	Class 1 Snubbers	15	15
TOTALS		20	20

² Steam Generator Tubing is examined and documented by Diversified Services Group of the Electric System Support Department as required by the Station Technical Specifications and is not included in this report.

2.2 Class 2 Inspections

Examination Category C-A Pressure Retaining Welds in Pressure Vessel

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
C01.010	Shell Circumferential Welds	0	0
C01.020	Head Circumferential Welds	0	0
C01.030	Tubesheet to Shell Weld	1	1
TOTALS		1	1

Examination Category C-B Pressure Retaining Nozzle Welds in Vessels

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
C02.010	Nozzles in Vessels $\leq 1/2$ " Nominal Thickness		
C02.011	Nozzle-to-Shell (or Head) Weld	0	0
C02.020	Nozzles Without Reinforcing Plate In Vessels $> 1/2$ " Nominal Thickness		
C02.021	Nozzle-to-Shell (or Head) Weld	1	1
C02.022	Nozzle Inside Radius Section	1	1
C02.030	Nozzles With Reinforcing Plate in Vessels $> 1/2$ " Nominal Thickness		
C02.031	Reinforcing Plate Welds to Nozzle and Vessel	0	0

Examination Category C-B (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
C02.032	Nozzle-to-Shell (or Head) Welds When Inside of Vessel Is Accessible	N/A	N/A
C02.033	Nozzle-to-Shell (or Head) Welds When Inside of Vessel is Inaccessible	3	0 (Welds not examined during pressure test)
TOTALS		5	2

Examination Category C-C Integral Attachments For Vessels, Piping, Pumps, and Valves

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Pressure Vessels		
C03.010	Integrally Welded Attachments	0	0
	Piping		
C03.020	Integrally Welded Attachments	14	14
	Pumps		
C03.030	Integrally Welded Attachments	1	1
	Valves		
C03.040	Integrally Welded Attachments	NA	NA
TOTALS		15	15

Examination Category C-D**Pressure Retaining Bolting Greater Than 2" in Diameter**

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Pressure Vessels		
C04.010	Bolts and Studs	NA	NA
	Piping		
C04.020	Bolts and Studs	NA	NA
	Pumps		
C04.030	Bolts and Studs	NA	NA
	Valves		
C04.040	Bolts and Studs	0	0
TOTALS		0	0

Examination Category C-F-1**Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Steel Piping**

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
C05.010	Piping Welds $\geq 3/8$ " Nominal Wall Thickness for Piping > NPS 4		
C05.011	Circumferential Weld	1	1
C05.012	Longitudinal Welds ³	NA	NA
C05.020	Piping Welds $> 1/5$ " Nominal Wall Thickness for Piping \geq NPS 2 and \leq NPS 4		
C05.021	Circumferential Welds	18	18
C05.022	Longitudinal Welds ³	NA	NA

³ Longitudinal welds that intersect circumferential welds are examined as required by Table IWC 2500-1, Examination Category C-F. However, for reporting purposes, the totals do not reflect the number of longitudinal welds examined during this outage.

Examination Category C-F-1 (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
C05.030	Socket Welds	0	0
C05.040	Pipe Branch Connections of Branch Piping \geq NPS 2		
C05.041	Circumferential Weld	5	5
C05.042	Longitudinal Weld ³	NA	NA
TOTALS		24	24

Examination Category C-F-2 Pressure Retaining Welds in Carbon Steel or Low Alloy Steel Piping

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
C05.050	Piping Welds $\geq 3/8$ " Nominal Wall Thickness for Piping > NPS 4		
C05.051	Circumferential Weld	9	9
C05.052	Longitudinal Weld ³	1	1
C05.060	Piping Welds > $1/5$ " Nominal Wall Thickness for Piping \geq NPS 2 and \leq NPS 4		
C05.061	Circumferential Weld	NA	NA
C05.062	Longitudinal Weld ³	NA	NA
C05.070	Socket Welds	NA	NA
C05.080	Pipe Branch Connections of Branch Piping \geq NPS 2		
C05.081	Circumferential Weld	2	2
C05.082	Longitudinal Weld ³	NA	NA
TOTALS		12	12

Examination Category C-G**Pressure Retaining Welds in Pumps and Valves**

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Pumps		
C06.010	Pump Casing Welds	NA	NA
	Valves		
C06.020	Valve Body Welds	1	1
TOTALS		1	1

Examination Category C-H**All Pressure Retaining Components**

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
	Pressure Vessel		
C07.010	Pressure Retaining Components	covered under C07.030	covered under C07.030
C07.020	Pressure Retaining Components	covered under C07.040	covered under C07.040
	Piping		
C07.030	Pressure Retaining Components	13	13
C07.040	Pressure Retaining Components	0	0
	Pumps		
C07.050	Pressure Retaining Components	covered under C07.030	covered under C07.030
C07.060	Pressure Retaining Components	covered under C07.040	covered under C07.040
	Valves		
C07.070	Pressure Retaining Components	covered under C07.030	covered under C07.030
C07.080	Pressure Retaining Components	covered under C07.040	covered under C07.040
TOTALS		13	13

Examination Category F-A**Component Supports**

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
F1.020	Class 2 Supports (Reference Section 4.0 of this report)	16	16
F1.040	Class 2 Supports Other Than Piping (Reference Section 4.0 of this report)	1	1
F1.050	Class 2 Snubbers (Reference Section 4.0 of this report)	41	41
TOTALS		58	58

2.3 Augmented Inspections

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
G01.001	Reactor Coolant Pump Flywheel	4	0 (Not disassembled)
G02.001	HPI Nozzle Safe End Examinations	0	0
G03.001	Pressurizer Surge Line Examinations	0	0
G04.001	Thermal Stress Piping (NRC Bulletin 88-08)	10	10
G05.001	Pressurizer Spray Piping Thermal Transient Inspection	0	0
G06.001	Auxiliary Feedwater Header Water Hammer Examinations (PSC21-82)	1	1
G07.001	Augmented Examination of Longitudinal Piping Welds With A Nominal Wall Thickness < 3/8" and > NPS 4"	0	0

Augmented Inspections (Continued)

<i>Item Number</i>	<i>Description</i>	<i>Total Scheduled During Outage</i>	<i>Total Examined During Outage</i>
G08.001	Pressurizer Sensing/ Sampling Nozzle Safe Ends	0	0
G09.001	Class 2 Piping Welds NPS > 4" With Nominal Wall Thickness < 3/8"	8	8
G10.001	Class 1 RTE Mounting Bosses	0	0
G11.001	Reactor Coolant Pumps 3A2 and 3B1 Alternate Examinations	NA	NA
G12.001	HPI Upgrade	2	2

A detailed description of each examination listed in Sections 2.1 through 2.3 are located in Section 3 of this report. Results of each examination are located in Section 4 of this report.

3.0 Second Ten Year Inspection Status

The completion status of inspections required by the 1989 ASME Section XI Code, 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. Augmented inspections are also included.

Class 1 Inspections

<u>Examination Category</u>	<u>Description</u>	<u>Inspections Required</u>	<u>Inspections Completed</u>	<u>Percentage Completed</u>	<u>⁴Deferral Allowed</u>
B-A	Pressure Retaining Welds in Reactor Vessel	15 Welds	1 Welds	6.66 %	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessel	11 Welds	3 Welds	27.27%	No
B-D	Full Penetration Welds of Nozzles in Vessels	30 Inspections	7 Inspections	23.33 % (Ref. ONS-006)	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	31 Welds	0 Welds	0 %	No
B-F	Pressure Retaining Dissimilar Metal Welds	31 Welds	7 Welds	22.58 %	No
B-G-1	Pressure Retaining Bolting Greater than 2 Inch Diameter	134 Items	42 Items	31.34 %	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	25 Items	7 Item	28 %	No
B-H	Integral Attachment for Vessels	N/A	N/A	N/A	N/A
B-J	Pressure Retaining Welds in Piping	134 Welds	12 Welds	8.95 %	No

⁴Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB and IWC 2500-1.

Class 1 Inspections (Continued)

<u>Examination Category</u>	<u>Description</u>	<u>Inspections Required</u>	<u>Inspections Completed</u>	<u>Percentage Completed</u>	<u>Deferral Allowed</u>
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	0 Welds	0 %	Yes
B-L-2	Pump Casings	1 Casing	0 Casings	0 %	Yes
B-M-1	Pressure Retaining Welds in Valve Bodies	N/A	N/A	N/A	N/A
B-M-2	Valve Body > 4 in. Nominal Pipe Size	3 Valves	0 Valves	0 %	Yes
B-N-1	Interior of Reactor Vessel	3 Items	0 Items	0 %	No
B-N-2	Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels	N/A	N/A	N/A	N/A
B-N-3	Removable Core Support Structures	1 Item	0 Items	0 %	Yes
B-O	Pressure Retaining Welds in Control Rod Housings	3 Housings	1 Housing	33.33 %	Yes
B-P	All Pressure Retaining Components				No
	System Leakage Test	5 Components	1 Component	20 %	
	System Hydrostatic Test	1 Component	0 Components	0 %	
B-Q	Steam Generator Tubing	N/A	N/A	N/A	N/A
F1.01	Class 1 Component Supports	25 Supports	5 Supports	20 %	No

Class 1 Inspections (Continued)

<u>Examination Category</u>	<u>Description</u>	<u>Inspections Required</u>	<u>Inspections Completed</u>	<u>Percentage Completed</u>	<u>Deferral Allowed</u>
F1.40	Class 1 Component Supports (Supports Other Than Piping Supports)	4 Supports	0 Supports	0 %	No
F1.50	Class 1 Component Supports (Snubbers)	15 Supports	15	100 %	No

Class 2 Inspections

<u>Examination Category</u>	<u>Description</u>	<u>Inspections Required</u>	<u>Inspections Completed</u>	<u>Percentage Completed</u>	<u>Deferral Allowed</u>
C-A	Pressure Retaining Welds in Pressure Vessels	14 Welds	1 Welds	7.14 %	No
C-B	Pressure Retaining Nozzle Welds in Vessels	12 Welds	1 Welds	8.33 %	No
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	94 Attachments	14 Attachments	14.89 %	No
C-D	Pressure Retaining Bolting Exceeding 2 Inches in Diameter	1	0	0 %	NA
C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	145 Welds	24 Welds	16.55 %	No
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	62 Welds	11 Welds	17.74 %	No
C-G	Pressure Retaining Welds in Pumps and Valves	1	1	100 %	N/A
C-H	All Pressure Retaining Components				No
	System or Component Inservice Inspection/Functional Test	76 Components	1 Components	1.32 %	

Class 2 Inspections (Continued)

<u>Examination Category</u>	<u>Description</u>	<u>Inspections Required</u>	<u>Inspections Completed</u>	<u>Percentage Completed</u>	<u>Deferral Allowed</u>
	System Hydrostatic Test	38 Components	0 Components	0 %	
F1.02	Class 2 Component Supports	105 Supports	16 Supports	15.23 %	No
F1.40	Class 2 Component Supports (Supports Other Than Piping Supports)	10 Supports	1 Supports	10 %	No
F1.50	Class 2 Component Supports (Snubbers)	41 Supports	41	100 %	No

Augmented Inspections

<u>Description</u>	<u>Percentage Complete</u>
Reactor Coolant Pump Flywheels (Item No. Series G01)	0 % (RCP was not disassembled)
HPI Nozzle Safe End Examinations (Item No. Series G02)	0 % (Not scheduled for examination)
Pressurizer Surge Line Drain Line (Item No. Series G03)	0 % (Not scheduled for examination)
Thermal Stress Piping (Item No. Series G04)	100 % of EOC 16
Pressurizer Spray Piping Thermal Transient Inspection (Item No. Series G05)	0 % (Not scheduled for examination)
Auxiliary Feedwater Header Water Hammer (Item No. Series G06)	100 % of EOC 16
Augmented Examination of Longitudinal Piping Welds With A Nominal Wall Thickness $< \frac{3}{8}$ " and $> \text{NPS } 4"$ (Item No. Series G07)	0 % (Not scheduled for examination)
Pressurizer Sensing/ Sampling Nozzle Safe Ends (Item No. Series G08)	0 % (Not scheduled for examination)

Augmented Inspections (Continued)

Class 2 Piping Welds NPS Greater Than 4" With A Nominal Wall Thickness Less Than $\frac{3}{8}$ " (Item No. Series G09)	100% of EOC 16
Class 1 RTE Mounting Bosses (Item No. Series G10)	0 % (Not scheduled for examination)
HPI Upgrade (Item No. Series G12)	100 % of EOC 16

4.0 Final Inservice Inspection Plan For Outage 16

The final ISI Plan shown in this section lists all ASME Section XI Class 1 and ASME Section XI Class 2, and Augmented examinations credited for Outage 16 at Oconee Nuclear Station Unit 1.

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

A. Items examined by NDE methods

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
Iso / Dwg Numbers	=	Location and/or Detail Drawings
Proc	=	Examination Procedures
Insp Req	=	Examination Technique - Magnetic Particle, Dye Penetrant, etc.
Mat / Sch	=	General Description of Material
Diam / Thick	=	Diameter/Thickness
Cal Blocks	=	Calibration Block Number
Comments	=	General and/or Detail Description

CATEGORY B-A, Pressure Retaining Welds**in Reactor Vessel****Shell-to-Flange Weld**

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B01.030.002	1-RPV-WR19	ISI OCN1-001	ISI-138	UT	CS	171.000	50304	Reactor Vessel Flange Pc. 7 to Nozzle Belt Upper
	Circumferential	OM-201-1877	NDE-650			12.000		Course Pc. 8. UT from Flange Surface (manual scan)
	Class A				Rx Head Flange to RV Nozzle belt			

Total B01.030 Items:

1

Total Category B-A Items:

1

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

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Shell-to-Head Welds; Circumferential ****								
B02.011.001	1-PZR-WP76	ISI OCN1-002	NDE-620	UT	CS	84.000	40387	Pressurizer Upper Head Pc. 5 to Upper Shell Course Pc. 1.
Circumferential		OM-201-1878	NDE-640			4.750		Material thickness ranges from 6.50" to 4.750" due to taper of material.
Class A				Pzr (01) to Pzr (05)				
B02.011.003	1-PZR-WP4	ISI OCN1-002	NDE-620	UT	CS	84.000	40387	Lower shell to heater belt shell (inspect in the third interval during the first,second and third periods per IWB 2420(B).)
Circumferential		OM-201-1878	NDE-640			6.188		
Class A				Pzr (03) to 04/41				
Total B02.011 Items:		2						
**** Shell-to-Head Welds; Longitudinal ****								
B02.012.001	1-PZR-WP1-1	ISI OCN1-002	NDE-620	UT	CS	84.000	40387	Pressurizer Upper Shell Course Pc. 1 to Pc. 1.
Longitudinal		OM-201-1878	NDE-640			6.188		Pzr Upper Shell Course to Pzr Upper Shell Course
Class A								
Total B02.012 Items:		1						
Total Category B-B Items:		3						

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

Reactor Vessel

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle-to-Vessel Welds ****								
B03.090.001A	1-RPV-WR13	ISI OCN1-001	ISI-138	UT	CS	60.000	40390	X- Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. UT
	Circumferential	OM-201-1877				12.000		From Nozzle ID.
Class A								Nozzle Rx Head Nozzle to Rx Nozzle belt
B03.090.002A	1-RPV-WR13A	ISI OCN1-001	ISI-138	UT	CS	60.000	50304	Z- Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. UT
	Circumferential	OM -201-1877				12.000		From Nozzle ID. Note: For inspection in Outage 1
Class A								see Request for Relief ONS-006.
								Nozzle RX Head Nozzle to RX Nozzle Belt
Total B03.090 Items:		2						

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

Reactor Vessel

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle Inside Radius Section ****								
B03.100.001	1-RPV-WR13	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	60.000 12.000	50304	X-Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. (Inside Radius Section). Note: For inspection in Outage 1 see Request for Relief ONS-006.
Class A					Nozzle RX Head Nozzle to RX Nozzle Belt			
B03.100.002	1-RPV-WR13A	ISI OCN1-001 OM-201-1877	ISI-138	UT	CS	60.000 12.000	50304	Z-Outlet Nozzle to Vessel Pc. 19 to Pc. 08 & 09. (Inside Radius Section). Note: For inspection in Outage 1 see Request for Relief ONS-006.
Class A					Nozzle RX Head Nozzle to RX Nozzle Belt			
Total B03.100 Items:		2						

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

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle-to-Vessel Welds ****								
B03.110.002	1-PZR-WP34	ISI OCN1-002	NDE-620	UT	CS	7.750	40394	Pzr Spray Nozzle Pc. 9 to Upper Head Pc. 5.
	Circumferential	B&W129261E	NDE-640			4.750		
Class A					Pzr Spray Nozzle to Pzr Upper Head			
B03.110.003	1-PZR-WP33-3	ISI OCN1-002	NDE-620	UT	CS	6.875	40394	Pzr Relief Nozzle Pc. 31 to Upper Head Pc. 5
	Circumferential	OM-201-1878	NDE-640			4.750		between W & Z Axis.
Class A		B&W129262E			Pzr Relief Nozzle to Pzr Upper Head			
B03.110.004	1-PZR-WP33-2	ISI OCN1-002	NDE-620	UT	CS	6.875	40394	Pzr Relief Nozzle Pc. 31 to Upper Head Pc. 5 on Y &
	Circumferential	OM-201-1878	NDE-640			4.750		X Axis.
Class A		B&W129262E			Pzr Relief Nozzle to Pzr Upper Head			

Total B03.110 Items:

3

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

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle Inside Radius Section ****								
B03.120.002	1-PZR-WP34	ISI OCN1-002 OM-201-1878 B&W129261E	NDE-680	UT	CS	7.750 4.750	40394	Pressurizer Spray Nozzle Pc. 9 to Upper Head Pc. 5. (Inside Radius Section).
Class A					Pzr Spray Nozzle to Pzr Upper Head			
B03.120.003	1-PZR-WP33-3	ISI OCN1-002 OM-201-1878 B&W129262E	NDE-680	UT	CS	6.875 4.750	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5 between W & Z Axis. (Inside Radius Section).
Class A					Pzr Relief Nozzle to Pzr Upper Head			
B03.120.004	1-PZR-WP33-2	ISI OCN1-002 OM-201-1878 B&W129262E	NDE-680	UT	CS	6.875 4.750	40394	Pressurizer Relief Nozzle Pc. 31 to Upper Head Pc. 5 on Y & X Axis. (Inside Radius Section).
Class A					Pzr Relief Nozzle to Pzr Upper Head			
Total B03.120 Items:		3						

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

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Steam Generators (Primary Side)

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle-to-Vessel Welds ****								
B03.130.001	1-SGA-WG50-2	ISI-OCN1-003	NDE-620	UT	CS	38.380	40393	Steam Generator 1A Outlet Nozzle Pc. 65 to Head
	Circumferential	OM-201-1873	NDE-640			8.500		Pc. 07 W-Z Axis.
Class A		B&W129317E			SGA Lower Head to Nozzle Outlet Nozzle			
B03.130.002	1-SGA-WG50-1	ISI-OCN1-003	NDE-620	UT	CS	38.380	40393	Steam Generator 1A Outlet Nozzle Pc. 65 to Head
	Circumferential	OM-201-1873	NDE-640			8.500		Pc. 07 Y-Z Axis.
Class A		B&W129317E			SGA Lower Head to Nozzle Outlet Nozzle			
Total B03.130 Items:		2						

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

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Steam Generators (Primary Side)

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle Inside Radius Section ****								
B03.140.001	1-SGA-WG50-2	ISI-OCN1-003 OM-201-1873 B&W129317E	NDE-680	UT	CS	38.380 8.500	40393	Steam Generator 1A Outlet Nozzle Pc. 65 to Head Pc. 7. W-Z Axis. (Inside Radius Section).
Class A					SGA Lower Head to Outlet Nozzle			
B03.140.002	1-SGA-WG50-1	ISI-OCN1-003 OM-201-1873 B&W129317E	NDE-680	UT	CS	38.380 8.500	40393	Steam Generator 1A Outlet Nozzle Pc. 65 to Head Pc. 7. Y-Z Axis. (Inside Radius Section).
Class A					SGA Lower Head to Outlet Nozzle			
<hr/>								
Total B03.140 Items:		2						
Total Category B-D Items:		14						

CATEGORY B-F, Pressure Retaining
Dissimilar Metal Welds

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Pressurizer

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Less Than NPS 4; Nozzle-to-Safe End Butt Welds ****								
B05.050.002	1-PZR-WP91-2	ISI OCN1-002	NDE-35	PT	SS/CS	2.500		Pressurizer Relief Nozzle Pc. 31 to Safe End Pc. 32
	Circumferential	B&W129262E				0.000		X-Y Axis.
Class A					Nozzle Piece 31 to			
	Dissimilar				Safe End Pc.32			
B05.050.003	1-PZR-WP91-3	ISI OCN1-002	NDE-35	PT	SS/CS	2.500		Pressurizer Relief Nozzle Pc. 31 to Safe End Pc. 32
	Circumferential	B&W129262E				0.000		Z-W Axis.
Class A					Nozzle Piece 31 to			
	Dissimilar				Safe End Pc.32			
Total B05.050 Items:		2						

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

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Piping

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Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
**** NPS 4 or Larger; Dissimilar Metal Butt Welds ****								
B05.130.001	1-PIA1-7	ISI OCN1-007	NDE-610	UT	SS/CS	33.500	40350	Examine from the pipe side.
	Circumferential	OM-201-1845				2.330		
Class A	Stress weld			Pipe to				
	Dissimilar			Safe end				
B05.130.001A	1-PIA1-7	ISI OCN1-007	NDE-610	UT	SS/CS	33.500	40397	Examine from the safe end side.
	Circumferential	OM-201-1845				2.330		
Class A	Stress weld			Pipe to				
	Dissimilar			Safe end				
B05.130.001B	1-PIA1-7	ISI OCN1-007	NDE-35	PT	SS/CS	33.500		
	Circumferential	OM-201-1845				2.330		
Class A	Stress weld			Pipe to				
	Dissimilar			Safe end				
Total B05.130 Items:		3						

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

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Piping

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Inservice Inspection Plan for Interval 3 Outage 1

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

****** Less Than NPS 4; Dissimilar Metal Butt Welds ******

B05.140.001	1-PIA1-11	ISI OCN1-007	NDE-35	PT	CS/Inconel	3.500		
	Circumferential	OM-201-1870				0.816		
	Class A				Nozzle to Safe end			
	Dissimilar							
B05.140.003	1-PDA1-11	ISI OCN1-011	NDE-35	PT	SS/CS	3.500		
	Circumferential	OM-201-1845				0.750		
	Class A				Nozzle Pressure injection nozzle to Safe end			
	Dissimilar							
B05.140.009	1-50-01-34	1-50-01(1)	NDE-35	PT	SS/Inconel	1.500		
	Circumferential					0.281		
	Class A				Pipe to Elbow			
	Dissimilar							
B05.140.010	1-50-01-2	1-50-01(2)	NDE-35	PT	SS/Inconel	1.500		
	Circumferential	OFD-100A-1.1				0.281		
	Class A				to Elbow			
	Dissimilar							

Total B05.140 Items: 4

Total Category B-F Items: 9

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

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Reactor Vessel

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Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
**** Closure Head Nuts ****								
B06.010.001	1-RPV-26-203-01	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.002	1-RPV-26-203-02	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.003	1-RPV-26-203-03	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.004	1-RPV-26-203-04	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.005	1-RPV-26-203-05	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.006	1-RPV-26-203-06	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.007	1-RPV-26-203-07	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.008	1-RPV-26-203-08	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				

**CATEGORY B-G-1, Pressure Retaining
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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.010.009	1-RPV-26-203-09	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.010	1-RPV-26-203-10	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.011	1-RPV-26-203-11	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.012	1-RPV-26-203-12	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.013	1-RPV-26-203-13	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.014	1-RPV-26-203-14	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.015	1-RPV-26-203-15	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				
B06.010.016	1-RPV-26-203-16	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300		Reactor Vessel Closure Nut
Class A				to				

**CATEGORY B-G-1, Pressure Retaining
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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK CAL BLOCKS	COMMENTS
B06.010.017	1-RPV-26-203-17	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300	Reactor Vessel Closure Nut
Class A				to			
B06.010.018	1-RPV-26-203-18	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300	Reactor Vessel Closure Nut
Class A				to			
B06.010.019	1-RPV-26-203-19	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300	Reactor Vessel Closure Nut
Class A				to			
B06.010.020	1-RPV-26-203-20	OM-201-0005 B&W128723E	NDE-25	MT	CS	9.250 1.300	Reactor Vessel Closure Nut
Class A				to			
Total B06.010 Items:		20					

**CATEGORY B-G-1, Pressure Retaining
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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Closure Studs, when removed ****								
B06.030.001	1-RPV-25-203-01	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.001A	1-RPV-25-203-01	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.002	1-RPV-25-203-02	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.002A	1-RPV-25-203-02	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.003	1-RPV-25-203-03	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.003A	1-RPV-25-203-03	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.004	1-RPV-25-203-04	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.004A	1-RPV-25-203-04	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				

**CATEGORY B-G-1, Pressure Retaining
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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.005	1-RPV-25-203-05	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.005A	1-RPV-25-203-05	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.006	1-RPV-25-203-06	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.006A	1-RPV-25-203-06	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.007	1-RPV-25-203-07	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.007A	1-RPV-25-203-07	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.008	1-RPV-25-203-64	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.008A	1-RPV-25-203-64	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.009	1-RPV-25-203-09	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.009A	1-RPV-25-203-09	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.010	1-RPV-25-203-10	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.010A	1-RPV-25-203-10	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.011	1-RPV-25-203-11	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.011A	1-RPV-25-203-11	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.012	1-RPV-25-203-12	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.012A	1-RPV-25-203-12	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				

**CATEGORY B-G-1, Pressure Retaining
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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.013	1-RPV-25-203-13	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.013A	1-RPV-25-203-13	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.014	1-RPV-25-203-14	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.014A	1-RPV-25-203-14	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.015	1-RPV-25-203-15	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.015A	1-RPV-25-203-15	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.016	1-RPV-25-203-62	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.016A	1-RPV-25-203-62	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				

**CATEGORY B-G-1, Pressure Retaining
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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B06.030.017	1-RPV-25-203-17	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.017A	1-RPV-25-203-17	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.018	1-RPV-25-203-18	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.018A	1-RPV-25-203-18	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.019	1-RPV-25-203-19	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.019A	1-RPV-25-203-19	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.020	1-RPV-25-203-20	OM-201-0005 B&W128723E	NDE-944	UT	CS	6.500 0.000	40420	Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				
B06.030.020A	1-RPV-25-203-20	OM-201-0005 B&W128723E	NDE-25	MT	CS	6.500 0.000		Reactor Vessel Closure Stud - Removed. Stud Length = 63.250.
Class A				to				

Total B06.030 Items: 40

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Closure Washers, Bushings ****								
B06.050.001	1-RPV-WASH-BUSH		QAL-13	VT-1	CS	9.750		Reactor Vessel Closure Washers and Bushings. Stud
		B&W128723E				0.214		Holes 1 - 20.
Class A				to				
Total B06.050 Items:		1						

**CATEGORY B-G-1, Pressure Retaining
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Pressurizer

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nuts, Bushings, and Washers ****								
B06.080.001	1-PZR-MW-NUTS	24893F	QAL-13	VT-1	CS	2.750 0.000		Pressurizer Manway Nuts Pc. 68; Including Bushings and Washers.
Class A				to				
<hr/>								
Total B06.080 Items:		1						
Total Category B-G-1 Items:		62						

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

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Steam Generators

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Bolts, Studs, and Nuts ****								
B07.030.002	1-SGA-LMW-BOLTS		QAL-13	VT-1	SS	0.000		Steam Generator 1A Lower Head Manway Studs and Nuts (Total 16 Studs Pc. 111 and Nuts Pc. 109).
		OM-201-550				0.000		
Class A		OM-201-352		to				
B07.030.006	1-SGA-LHIC-BOLTS		QAL-13	VT-1	SS	0.000		Steam Generator 1A Lower Head Inspection Cover Studs and Nuts. (Total 12 Studs Pc. 112 and Nuts Pc. 110).
		OM-201-550				0.000		
Class A		OM-201-352		to				
Total B07.030 Items:		2						

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

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Piping

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
**** Bolts, Studs, and Nuts ****								
B07.050.003	1-PZR-RC67-BOLT	B&W129262E OM-201-1026	QAL-13	VT-1	CS	1.125 0.000		Pressurizer Relief Valve RC-67 Nozzle Flange Bolting (Between W&X Axis) Total 8 Bolts; 16 Nuts .
Class A				to				
B07.050.004	1-PZR-RC68-BOLT	B&W129262E OM-201-1026	QAL-13	VT-1	CS	1.125 0.000		Pressurizer Relief Valve RC-68 Nozzle Flange Bolting (Noz. 15 degrees off Y- Axis) Total 8 Bolts; 16 Nuts.
Class A				to				
Total B07.050 Items:		2						

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

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CRD Housings

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Bolts, Studs, and Nuts ****								
B07.080.001	1-RPV-CRD-BOLTS	OM-201-2248	QAL-13	VT-1	CS	1.250		CRD Housing Bolts (Total 8 Bolts) 2 Connections inspected to date; CRD # 38, # 59.(Inspect only if Disassembled). Reference Request for Relief ONS-004 & ONS-005.
		DPS 706599-1056				0.000		
Class A		B&W152006E		to				
B07.080.002	1-RPV-CRD-RINGS	OM-201-2248	QAL-13	VT-1	CS	11.500		CRD Housing Rings ; 1 Pair per CRD Housing. 2 Connections inspected to date ; CRD # 38, #59.(Inspect only if Disassembled)
		DPS 706599-1056				.1250		
Class A		B&W152006E		to				
Total B07.080 Items:		2						
Total Category B-G-2 Items:		7						

CATEGORY B-J, Pressure Retaining Welds In Piping

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential Welds ****								
B09.011.001	1-PIA1-9	ISI OCN1-007 OM-201-1846	NDE-610	UT	SS	36.500 2.330	40397	
Class A	Circumferential Stress weld Dissimilar				Safe end to RC pump 1A1			
B09.011.001A	1-PIA1-9	ISI OCN1-007 OM-201-1846	NDE-35	PT	SS	36.500 2.330		
Class A	Circumferential Stress weld Dissimilar				Safe end to RC pump 1A1			
B09.011.004	1-PIA1-5	ISI OCN1-007 B&W 131914E6	NDE-600	UT	CS	33.500 2.330		Reference Request for Relief 95-GO-03 for calibration block.
Class A	Circumferential				Elbow to Pipe			
B09.011.004A	1-PIA1-5	ISI OCN1-007 B&W131914E6	NDE-25	MT	CS	33.500 2.330		
Class A	Circumferential				Elbow to Pipe			
B09.011.005	1-PIA1-4	ISI OCN1-007 B&W 131914E6	NDE-600	UT	CS	33.500 2.330		Reference Request for Relief 95-GO-03 for calibration block.
Class A	Circumferential Stress weld				Pipe to Elbow			
B09.011.005A	1-PIA1-4	ISI OCN1-007 B&W131914E6	NDE-25	MT	CS	33.500 2.330		
Class A	Circumferential Stress weld				Pipe to Elbow			
B09.011.007	1-PIA1-2	ISI OCN1-007 B&W 131914E6	NDE-600	UT	CS	33.500 2.330		Reference Request for Relief 95-GO-03 for calibration block.
Class A	Circumferential Stress weld				Pipe to Elbow			
B09.011.007A	1-PIA1-2	ISI OCN1-007 B&W 131914E6	NDE-25	MT	CS	33.500 2.330		
Class A	Circumferential Stress weld				Pipe to Elbow			

CATEGORY B-J, Pressure Retaining Welds In Piping

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.011.008	1-PIA1-1	ISI OCN1-007	NDE-600	UT	CS	33.500		Reference Request for Relief 95-GO-03 for calibration block.
Class A	Circumferential Term end / Stress weld	B&W 131914E6				2.330	Steam Generator A1 to Pipe	
B09.011.008A	1-PIA1-1	ISI OCN1-007	NDE-25	MT	CS	33.500		
Class A	Circumferential Term end / Stress weld	B&W 131914E6				2.330	Steam Generator A1 to Pipe	
B09.011.011	1-PDA1-4	ISI OCN1-011	NDE-600	UT	CS	33.500		Reference Request for Relief 95-GO-03 for calibration block.
Class A	Circumferential	B&W 131913E11				2.330	Elbow to Pipe	
B09.011.011A	1-PDA1-4	ISI OCN1-011	NDE-25	MT	CS	33.500		
Class A	Circumferential	B&W 131913E11				2.330	Elbow to Pipe	
B09.011.036	1-PIB1-5	ISI OCN1-009	NDE-600	UT	CS	33.500		Inspect during the 1st, 2nd and 3rd period in order to comply with surveillance requirements. Inspection in 3rd period (RFO 20) is for surveillance and for the required examination for the 3rd interval. Reference Request for Relief 95-GO-03 for calibration block.
Class A	Circumferential	B&W 131914E6				2.330	Elbow to Pipe	
Total B09.011 Items:		13						
**** Longitudinal Welds ****								
B09.012.001	1-PIA1-62LI	ISI OCN1-007	NDE-600	UT	CS	33.500		Inspect with Item Number B09.011.004. Reference Request for Relief 95-GO-03 for calibration block.
Class A	Longitudinal	B&W 131914E6				2.330	Elbow to Elbow	
B09.012.001A	1-PIA1-62LI	ISI OCN1-007	NDE-25	MT	CS	33.500		Inspect with Item Number B09.011.004A
Class A	Longitudinal	B&W 131914E6				2.330	Elbow to Elbow	

CATEGORY B-J, Pressure Retaining Welds In Piping

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NPS 4 or Larger

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
B09.012.002 Class A	1-PIA1-62LO Longitudinal	ISI OCN1-007 B&W 131914E6	NDE-600	UT	CS	33.500 2.330		Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Elbow				
B09.012.002A Class A	1-PIA1-62LO Longitudinal	ISI OCN1-007 B&W 131914E6	NDE-25	MT	CS	33.500 2.330		
				Elbow to Elbow				
B09.012.003 Class A	1-PIA1-45LI Longitudinal	ISI OCN1-007 B&W 131914E6	NDE-600	UT	CS	33.500 2.330		Inspect with Item Number B09.011.007. Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Elbow				
B09.012.003A Class A	1-PIA1-45LI Longitudinal	ISI OCN1-007 B&W 131914E6	NDE-25	MT	CS	33.500 2.330		Inspect with Item Number B09.011.007A
				Elbow to Elbow				
B09.012.004 Class A	1-PIA1-45LO Longitudinal	ISI OCN1-007 B&W 131914E6	NDE-600	UT	CS	33.500 2.330		Inspect with Item Number B09.011.007. Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Elbow				
B09.012.004A Class A	1-PIA1-45LO Longitudinal	ISI OCN1-007 B&W 131914E6	NDE-25	MT	CS	33.500 2.330		Inspect with Item Number B09.011.007A
				Elbow to Elbow				
B09.012.007 Class A	1-PDA1-53LO Longitudinal	ISI OCN1-011 B&W 131914E6	NDE-600	UT	CS	33.500 2.330		Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Elbow				
B09.012.007A Class A	1-PDA1-53LO Longitudinal	ISI OCN1-011 B&W 131914E6	NDE-25	MT	CS	33.500 2.330		
				Elbow to Elbow				

CATEGORY B-J, Pressure Retaining Welds In Piping

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK CAL BLOCKS	COMMENTS
B09.012.008 Class A Longitudinal	1-PDA1-53LI	ISI OCN1-011 B&W 131914E6	NDE-600	UT	CS	33.500 2.330	Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Elbow			
B09.012.008A Class A Longitudinal	1-PDA1-53LI	ISI OCN1-011 B&W 131914E6	NDE-25	MT	CS	33.500 2.330	
				Elbow to Elbow			
B09.012.051 Class A Longitudinal	1-PIA1-62LI	ISI OCN1-007 B&W 131914E6	NDE-600	UT	CS	33.500 2.330	Inspect with Item Number B09.011.005. Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Elbow			
B09.012.051A Class A Longitudinal	1-PIA1-62LI	ISI OCN1-007 B&W 131914E6	NDE-25	MT	CS	33.500 2.330	Inspect with Item Number B09.011.005A
				Elbow to Elbow			
B09.012.052 Class A Longitudinal	1-PIA1-62LO	ISI OCN1-007 B&W 131914E6	NDE-600	UT	CS	33.500 2.330	Inspect with Item Number B09.011.005. Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Elbow			
B09.012.052A Class A Longitudinal	1-PIA1-62LO	ISI OCN1-007 B&W 131914E6	NDE-25	MT	CS	33.500 2.330	Inspect with Item Number B09.011.005A
				Elbow to Elbow			

Total B09.012 Items: 16

Less Than NPS 4

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
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B09.021.032	1-51A-04-25C	1-51A-04	NDE-35	PT	SS	2.500
Class A	Circumferential	OFD-101A-1.4			Elbow to Valve 1HP-127	0.375
B09.021.033	1-51A-04-23C	1-51A-04	NDE-35	PT	SS	2.500
Class A	Circumferential	OFD-101A-1.4			Elbow to Pipe	0.375
B09.021.034	1-51A-04-14C	1-51A-04	NDE-35	PT	SS	2.500
Class A	Circumferential	OFD-101A-1.4			Elbow to Pipe	0.375
B09.021.037	1-51A-04-11C	1-51A-04	NDE-35	PT	SS	2.500
Class A	Circumferential	OFD-101A-1.4			Pipe to Elbow	0.375
B09.021.038	1-51A-04-9C	1-51A-04	NDE-35	PT	SS	2.500
Class A	Circumferential	OFD-101A-1.4			Pipe to Elbow	0.375

Total B09.021 Items:	5
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CATEGORY B-J, Pressure Retaining Welds In Piping

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Branch Pipe Connection Welds

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** NPS 4 or Larger ****								
B09.031.003	1-PIB1-10	ISI OCN1-009	NDE-600	UT	CS	12.000		Reference Request for Relief 95-GO-03 for calibration block.
Branch		OM-201-595				2.250		
Class A				Pipe to Nozzle Drain nozzle				
B09.031.003A	1-PIB1-10	ISI OCN1-009	NDE-25	MT	CS	12.000		
Branch		OM-201-595				2.250		
Class A				Pipe to Nozzle Drain nozzle				
Total B09.031 Items:		2						
Total Category B-J Items:		36						

**CATEGORY B-O, Pressure Retaining Welds
in Control Rod Housings**

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Reactor Vessel

Oconee 1

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
**** Welds in CRD Housing ****								
B14.010.001	1-RPV-CRD-47WH9	OM-201-2186 OM-201-1059	NDE-35	PT	SS/Inconel	4.025 0.650		CRDM Housing Body MK-67 to Adapter MK-55.
Class A					Housing Body to Adapter			
B14.010.004	1-RPV-CRD-47W60	DPS 706599-1056 OFD-100A-1.1	NDE-35	PT	SS/CS	5.000 0.500		CRDM Base to Motor Tube - CRDM # 47.
Class A					Base to Motor Tube			
B14.010.007	1-RPV-CRD-47	DPS 706599-1056 OFD-100A-1.1	NDE-35	PT	SS/CS	4.300 0.400		CRDM Motor Tube to Extension - CRDM #47.
Class A					Motor Tube to Extension			
B14.010.010	1-RPV-CRD-47W61	DPS 706605-1058 OFD-100A-1.1	NDE-35	PT	SS	4.190 0.380		Peripheral CRDM Extension to Cap - CRDM #47.
Class A					Extension to Cap			
<hr/>								
Total B14.010 Items:		4						
Total Category B-O Items:		4						

CATEGORY C-A, Pressure Retaining Welds**Pressure Vessels****Tubesheet-to-Shell Weld**

DUKE POWER COMPANY
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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
C01.030.001	1-SGA-WG60	OM-201-1873	NDE-620	UT	CS		138.000	40338
	Circumferential	ISI OCN1-003	NDE-640				6.625	
Class B						Tubesheet to Shell		Steam Generator 1A Upper Tubesheet Pc. 51 to Shell Pc. 1.
Total C01.030 Items:		1						
Total Category C-A Items:		1						

Welds In Vessels

1/2 in. Nom. Thickness

Oconee 1

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Nozzle-to-Shell (or Head) Weld ****								
C02.021.002	1-SGB-WG23-2	ISI-OCN1-004	NDE-620	UT	CS	29.000	40338	Steam Generator 1B Outlet Nozzle, X-Y Axis. Pc. 14
	Circumferential	OM-201-1873	NDE-640			6.750		to Shell Pc. 03.
Class B		OM-201-0034		Outlet Nozzle to Shell				
C02.021.002A	1-SGB-WG23-2	ISI-OCN1-004	NDE-25	MT	CS	29.000		Steam Generator 1B Outlet Nozzle, X-Y Axis. Pc. 14
	Circumferential	OM-201-1873				6.750		to Shell Pc. 03.
Class B		OM-201-0034		Outlet Nozzle to Shell				
Total C02.021 Items:		2						
**** Nozzle Inside Radius Section ****								
C02.022.002	1-SGB-WG23-2	ISI-OCN1-004	NDE-680	UT	CS	29.000	40338	Steam Generator 1B Outlet Nozzle, X-Y Axis. Piece
		OM-201-1873				6.750		14 to Shell Pc. 03. (Inside Radius Section).
Class B				Outlet Nozzle to Shell				
Total C02.022 Items:		1						
Total Category C-B Items:		3						

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

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Piping

Oconee 1

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
**** Integrally Welded Attachments ****								
C03.020.001	1-01A-H10A	0-480A	NDE-25	MT	CS	24.250		Calcalaton No. OSC-1296-06;
	Constant support	OFD-122A-1.1				1.500		Problem No. 1-01-07; System 01A;PAGE# 6
Class B				to				(2)-24.23A MAIN STEAM FROM PEN 26 TO SG 1A
C03.020.009	1-01A-H5B	0-481A	NDE-25	MT	CS	24.250		Calcalaton No. OSC-1296-06;
	Constant support	OFD-122A-1.1				1.000		Problem No. 1-01-08; System 01A;PAGE# 6
Class B				to				(1)-25.18; MAIN STEAM FROM PEN 28 TO SG 1B
C03.020.030	1-51-SR20	0-437A	NDE-35	PT	SS	4.000		Calculation No. OSC-1539, page 72; Problem No.
	Rigid support	OFD-101A-1.4				0.750		1-51-07. Reactor Coolant Pump Seal Injection
Class B		1-51-07		to				
C03.020.031	1-51-SR38	0-439A	NDE-35	PT	SS	4.000		Calculation No. OSC-1639, page 30.5; Problem No.
	Rigid support	OFD-101A-1.4				1.000		1-51-04. High Pressure Injection
Class B		1-51-04		to				
C03.020.033	1-51-SR47	0-439C	NDE-35	PT	SS	4.000		Calcalaton No. OSC-1537
	Rigid support	OFD-101A-1.3				0.750		Page 55.1; Problem No. 1-51-5 . System 51
Class B				to				
C03.020.034	1-51-SR48	0-439E	NDE-35	PT	SS	4.000		Calcalaton No. OSC-1537
	Rigid support	OFD-101A-1.3				0.750		Page 55.1; Problem No. 1-51-5 . System 51
Class B				to				
C03.020.035	1-51-SR49	0-444	NDE-35	PT	SS	4.000		Calculation No. OSC-1639, page 30.5; Problem No.
	Rigid support	OFD-101A-1.4				0.750		1-51-04. High Pressure Injection
Class B		1-51-04		to				
C03.020.037	1-51-SR51	0-444	NDE-35	PT	SS	4.000		Calculation No. OSC-1639, page 30.5; Problem No.
	Rigid support	OFD-101A-1.4				0.750		1-51-04. High Pressure Injection
Class B		1-51-04		to				

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

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Piping

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C03.020.038	1-51A-H115	0-435B	NDE-35	PT	SS	4.000		Calcalaton No. OSC-1410
	Rigid support	OFD-101A-1.3				0.750		Page104; Problem No. 1-51-13 . System 51
Class B				to				HPI CROSS CONNECT & HEADER
C03.020.039	1-51A-H91	0-439C	NDE-35	PT	SS	4.000		Calculation No. OSC-1639, page 32.2; Problem No.
	Rigid support	OFD-101A-1.4				0.750		1-51-04. High Pressure Injection.
Class B		1-51-04		to				
C03.020.043	1-53B-H1	2-0-436E	NDE-35	PT	SS	14.000		Calcalaton No. OSC-407;
	Rigid restraint	OFD-102A-1.1				0.216		Problem No. 1-53-1;SHT.2 OF 4 PAGE# 105.1;
Class B				to				SYSTEM 53 LP INJECTION LINE
C03.020.067	1-JWC-1707	0-490B-2A	NDE-25	MT	CS	0.000		Main Fdwtr. A-Rigid W-Z Axis
	Rigid support	OM-201-0176				1.000		Attach. closest to
Class B				to				W Axis
C03.020.068	1-JWC-1708	0-490B-2A	NDE-25	MT	CS	0.000		Main Fdwtr. A-Rigid W-Z Axis
	Rigid support	OM-201-0176				1.000		Attach. closest to Z
Class B				to				Axis
Total C03.020 Items:		13						
Total Category C-C Items:		13						

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

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

**DUKE POWER COMPANY
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Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
**** Circumferential Weld ****								
C05.011.003	1-53A-01-30L	1-53A-01(3)	NDE-600	UT	SS	10.000		Reference Request for Relief 95-GO-03 for calibration block. Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 53A Category C05.011.
	Circumferential	OFD-102A-1.2				1.125		
	Class B				Valve 1LP-48 to Pipe			
C05.011.003A	1-53A-01-30L	1-53A-01(3)	NDE-35	PT	SS	10.000		
	Circumferential	OFD-102A-1.2				1.125		
	Class B				Valve 1LP-48 to Pipe			

Total C05.011 Items: 2

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

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Piping Welds > 1/5 in. Nom Wall For Piping³
NPS 2 And 2 NPS 4

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential Weld ****								
C05.021.001	1-51A-01-79A	1-51A-01(3)	NDE-600	UT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.3		Elbow to Valve 1HP-148		0.531		
C05.021.001A	1-51A-01-79A	1-51A-01(3)	NDE-35	PT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.3		Elbow to Valve 1HP-148		0.531		
C05.021.002	1-51A-02-15B	1-51A-02	NDE-600	UT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.4		Pipe to Tee		0.531		
C05.021.002A	1-51A-02-15B	1-51A-02	NDE-35	PT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.4		Pipe to Tee		0.531		
C05.021.007	1-51A-122-19	1-51A-122	NDE-600	UT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.4		Pipe to Valve 1HP-410		0.531		
C05.021.007A	1-51A-122-19	1-51A-122	NDE-35	PT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.4		Pipe to Valve 1HP-410		0.531		
C05.021.012	1-51A-123-12	1-51A-123	NDE-600	UT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.4		Elbow to Pipe		0.531		
C05.021.012A	1-51A-123-12	1-51A-123	NDE-35	PT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.4		Elbow to Pipe		0.531		

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

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**Piping Welds > 1/5 in. Nom Wall For Piping³
NPS 2 And² NPS 4**

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
C05.021.018 Class B Circumferential	1-51A-124-10	1-51A-124 OFD-101A-1.3	NDE-600	UT	SS	4.000 0.531	Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Pipe			
C05.021.018A Class B Circumferential	1-51A-124-10	1-51A-124 OFD-101A-1.3	NDE-35	PT	SS	4.000 0.531	
				Elbow to Pipe			
C05.021.024 Class B Circumferential	1-51A-125-13	1-51A-125 OFD-101A-1.4	NDE-600	UT	SS	4.000 0.531	Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Pipe			
C05.021.024A Class B Circumferential	1-51A-125-13	1-51A-125 OFD-101A-1.4	NDE-35	PT	SS	4.000 0.531	
				Elbow to Pipe			
C05.021.030 Class B Circumferential	1-51A-127-4	1-51A-127 OFD-101A-1.3	NDE-600	UT	SS	4.000 0.531	Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Pipe			
C05.021.030A Class B Circumferential	1-51A-127-4	1-51A-127 OFD-101A-1.3	NDE-35	PT	SS	4.000 0.531	
				Elbow to Pipe			
C05.021.045 Class B Circumferential	1-51A-01-89A	1-51A-01(4) OFD-101A-1.3	NDE-600	UT	SS	4.000 0.531	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21. Reference Request for Relief 95-GO-03 for calibration block.
				Tee to Tee			
C05.021.045A Class B Circumferential	1-51A-01-89A	1-51A-01(4) OFD-101A-1.3	NDE-35	PT	SS	4.000 0.531	Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
				Tee to Tee			

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

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**Piping Welds > 1/5 in. Nom Wall For Piping³
NPS 2 And 2 NPS 4**

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.051 Class B	1-51A-02-16BA Circumferential	1-51A-02 OFD-101A-1.4	NDE-600	UT	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21. Reference Request for Relief 95-GO-03 for calibration block.
				Pipe to Elbow				
C05.021.051A Class B	1-51A-02-16BA Circumferential	1-51A-02 OFD-101A-1.4	NDE-35	PT	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 53B. Borrowing from system 51A category C5.21
				Pipe to Elbow				
C05.021.061 Class B	1-51A-03-99B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-600	UT	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21. Reference Request for Relief 95-GO-03 for calibration block.
				Pipe to Elbow				
C05.021.061A Class B	1-51A-03-99B Circumferential	1-51A-03(2) OFD-101A-1.4	NDE-35	PT	SS	4.000 0.531		Inspecting this weld in order to meet 7.5% of system 54A. Borrowing from system 51A category C5.21
				Pipe to Elbow				
C05.021.068 Class B	1-51A-136-24 Circumferential	1-51A-136 OFD-101A-1.1	NDE-600	UT	SS	2.500 0.552		Reference Request for Relief 95-GO-03 for calibration block.
				Pipe to Elbow				
C05.021.068A Class B	1-51A-136-24 Circumferential	1-51A-136 OFD-101A-1.1	NDE-35	PT	SS	2.500 0.552		
				Pipe to Elbow				
C05.021.074 Class B	1-51A-01-71A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-600	UT	SS	3.000 0.438		Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21. Reference Request for Relief 95-GO-03 for calibration block.
				Elbow to Valve 1HP-114				
C05.021.074A Class B	1-51A-01-71A Circumferential	1-51A-01(3) OFD-101A-1.3	NDE-35	PT	SS	3.000 0.438		Inspecting this weld in order to meet 7.5% of system 56. Borrowing from system 51A category C5.21
				Elbow to Valve 1HP-114				

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

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**Piping Welds > 1/5 in. Nom Wall For Piping³
NPS 2 And ² NPS 4**

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.076	1-51A-01-13A	1-51A-01(1)	NDE-600	UT	SS	3.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.3		Pipe to Elbow		0.216		Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 51A Category C5.21
C05.021.076A	1-51A-01-13A	1-51A-01(1)	NDE-35	PT	SS	3.000		Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 51A Category C5.21
Class B	Circumferential	OFD-101A-1.3		Pipe to Elbow		0.216		
C05.021.082	1-51A-01-106A	1-51A-01(4)	NDE-600	UT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.3		Pipe to Valve 1HP-115		0.531		Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 51A Category C5.21
C05.021.082A	1-51A-01-106A	1-51A-01(4)	NDE-35	PT	SS	4.000		Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 51A Category C5.21
Class B	Circumferential	OFD-101A-1.3		Pipe to Valve 1HP-115		0.531		
C05.021.088	1-51A-02-21B	1-51A-02	NDE-600	UT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.4		Pipe to Tee		0.531		Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 51A Category C5.21
C05.021.088A	1-51A-02-21B	1-51A-02	NDE-35	PT	SS	4.000		Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 51A Category C5.21
Class B	Circumferential	OFD-101A-1.4		Pipe to Tee		0.531		
C05.021.094	1-51A-02-7B	1-51A-02	NDE-600	UT	SS	4.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-101A-1.3		Elbow to Elbow		0.531		Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 51A Category C5.21
C05.021.094A	1-51A-02-7B	1-51A-02	NDE-35	PT	SS	4.000		Inspecting this weld in order to meet 7.5% of system 51B. Borrowing from system 51A Category C5.21
Class B	Circumferential	OFD-101A-1.3		Elbow to Elbow		0.531		

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

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**Piping Welds > 1/5 in. Nom Wall For Piping³
NPS 2 And 2 NPS 4**

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.021.103	1-RCP-FTR1A-SH-1	OM-201-0473	NDE-12	RT	SS	4.000		Reactor Coolant Pump Seal Supply Filter 1A Pc. 10
	Circumferential	OFD-101A-1.4				0.531		to Pc. 1 Outlet End.
Class B	Term end			Filter Hub to Filter Housing				
C05.021.103A	1-RCP-FTR1A-SH-1	OM-201-0473	NDE-35	PT	SS	4.000		
	Circumferential	OFD-101A-1.4				0.531		
Class B	Term end			Filter Hub to Filter Housing				
C05.021.104	1-RCP-FTR1A-SH-2	OM-201-0473	NDE-12	RT	SS	4.000		Reactor Coolant Pump Seal Supply Filter 1A Pc. 10
	Circumferential	OFD-101A-1.4				0.531		to Pc. 1 Inlet End.
Class B	Term end			Filter Hub to Filter Housing				
C05.021.104A	1-RCP-FTR1A-SH-2	OM-201-0473	NDE-35	PT	SS	4.000		
	Circumferential	OFD-101A-1.4				0.531		
Class B	Term end			Filter Hub to Filter Housing				

Total C05.021 Items: 36

**CATEGORY C-F-1, Pressure Retaining Welds
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Pipe Branch Connections of Branch Piping³
NPS 2

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential Weld ****								
C05.041.002	1-53B-01-87BA	1-53B-01(2)	NDE-35	PT	SS	8.000		Reinforcing collar at weld 87B.
Branch		OFD-102A-1.2				0.250		
Class B								Reinforcing collar to Pipe
C05.041.011	1-53B-06-21KA	1-53B-06(1)	NDE-35	PT	SS	8.000		
Branch		OFD-102A-1.2				0.148		
Class B								Pipe to Pipe
C05.041.012	1-53B-06-21KB	1-53B-06(1)	NDE-35	PT	SS	10.000		Reinforcing collar for weld 21KA.
Branch		OFD-102A-1.2				0.165		
Class B								Reinforcing collar to Pipe
C05.041.024	1-53B-02-121ZA	1-53B-13	NDE-35	PT	SS	4.000		
Branch		OFD-102A-1.1				0.120		
Class B								Pipe to Pipe
C05.041.025	1-53B-02-121Z	1-53B-13	NDE-35	PT	SS	4.000		Reinforcing collar weld at weld 121ZA.
Branch		OFD-102A-1.1				0.120		
Class B								Reinforcing collar to Pipe
Total C05.041 Items:		5						

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

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

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Circumferential Weld ****								
C05.051.006	1-MS17B-A	1-01A-1(1)	NDE-600	UT	CS	34.000		Grinnell subassembly MS17B. Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential					1.164		
				Elbow to Pipe				
C05.051.006A	1-MS17B-A	1-01A-1(1)	NDE-25	MT	CS	34.000		
Class B	Circumferential					1.164		
				Elbow to Pipe				
C05.051.009	1-01A-01-29C	1-01A-01(3) OFD-122A-1.1	NDE-600	UT	CS	12.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential					0.562		
				Pipe to Elbow				
C05.051.009A	1-01A-01-29C	1-01A-01(3) OFD-122A-1.1	NDE-25	MT	CS	12.000		
Class B	Circumferential					0.562		
				Pipe to Elbow				
C05.051.012	1-01A-02-11BA	1-01A-02 OFD-122A-1.1	NDE-600	UT	CS	24.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential					0.969		
	Term end			Reducer to Nozzle SG 1A				
C05.051.012A	1-01A-02-11BA	1-01A-02 OFD-122A-1.1	NDE-25	MT	CS	24.000		
Class B	Circumferential					0.969		
	Term end			Reducer to Nozzle SG 1A				
C05.051.017	1-01A-1-99	1-01A-01(2) OFD-122A-1.3	NDE-600	UT	CS	8.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential					0.500		
				Elbow to Pipe				
C05.051.017A	1-01A-1-99	1-01A-01(2) OFD-122A-1.3	NDE-25	MT	CS	8.000		
Class B	Circumferential					0.500		
				Elbow to Pipe				

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

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

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.030	1-FWD88-C	1-FWD88	NDE-600	UT	CS	14.000		Grinnell subassembly FWD88. Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential			Elbow to Pipe		0.750		
C05.051.030A	1-FWD88-C	1-FWD88	NDE-25	MT	CS	14.000		
Class B	Circumferential			Elbow to Pipe		0.750		
C05.051.033	1-20B-21-16-2	1-20B-21 OFD-116A-1.1	NDE-600	UT	CS	48.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential			Valve to Pipe 1PRV-1		0.500		
C05.051.033A	1-20B-21-16-2	1-20B-21 OFD-116A-1.1	NDE-25	MT	CS	48.000		
Class B	Circumferential			Valve to Pipe 1PRV-1		0.500		
C05.051.036	1-LPSW-344-21	1-LPSW-344 OFD-124B-1.2	NDE-600	UT	CS	8.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential			Pipe to Elbow		0.500		
C05.051.036A	1-LPSW-344-21	1-LPSW-344 OFD-124B-1.2	NDE-25	MT	CS	8.000		
Class B	Circumferential			Pipe to Elbow		0.500		
C05.051.040	1-LPSW-345-17	1-LPSW-345 OFD-124B-1.2	NDE-600	UT	CS	8.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential			Flange to Pipe		0.500		
C05.051.040A	1-LPSW-345-17	1-LPSW-345 OFD-124B-1.2	NDE-25	MT	CS	8.000		
Class B	Circumferential			Flange to Pipe		0.500		

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

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

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
C05.051.049	1-LPSW-346-21	1-LPSW-346	NDE-600	UT	CS	8.000		Reference Request for Relief 95-GO-03 for calibration block.
Class B	Circumferential	OFD-124B-1.2		Elbow to Pipe		0.500		
C05.051.049A	1-LPSW-346-21	1-LPSW-346	NDE-25	MT	CS	8.000		
Class B	Circumferential	OFD-124B-1.2		Elbow to Pipe		0.500		
Total C05.051 Items:		18						
**** Longitudinal Weld ****								
C05.052.002	1-20B-21-16-2L	1-20B-21	NDE-600	UT	CS	48.000		Reference Request for Relief 95-GO-03 for calibration block. Examine with C05.051.033
Class B	Longitudinal	OFD-116A-1.1		Valve to Pipe 1PRV-1		0.500		
C05.052.002A	1-20B-21-16-2L	1-20B-21	NDE-600	MT	CS	48.000		Reference Request for Relief 95-GO-03 for calibration block. Examine with C05.051.033A
Class B	Longitudinal	OFD-116A-1.1		Valve to Pipe 1PRV-1		0.500		
Total C05.052 Items:		2						

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

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Pipe Branch Connections of Branch Piping³
NPS 2

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

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

C05.081.004	1-03-09-40D	1-03-09	NDE-25	MT	CS	14.000		
	Branch	OFD-121B-1.3				0.750		
	Class B			Pipe to Tee				
C05.081.006	1-FWD67-A	1-FWD67	NDE-25	MT	CS	20.000		Grinnell subassembly FWD67
	Branch					1.031		
	Class B			Pipe to Pipe				

Total C05.081 Items:	2
Total Category C-F-2 Items:	65

**CATEGORY C-G, Pressure Retaining Welds
In Pumps And Valves**

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Valves
Ocone 1
Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Valve Body Welds ****								
C06.020.001	1-FDW-345	OM-245-659	NDE-25	MT	CS	6.000		Valve body weld on valve 1FDW-345
	Circumferential	OFD-121D-1.1				1.136		
Class B				Valve Body Neck to Valve Body				
<hr/>								
Total C06.020 Items:		1						
Total Category C-G Items:		1						

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

**DUKE POWER COMPANY
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Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Component Supports and Restraints ****								
D02.020.006	1-03-NPS-H16	0-478A	QAL-14	VT-3	NA	3.000		Calcalaton No. OSC-1224-16
	Rigid restraint	OFD-121D-1.1				0.203		Page 44; Problem No.1- 03A-14.
Class C				to				System 03A
								AUX. SERVICE WATER PIPE
D02.020.009	1-03A-DE063	1-0-400B	QAL-14	VT-3	NA	6.000		Calcalaton No. OSC-342
	Rigid restraint	OFD-121D-1.1				0.500		Page 103; Problem No. 03A-9 . System 03A
Class C				to				6"EMER. F.WTR. BYPASS
D02.020.031	1-03A-H72	1-0-437B	QAL-14	VT-3	NA	6.000		Calcalaton No. OSC-1224-19
	Rigid restraint	OFD-121D-1.1				0.500		Page 27; Problem No.1- 03A-13.
Class C				to				System 03A
								AUX. SERVICE WATER PIPE
D02.020.066	1-04A-R5	2-0-439B	QAL-14	VT-3	NA	6.000		Calcalaton No. OSC-1404
	Rigid restraint	OFD-121B-1.5				1.000		Page 77; Problem No.1- 04A-06.
Class C				to				System 04A OTSG SECONDARY SIDE DRAIN TO COND.
D02.020.067	1-04A-R6	2-0-439B	QAL-14	VT-3	NA	6.000		Calcalaton No. OSC-1404
	Rigid restraint	OFD-121B-1.5				0.375		Page 77; Problem No.1- 04A-06.
Class C				to				System 04A OTSG SECONDARY SIDE DRAIN TO COND.
D02.020.068	1-07A-H12	6-0-402A	QAL-14	VT-3	NA	24.000		Calcalaton No. OSC-361
	Rigid restraint	OFD-121A-1.7				1.750		Page 88.1;
Class C				to				Problem No.1-07A-01
								System 07A
D02.020.072	1-08-H4051	0-400A	QAL-14	VT-3	NA	10.000		Calculation Number OSC-1902 Sheet 2of 2; Problem
	Rigid restraint	OFD-122A-1.4				0.250		1-08-01 Page 39. System 08 Emergency Feedwater
Class C				to				Pump Turbine Exhaust to Condenser1B.
D02.020.075	1-14B-ASR17	0-436E	QAL-14	VT-3	NA	8.000		Calculation No. OSC-394, page 78; Problem No.
	Rigid restraint	OFD-121D-1.2				0.500		4-14-3, sh. 3. Auxiliary Feed water Lines from
Class C		4-14-3		to				Auxiliary Sevice Water Pump

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

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Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
D02.020.078	1-14B-CLF-901	0-400B	QAL-14	VT-3	NA	18.000		Calculation No. OS-395 Page 40, problem no.
	Rigid restraint	OFD-124A-1.1				0.322		1-14A-01 page 1 of 2. Low Pressure Service Water
Class C				to				
D02.020.084	1-14B-H2	1-0-439B	QAL-14	VT-3	NA	14.000		File OSC-1541 pg. 100. Low Pressure Service
	Rigid restraint	OFD-124B-1.2				0.500		Water Supply from Penetration 21, 30, 31 and 32 to
Class C		1-14-06		to				Coolers 1A & 1B.
D02.020.089	1-14B-RMC-0503	0-439B	QAL-14	VT-3	NA	8.000		File OSC-376 pg. 78. Low Pressure Service Water
	Rigid restraint	OFD-124B-1.2				0.237		Discharge I. E. B. 79-14, System 14B, sheet 1 of 3
Class C		1-14-04		to				
D02.020.095	1-14B-SR43	1-0-439B	QAL-14	VT-3	NA	18.000		File OSC-376 pg. 78. Low Pressure Service Water
	Rigid restraint	OFD-124B-1.2				0.322		Discharge I. E. B. 79-14, System 14B, sheet 1 of 3
Class C		1-14-04		to				
D02.020.099	1-14B-SR60	0-437A	QAL-14	VT-3	NA	20.000		Calcalaton No. OSC-1541;
	Rigid restraint	OFD-124B-1.1				1.000		Problem No. 1-14-06 SHT. 1 OF 3. System
Class C				to				14B;PAGE 100.1; LPSW SUPPLY TO RB
								COMPONENT COOLERS & LP COOLERS 1A & 1B
D02.020.102	1-57-H1	0-481A	QAL-14	VT-3	NA	12.000		Calcalaton No. OS-1313-06
	Rigid restraint	OFD-100A-1.2				0.750		Page 44.1;Problem No.1-57-01.
Class C				SS to				System 57 Pressurizer Relief Valve System
Total D02.020 Items:		14						

**CATEGORY D-B, Systems In Support Of ECC,
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Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
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****** Mechanical and Hydraulic Snubbers ******

D02.030.003	1-03-H4171	0-401B	QAL-14	VT-3	NA	24.000		Calculation No. OS-336 Page 45a.1; Problem No.
	Mech snubber	OFD-121B-1.3				0.322		1-03-01 Sheet 1 of 2. System 03 Auxiliary and
	Class C			to				Turbine Building. Inspect with Item No. F01.050.057

Total D02.030 Items: 1

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

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Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Spring Type Supports ****								
D02.040.004	1-03-H50	0-551	QAL-14	VT-3	NA		24.000	Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
Spring hanger		OFD-121B-1.3		to			0.187	
Class C								
D02.040.008	1-03-H63	0-439A	QAL-14	VT-3	NA		24.000	Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
Spring hanger		OFD-121B-1.3		to			0.187	
Class C								
D02.040.015	1-14B-H20	0-436D	QAL-14	VT-3	NA		16.000	Calculaton No. OSC-396; Problem No. 1-14-04 SHT.2 OF 3. System 14B;PAGE 77; LP SERVICE WATER DISCHARGE
Spring hanger		OFD-124B-1.1		FIG# 163 to			0.187	
Class C								
Total D02.040 Items:		3						

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

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Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
**** Constant Load Type Supports ****								
D02.050.001	1-04A-R12	2-0-439B	QAL-14	VT-3	NA		6.000	Calcalaton No. OSC-1404
	Constant support	OFD-121B-1.5					0.437	Page 77; Problem No. 1- 04A-06.
Class C				to				System 04A OTSG SECONDARY SIDE DRAIN TO COND.
<hr/>								
Total D02.050 Items:		1						
Total Category D-B Items:		19						

**CATEGORY D-C, Systems In Support Of RHR
From Spent Fuel Storage Pool**

DUKE POWER COMPANY
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Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
**** Component Supports and Restraints ****								
D03.020.001	1-56-DE034	4-0-437B	QAL-14	VT-3	NA	8.000		Calcalaton No. OS-421
	Rigid restraint	OFD-104A-1.2				0.125		Page 95; Problem No.4-56-02.
Class C				to				System 56 Spent Fuel Cooling
								Fig.162 Size 8
D03.020.003	1-56-H17	5-0-437B	QAL-14	VT-3	NA	8.000		Calcalaton No. OSC-1359-02
	Rigid restraint	OFD-104A-1.1				0.125		Page 28 ; Problem No.4-56-07
Class C				to				Spent Fuel Cooling (Suction Side)
								System 56 (Fig. 162 Size 8)
D03.020.008	1-56-H5133	0-437B	QAL-14	VT-3	NA	8.000		Calcalaton No. OSC-1359-02
	Rigid restraint	OFD-104A-1.1				0.125		Page 28 ; Problem No.4-56-07
Class C				Fig.162 to				Spent Fuel Cooling (Suction Side)
								System 56
D03.020.012	1-56-JTC-2903	0-443	QAL-14	VT-3	NA	8.000		Calcalaton No. OSC-421
	Rigid restraint	OFD-104A-1.1				0.500		Page 94; Problem No.4-56-02
Class C				to				Spent Fuel Cooling
								System 56
<hr/>								
Total D03.020 Items:		4						
Total Category D-C Items:		4						

CATEGORY F-A, Supports (Category A)**DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
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**Class 1 Mech. Conn. to Press. Retaining Comp.
& Bld. Structure**

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.010.005	1-51A-H6228	0-478A	QAL-14	VT-3	NA	2.500		Calculaton No. OSC-1660-11; Problem No. 1-55-03;SHT.1 OF 4; System 51A;PAGE# 65; RC PUMP PIPING TO HP INJECTION LETDOWN COOLERS
	Rigid restraint	OFD-101A-1.1				0.000		
Class A				to				
Total F01.010 Items:		1						
F01.012.003	1-50-H2A	0-479A	QAL-14	VT-3	NA	10.000		Pressurizer Surge Lines. Inspect with Item No. F01.050.003
	Hyd snubber	OFD-100A-1.1				0.000		
Class A				to				
F01.012.006	1-53A-H39C	0-481A	QAL-14	VT-3	NA	1.500		File OSC-1314-06 page 129. Pressurizer Relief Valve System
	Spring hanger	OFD-100A-1.2				0.000		
Class A		1-50-01		to				
F01.012.008	1-53A-H6200	0-479A	QAL-14	VT-3	NA	3.000		Calculaton No. OSC-1301-06; Problem No. 1-53-07; PAGE# 91; SYSTEM 53A; DECAY HEAT REMOVAL SYS
	Spring hanger	OFD-102A-1.1				0.000		
Class A				to				
F01.012.009	1-57-H13-A	0-481A	QAL-14	VT-3	NA	4.000		Calculaton No. OS-1313-06 Page 44.1;Problem No.1-57-01. System 57 Pressurizer Relief Valve System. Inspect with Item No. F01.050.022
	Hyd snubber	OFD-100A-1.2				0.000		
Class A				to				
Total F01.012 Items:		4						

CATEGORY F-A, Supports (Category A)**DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System****Plan Report
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02/07/96****Class 2 Weld Connections to Building Structure****Oconee 1****Inservice Inspection Plan for Interval 3 Outage 1**

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.020.008 Class B	1-14-H54 Rigid restraint	0-480A OFD-124B-1.3 1-14-14	QAL-14	VT-3 to	NA	8.000 0.000		Calculation No. OSC-1407, Problem 1-14-14 sh. 17. Low Pressure Service Water from Penetration 32 to Cooler
F01.020.009 Class B	1-14-H63 Rigid restraint	0-480A OFD-124B-1.3 1-14-14	QAL-14	VT-3 ss to	NA	8.000 0.000		Calculation No. OSC-1407, Problem 1-14-14 sh. 17. Low Pressure Service Water from Penetration 32 to Cooler
F01.020.016 Class B	1-51A-H100 Rigid support	0-439A OFD-101A-1.4 1-51-04	QAL-14	VT-3 to	NA	4.000 0.000		Calculation No. OSC-1639, page 32.2; Problem No. 1-51-04. High Pressure Injection.
F01.020.022 Class B	1-51B-DE051 Rigid support	2-0-437A OFD-101A-1.4 1-51-07	QAL-14	VT-3 to	NA	4.000 0.000		Calculation No. OSC-1539, page 73; Problem No. 1-51-07. High Pressure Injection.
F01.020.027 Class B	1-53B-H1 Rigid restraint	2-0-436E OFD-102A-1.1	QAL-14	VT-3 to	NA	14.000 0.216		Calculation No. OSC-407; Problem No. 1-53-1;SHT.2 OF 4 PAGE# 105.1; SYSTEM 53 LP INJECTION LINE
F01.020.037 Class B	1-54A-DE10 Rigid restraint	0-435B OFD-103A-1.1	QAL-14	VT-3 Sway Strut Fig162 to	NA	8.000 0.125		Calculation No. OS-415 Page 50; Problem No. 1-54-2 Sheet 1 of 1. System 54A Auxiliary Building. Examine during outage 16 for surveillance item from second interval.
F01.020.038 Class B	1-54A-H23 Rigid restraint	3-0-439A OFD-103A-1.1	QAL-14	VT-3 to	NA	8.000 0.000		Calculation No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.
F01.020.043 Class B	1-56-SR18 Rigid restraint	0-437B OFD-104A-1.2	QAL-14	VT-3 to	NA	8.000 0.500		Calculation No. OS-421 Page 95;Problem No.4-56-02. System 56 Spent Fuel Cooling

Total F01.020 Items:**8**

CATEGORY F-A, Supports (Category B)**DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System****Plan Report
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02/07/96****Class 2 Weld Connections to Building Structure****Oconee 1****Inservice Inspection Plan for Interval 3 Outage 1**

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.021.005	1-14-H19B	0-479A	QAL-14	VT-3	NA	8.000		File OSC-1407 Sh 16. Low Pressure Service Water from Penetration 32 to Cooler1B. Problem No.1-14-14
	Rigid restraint	OFD-124B-1.2				0.000		
Class B		1-14-14		to				
F01.021.008	1-14-H6	0-479A	QAL-14	VT-3	NA	6.000		File OSC-1409 pg. 16. Low Pressure Service Water - Reactor Bldg. Cooling (sheet 1). Problem No;1-14-15
	Rigid restraint	OFD-124B-1.2				0.216		
Class B		1-14-15		to				
F01.021.013	1-51A-H91	0-439C	QAL-14	VT-3	NA	4.000		Calculation No. OSC-1639, page 32.2; Problem No. 1-51-04. High Pressure Injection.
	Rigid support	OFD-101A-1.4				0.750		
Class B		1-51-04		to				
F01.021.024	1-56-DE001	0-439C	QAL-14	VT-3	NA	8.000		Calculation No. OSC-421 Page 93; Problem No.4-56-02 Spent Fuel Cooling System 56
	Rigid restraint	OFD-104A-1.1				0.000		
Class B				to				
Total F01.021 Items:		4						
F01.022.012	1-51A-H3	1-0-444	QAL-14	VT-3	NA	4.000		Calculation No. OSC-1537 Page 56.1; Problem No. 1-51-5 . System 51
	Spring hanger	OFD-101A-1.3				0.500		
Class B				to				
F01.022.016	1-53B-H1	3-0-444	QAL-14	VT-3	NA	12.000		Calculation No. OSC-407; Problem No. 1-53-1;SHT.2 OF 4 PAGE# 105.1; SYSTEM 53 LP INJECTION LINE
	Spring hanger	OFD-102A-1.1				1.000		
Class B				to				
F01.022.017	1-53B-H10	4-0-435B	QAL-14	VT-3	NA	14.000		Calculation No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 PAGE#104; SYSTEM 53B; LP INJECTION LINE
	Spring hanger	OFD-102A-1.1				0.237		
Class B				to				

CATEGORY F-A, Supports (Category C)

DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System

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Class 2 Weld Connections to Building Structure

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.022.024	1-54A-R5	3-0-435B	QAL-14	VT-3	NA	8.000		Calcutaton No. OSC-1628 Page 60; Problem No.
	Rigid restraint	OFD-103A-1.1				0.000		1-54-01 Sheet 1 of 1. System 54A Auxiliary
Class B				Sway Strut to				Building.

Total F01.022 Items: 4

CATEGORY F-A, Supports (Category A)**DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System****Plan Report
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02/07/96****Class 3 Weld/Mech Conns at Inter Joints in
Multiconn Int & Nonint Supp****Oconee 1****Inservice Inspection Plan for Interval 3 Outage 1**

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.030.017 Class C	1-04A-H17 Rigid restraint	2-0-439B OFD-121B-1.5	QAL-14	VT-3 to	NA	6.000 0.000		Calcaluton No. OSC-1404 Page 77; Problem No.1- 04A-06. System 04A OTSG SECONDARY SIDE DRAIN TO COND. This hanger is currently required to be examined during Outage 1. As this hanger is adjacent to hanger F01.031.006 (reportable Outage 1) it is also being examined per IWF-2430(a).
F01.030.020 Class C	1-07A-GTE-1901 Rigid restraint	0-400B OFD-121A-1.8	QAL-14	VT-3 to	NA	8.000 0.000		Calcaluton No. OSC-362 Page 56; Problem No.1-07A-2 L.P.& H.P.Condensate System 07A
F01.030.021 Class C	1-07A-SR8 Rigid restraint	0-400B OFD-121A-1.8	QAL-14	VT-3 to	NA	8.000 0.000		Calcaluton No. OSC-362 Page 55; Problem No.1-07A-2 L.P.& H.P.Condensate System 07A
F01.030.022 Class C	1-08-H4050 Rigid restraint	0-400A OFD-122A-1.4	QAL-14	VT-3 to	NA	10.000 0.000		Calculation Number OSC-1902 Sheet 2 of 2; Problem 1-08-01 Page 39. System 08 Emergency Feedwater Pump Turbine Exhaust to Condenser1B.
F01.030.035 Class C	1-56-DE009 Rigid restraint	0-438C OFD-104A-1.1	QAL-14	VT-3 to	NA	8.000 0.000		Calcaluton No. OSC-421 Page 94; Problem No.4-56-02 Spent Fuel Cooling System 56
F01.030.036 Class C	1-56-H17 Rigid restraint	5-0-437B OFD-104A-1.1	QAL-14	VT-3 to	NA	8.000 0.125		Calcaluton No. OSC-1359-02 Page 28 ; Problem No.4-56-07 Spent Fuel Cooling (Suction Side) System 56 (Fig. 162 Size 8)
F01.030.041 Class C	1-57-H1 Rigid restraint	0-481A OFD-100A-1.2	QAL-14	VT-3 SS to	NA	12.000 0.750		Calcaluton No. OS-1313-06 Page 44.1; Problem No.1-57-01. System 57 Pressurizer Relief Valve System

CATEGORY F-A, Supports (Category A)

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Inservice Inspection Database Management System

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

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK	CAL BLOCKS	COMMENTS
F01.030.042	1-04A-H16	2-0-439B	QAL-14	VT-3	NA	6.000		Calcaluton No. OSC-1404
	Rigid restraint	OFD-121B-1.5				0.000		Page 77;Problem No.1- 04A-06.
Class C				to				System 04A OTSG SECONDARY SIDE DRAIN TO COND.
								This hanger is being added to Outage 1 because it is adjacent to hanger F01.031.006 (reportable Outage 1). This hanger will be examined per IWF-2430(a).
Total F01.030 Items:		8						
F01.031.002	1-03-H6175	0-480A	QAL-14	VT-3	NA	6.000		Calcaluton No. OSC-1224-16
	Rigid restraint	OFD-121D-1.1				0.000		Page 41;Problem No.1- 03A-14.
Class C				to				System 03A
								AUX. SERVICE WATER PIPE
F01.031.006	1-04A-R5	2-0-439B	QAL-14	VT-3	NA	6.000		Calcaluton No. OSC-1404
	Rigid restraint	OFD-121B-1.5				1.000		Page 77;Problem No.1- 04A-06.
Class C				to				System 04A OTSG SECONDARY SIDE DRAIN TO COND.
F01.031.008	1-08-H4055	0-400A	QAL-14	VT-3	NA	10.000		Calculation Number OSC-1902 Sheet 2 of 2; Problem
	Rigid restraint	OFD-122A-1.4				0.000		1-08-01 Page 39. System 08 Emergency Feedwater
Class C				to				Pump Turbine Exhaust to Condenser1B.
F01.031.016	1-04A-R6	2-0-439B	QAL-14	VT-3	NA	6.000		Calcaluton No. OSC-1404
	Rigid restraint	OFD-121B-1.5				0.375		Page 77;Problem No.1- 04A-06.
Class C				to				System 04A OTSG SECONDARY SIDE DRAIN TO COND.
								This hanger was added to the ISI Plan per IWF-2430(a); for the reportable hanger F01.031.006 id'd during Outage 1, third interval.
Total F01.031 Items:		4						
F01.032.004	1-03-H63	0-439A	QAL-14	VT-3	NA	24.000		Calculation No. OS-336 Page 45a.1; Problem No.
	Spring hanger	OFD-121B-1.3				0.187		1-03-01 Sheet 1 of 2. System 03 Auxiliary and
Class C				to				Turbine Building.

CATEGORY F-A, Supports (Category C)

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Class 3 Weld/Mech Conns at Inter Joints in

Oconee 1

Multiconn Int & Nonint Supp**Inservice Inspection Plan for Interval 3 Outage 1**

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.032.006	1-04A-R12	2-0-439B	QAL-14	VT-3	NA	6.000		Calcalaton No. OSC-1404
	Constant suppor	OFD-121B-1.5				0.437		Page 77;Problem No.1- 04A-06.
Class C				to				System 04A OTSG SECONDARY SIDE DRAIN TO COND.

Total F01.032 Items: 2

CATEGORY F-A, Supports

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

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
F01.040.006	1-DHRC-A-SUPPORT	OM-201-286	QAL-14	VT-3	NA		0.000	Decay Heat Removal Cooler 1A
		OFD-102A-1.2					0.000	
Class B				to				
Total F01.040 Items:		1						

CATEGORY F-A, Supports

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Spring Supports & Constant Load Supports

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.001 Class A	1-50-H12 Hyd snubber	0-479A OFD-100A-1.1	QAL-14	VT-3 to	NA	2.500 0.000		Calclaton No. OSC-1314-06 Page 129; Problem No.1-50-01 Pressurizer Spray System System 50
F01.050.002 Class A	1-50-H1A Hyd snubber	0-479A OFD-100A-1.1	QAL-14	VT-3 to	NA	10.000 0.000		Pressurizer Surge Lines
F01.050.003 Class A	1-50-H2A Hyd snubber	0-479A OFD-100A-1.1	QAL-14	VT-3 to	NA	10.000 0.000		Pressurizer Surge Lines.
F01.050.004 Class A	1-50-H3 Hyd snubber	0-481A OFD-100A-1.2 1-50-01	QAL-14	VT-3 to	NA	2.500 0.154		File OSC-1314-06 page 129. Pressurizer Relief Valve System
F01.050.005 Class A	1-50-H3A Hyd snubber	0-479A OFD-100A-1.1	QAL-14	VT-3 to	NA	10.000 0.000		Pressurizer Surge Lines
F01.050.006 Class A	1-50-H7 Hyd snubber	0-481A OFD-100A-1.1	QAL-14	VT-3 to	NA	2.500 0.500		Calclaton No. OSC-1314-06 Page 129; Problem No.1-50-01 Pressurizer Spray System System 50
F01.050.007 Class A	1-50-H8 Hyd snubber	0-480A OFD-100A-1.1	QAL-14	VT-3 to	NA	2.500 0.000		Calclaton No. OSC-1314-06 Page 129; Problem No.1-50-01 Pressurizer Spray System System 50
F01.050.008 Class A	1-50-H9 Hyd snubber	0-480A OFD-100A-1.1	QAL-14	VT-3 to	NA	2.500 0.000		Calclaton No. OSC-1314-06 Page 129; Problem No.1-50-01 Pressurizer Spray System System 50

CATEGORY F-A, Supports

DUKE POWER COMPANY
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Spring Supports & Constant Load Supports

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.009	1-50-H10	0-480A	QAL-14	VT-3	NA	2.500		Calcalton No. OSC-1314-06
	Hyd snubber	OFD-100A-1.1				0.000		Page 129; Problem No.1-50-01
Class A				to				Pressurizer Spray System
								System 50
F01.050.011	1-50-H1	0-481A	QAL-14	VT-3	NA	2.500		File OSC-1314-06 page 129. Pressurizer Relief
	Hyd snubber	OFD-100A-1.2				0.000		Valve System.
Class A		1-50-01		to				
F01.050.012	1-51A-H17A	0-479A	QAL-14	VT-3	NA	2.500		Calculation No. OSC-1304-06, page 61; Problem No.
	Hyd snubber	OFD-101A-1.4				0.145		1-51-15. High Pressure Injection.
Class A		1-51-15		to				
F01.050.013	1-53A-H5A	0-479A	QAL-14	VT-3	NA	12.000		Calcalton No. OSC-1301-06;
	Hyd snubber	OFD-102A-1.1				0.000		Problem No. 1-53-07; Page #92; System 53A; Decay
Class B				to				Heat Removal System
F01.050.014	1-53A-H5B	0-479A	QAL-14	VT-3	NA	12.000		Calcalton No. OSC-1301-06;
	Hyd snubber	OFD-102A-1.1				0.000		Problem No. 1-53-07; Page #92; System 53A; Decay
Class B				to				Heat Removal System.
F01.050.015	1-03-H7B	0-480A	QAL-14	VT-3	NA	24.000		Calculation No. OSC-1297-06 ; Problem No. 1-03-05
	Hyd snubber	OFD-121B-1.3				0.237		. System 03 Steam Generator 1B .
Class B				to				
F01.050.016	1-50-H11	0-480A	QAL-14	VT-3	NA	1.500		Calcalton No. OSC-1314-06
	Hyd snubber	OFD-100A-1.1				0.000		Page 129; Problem No.1-50-01
Class A				to				Pressurizer Spray System
								System 50.
F01.050.017	1-03-H10A	0-480B	QAL-14	VT-3	NA	20.000		Calculation No. OSC-1297-06; Problem No. 1-03-06
	Hyd snubber	OFD-121B-1.3				0.000		Sheet 1 of 2; System 03 Steam Generator 1A .
Class B				to				

CATEGORY F-A, Supports

DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System

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Spring Supports & Constant Load Supports

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.018	1-53A-H40C	0-481A	QAL-14	VT-3	NA	1.500		File OSC-1314-06 page 129. Pressurizer Relief Valve System
Class A	Hyd snubber	OFD-100A-1.2		to		0.000		
		1-50-01						
F01.050.019	1-53A-H41C	0-481A	QAL-14	VT-3	NA	2.500		File OSC-1314-06 page 129. Pressurizer Relief Valve System
Class A	Hyd snubber	OFD-100A-1.2		to		0.000		
		1-50-01						
F01.050.020	1-57-H10	0-481A	QAL-14	VT-3	NA	6.000		Calcutaton No. OS-1313-06
Class C	Hyd snubber	OFD-100A-1.2		to		0.000		Page 44.1;Problem No.1-57-01.
								System 57 Pressurizer Relief Valve System
F01.050.021	1-57-H11	0-481A	QAL-14	VT-3	NA	6.000		Calcutaton No. OS-1313-06
Class C	Hyd snubber	OFD-100A-1.2		to		0.000		Page 44.1;Problem No.1-57-01.
								System 57 Pressurizer Relief Valve System
F01.050.022	1-57-H13-A	0-481A	QAL-14	VT-3	NA	4.000		Calcutaton No. OS-1313-06
Class A	Hyd snubber	OFD-100A-1.2		to		0.000		Page 44.1;Problem No.1-57-01.
								System 57 Pressurizer Relief Valve System.
F01.050.023	1-57-H14	0-481A	QAL-14	VT-3	NA	8.000		Calcutaton No. OS-1313-06
Class C	Hyd snubber	OFD-100A-1.2		to		0.216		Page 44.1;Problem No.1-57-01.
								System 57 Pressurizer Relief Valve System.
F01.050.024	1-57-H15	0-481A	QAL-14	VT-3	NA	8.000		Calcutaton No. OS-1313-06
Class C	Hyd snubber	OFD-100A-1.2		to		0.000		Page 44.1;Problem No.1-57-01.
								System 57 Pressurizer Relief Valve System
F01.050.025	1-57-H17	0-481A	QAL-14	VT-3	NA	6.000		Calcutaton No. OS-1313-06
Class C	Hyd snubber	OFD-100A-1.2		to		0.000		Page 44.1;Problem No.1-57-01.
								System 57 Pressurizer Relief Valve System

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK CAL BLOCKS	COMMENTS
F01.050.026	1-57-H18	0-481A	QAL-14	VT-3	NA	6.000	Calcaluton No. OS-1313-06
	Hyd snubber	OFD-100A-1.2				0.000	Page 44.1; Problem No. 1-57-01.
Class C				to			System 57 Pressurizer Relief Valve System
F01.050.027	1-57-H22	0-481A	QAL-14	VT-3	NA	6.000	Calcaluton No. OS-1313-06
	Hyd snubber	OFD-100A-1.2				0.000	Page 44.1; Problem No. 1-57-01.
Class C				to			System 57 Pressurizer Relief Valve System
F01.050.028	1-57-H26	0-481A	QAL-14	VT-3	NA	6.000	Calcaluton No. OS-1313-06
	Hyd snubber	OFD-100A-1.2				0.000	Page 44.1; Problem No. 1-57-01.
Class C				to			System 57 Pressurizer Relief Valve System
F01.050.029	1-57-H9	0-481A	QAL-14	VT-3	NA	6.000	Calcaluton No. OS-1313-06
	Hyd snubber	OFD-100A-1.2				1.000	Page 44.1; Problem No. 1-57-01.
Class C				to			System 57 Pressurizer Relief Valve System.
F01.050.030	1-01A-H10B	0-481B	QAL-14	VT-3	NA	24.250	Calcaluton No. OSC-1296-06;
	Hyd snubber	OFD-122A-1.1				0.437	Problem No. 1-01-08; System 01A; Page# 6
Class B							(1)-25.18; Main Steam From Pen 28 TO SG 1B
F01.050.031	1-01A-H11A	0-481B	QAL-14	VT-3	NA	24.250	Calcaluton No. OSC-1296-06;
	Hyd snubber	OFD-122A-1.1				0.437	Problem No. 1-01-07; System 01A; Page# 6
Class B							(2)-24.23A Main Steam From Pen 26 TO SG 1A
F01.050.032	1-01A-H11B	0-481B	QAL-14	VT-3	NA	24.250	Calcaluton No. OSC-1296-06;
	Hyd snubber	OFD-122A-1.1				0.437	Problem No. 1-01-08; System 01A; Page# 6
Class B							(1)-25.18; Main Steam From Pen 28 TO SG 1B
F01.050.033	1-01A-H12A	0-481B	QAL-14	VT-3	NA	24.250	Calcaluton No. OSC-1296-06;
	Hyd snubber	OFD-122A-1.1				0.375	Problem No. 1-01-07; System 01A; Page# 6
Class B				to			(2)-24.23A Main Steam From Pen 26 TO SG 1A

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.034	1-01A-DE005	0-550	QAL-14	VT-3	NA	34.000		Calcutaton No. OSC-320;
	Hyd snubber	OFD-122A-1.1				0.000		Problem No. 1-01-01;Sht.1 of 3; System 01A;Page#
Class B				to				131.1; Main Steam Piping.
F01.050.035	1-01A-DE006	0-550	QAL-14	VT-3	NA	34.000		Calcutaton No. OSC-320;
	Hyd snubber	OFD-122A-1.1				0.000		Problem No. 1-01-01;Sht.1 of 3; System 01A;Page#
Class B				to				131.1; Main Steam Piping.
F01.050.036	1-01A-R-2-1	0-550	QAL-14	VT-3	NA	34.000		Calcutaton No. OSC-320;
	Hyd snubber	OFD-122A-1.1				0.687		Problem No. 1-01-01;Sht.1 of 3; System 01A;Page#
Class B				to				131.1; Main Steam Piping
F01.050.037	1-01A-R-2-2	0-550	QAL-14	VT-3	NA	34.000		Calcutaton No. OSC-320;
	Hyd snubber	OFD-122A-1.1				0.687		Problem No. 1-01-01;Sht. 1 of 3; System 01A;Page#
Class B				to				131.1; Main Steam Piping
F01.050.038	1-01A-R12	0-550	QAL-14	VT-3	NA	34.000		Calcutaton No. OSC-320;
	Hyd snubber	OFD-122A-1.1				0.000		Problem No. 1-01-01;Sht.2 of 3; System 01A;Page#
Class B				to				132; Main Steam Piping
F01.050.039	1-01A-R9-1	0-550	QAL-14	VT-3	NA	34.000		Calcutaton No. OSC-320;
	Hyd snubber	OFD-122A-1.1				0.687		Problem No. 1-01-01;Sht.1 of 3; System 01A; Page#
Class B				to				131.1; Main Steam Piping
F01.050.040	1-01A-R9-2	0-550	QAL-14	VT-3	NA	34.000		Calcutaton No. OSC-320;
	Hyd snubber	OFD-122A-1.1				0.687		Problem No. 1-01-01; sht. 1 of 3; System 01A; Page#
Class B				to				131.1; Main Steam Piping
F01.050.041	1-01A-R9-3	0-550	QAL-14	VT-3	NA	34.000		Calcutaton No. OSC-320;
	Hyd snubber	OFD-122A-1.1				0.687		Problem No. 1-01-01; Sht. 1 of 3; System 01A;
Class B				to				Page# 131.1; Main Steam Piping

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F01.050.042	1-01A-R9-4	0-550	QAL-14	VT-3	NA	34.000	Calcalaton No. OSC-320; Problem No. 1-01-01; Sht.1 of 3; System 01A; Page# 131.1; Main Steam Piping
Class B	Hyd snubber	OFD-122A-1.1		to		0.687	
F01.050.043	1-03-R12	0-551	QAL-14	VT-3	NA	24.000	Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
Class C	Hyd snubber	OFD-121B-1.3		to		1.000	
F01.050.044	1-03-R7	0-551	QAL-14	VT-3	NA	24.000	Calculation No. OS-336 Page 45a.1; Problem No. 1-03-01 Sheet 1 of 2. System 03 Auxiliary and Turbine Building.
Class C	Hyd snubber	OFD-121B-1.3		to		1.000	
F01.050.045	1-03A-SR56	1-0-400B	QAL-14	VT-3	NA	6.000	Calcalaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6" Emergency Feedwater Bypass
Class C	Hyd snubber	OFD-121D-1.1		to		0.000	
F01.050.046	1-03A-SR57	1-0-400B	QAL-14	VT-3	NA	6.000	Calcalaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6" Emergency Feedwater Bypass
Class C	Hyd snubber	OFD-121D-1.1		to		0.000	
F01.050.047	1-03A-SR58	1-0-400B	QAL-14	VT-3	NA	6.000	Calcalaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6" Emergency Feedwater Bypass
Class C	Hyd snubber	OFD-121D-1.1		to		0.000	
F01.050.048	1-03A-SR59	1-0-400B	QAL-14	VT-3	NA	6.000	Calcalaton No. OSC-342 Page 104; Problem No. 03A-9 . System 03A 6" Emergency Feedwater Bypass
Class C	Hyd snubber	OFD-121D-1.1		to		0.000	
F01.050.049	1-03A-SR50	1-0-401A	QAL-14	VT-3	NA	6.000	Calculation Number OSC-339; Problem Number 1-03A-5 Sheet 1 of 4; System 03A Emergency Feedwater.
Class C	Hyd snubber	OFD-121B-1.3		to		0.000	

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.050	1-03A-SR63	1-0-438B	QAL-14	VT-3	NA	6.000		Calcuton No. OSC-342
	Hyd snubber	OFD-121D-1.1				0.000		Page 102; Problem No. 03A-9 . System 03A
Class C				to				6" Emergency Feedwater Bypass
F01.050.051	1-03A-SR64	1-0-439B	QAL-14	VT-3	NA	6.000		Calcuton No. OSC-1224-19
	Hyd snubber	OFD-121D-1.1				0.000		Page 27; Problem No. 1- 03A-13.
Class C				to				System 03A
								Aux. Service Water Pipe
F01.050.052	1-01A-H40	1-1-0-401A	QAL-14	VT-3	NA	12.000		Calcuton No. OSC-321
	Hyd snubber	OFD-122A-1.2				0.000		Page 111; Problem No. 1-01-2 Sht. 2 of 5 System
Class B				to				01A; Main Steam Bypass To Condenser
F01.050.053	1-01A-H44	1-1-0-401A	QAL-14	VT-3	NA	12.000		Calcuton No. OSC-321;
	Hyd snubber	OFD-122A-1.2				0.000		Problem No. 1-01-2 Sht. 3 of 5. System 01A; Main
Class B				to				Steam Bypass To Condenser
F01.050.054	1-01A-R6	4-1-0-403C	QAL-14	VT-3	NA	6.000		Calculation Number OSC-325 Sheet 1 of 3; Problem
	Hyd snubber	OFD-122A-1.4				0.250		1-01-06 Page 88. System 01A . Steam Supply to
Class C				to				Emergency Feedwater Pump Turbine.
F01.050.055	1-01A-R2	4-2-0-403C	QAL-14	VT-3	NA	6.000		Calculation Number OSC-325 Sheet 2 of 3; Problem
	Hyd snubber	OFD-122A-1.4				0.000		1-01-06 Page 89.1. System 01A . Steam Supply to
Class C				to				Emergency Feedwater Pump Turbine.
F01.050.056	1-03A-DE058	0-401A	QAL-14	VT-3	NA	6.000		Calcuton No. OSC-339
	Mech snubber	OFD-121D-1.1				0.000		Page 79; Problem No. 1-03A-5 . System 03A 6"
Class C				to				Emergency Feedwater To 24" Main Feedwater.
F01.050.057	1-03-H4171	0-401B	QAL-14	VT-3	NA	24.000		Calculation No. OS-336 Page 45a.1; Problem No.
	Mech snubber	OFD-121B-1.3				0.322		1-03-01 Sheet 1 of 2. System 03 Auxiliary and
Class C				to				Turbine Building.

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.058	1-53B-DE056	0-435B	QAL-14	VT-3	NA	10.000		Calculation Number OS-406 Sheet 1 of 1; Problem No. 1-53-03 Page 71. System 53B Decay Heat Pump 1B and 1C to Decay Heat Cooler 1B .
	Mech snubber	OFD-102A-1.2				0.000		
Class B				to				
F01.050.059	1-53B-DE059	0-435B	QAL-14	VT-3	NA	10.000		Calculation Number OS-408 Sheet 1 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
	Mech snubber	OFD-102A-1.2				0.000		
Class B				to				
F01.050.060	1-53B-DE066	0-435B	QAL-14	VT-3	NA	14.000		Calculation No. OS-407; Problem No. 1-53-1;SHT.1 OF 4 Page #104; System 53B; LP Injection Line
	Mech snubber	OFD-102A-1.1				0.000		
Class B				to				
F01.050.061	1-54A-DE-020	0-435B	QAL-14	VT-3	NA	8.000		Calculation No. OS-415 Page 50; Problem No. 1-54-2 Sheet 1 of 1. System 54A Auxiliary Building.
	Mech snubber	OFD-103A-1.1				0.000		
Class B				to				
F01.050.062	1-54A-DE015	0-435B	QAL-14	VT-3	NA	8.000		Calculation No. OSC-1628 Page 60; Problem No. 1-54-01, Sheet 1 of 1. System 54A Auxiliary Building.
	Mech snubber	OFD-103A-1.1				0.000		
Class B				to				
F01.050.063	1-51A-DE001A	0-435C	QAL-14	VT-3	NA	4.000		Calculation No. OSC-1410 Page105; Problem No. 1-51-13 . System 51 HPI.
	Mech snubber	OFD-101A-1.3				0.000		
Class B				to				
F01.050.064	1-53B-DE060	0-436D	QAL-14	VT-3	NA	10.000		Calculation Number OS-408 Sheet 1 of 3; Problem No. 1-53-02 . System 53B LPI Injection and Decay Heat Removal
	Mech snubber	OFD-102A-1.2				0.000		
Class B				to				
F01.050.065	1-53B-DE055	0-438C	QAL-14	VT-3	NA	12.000		Calculation No. OS-404; Problem No. 1-53-04; Sht.1 of 1; Page #39; System 53B; Decay Heat RemovalL System & LP Injection.
	Mech snubber	OFD-102A-1.1				0.000		
Class B				to				

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIATHK CAL BLOCKS	COMMENTS
F01.050.066	1-53B-DE057	0-438C	QAL-14	VT-3	NA	8.000	Calcuton No. OS-408; Problem No. 1-53-02; Sht.2 of 3; Page #73.3; System 53B; Decay Heat Removal System & LP Injection
Class B	Mech snubber	OFD-102A-1.1		to		0.000	
F01.050.067	1-51A-H102	0-439A	QAL-14	VT-3	NA	4.000	Calculation No. OSC-1639, page 32.2; Problem No. 1-51-04. High Pressure Injection.
Class B	Mech snubber	OFD-101A-1.4 1-51-04		to		0.000	
F01.050.068	1-51A-H97	0-439A	QAL-14	VT-3	NA	4.000	Calculation No. OSC-1639, page 32.2; Problem No. 1-51-04. High Pressure Injection.
Class B	Mech snubber	OFD-101A-1.4 1-51-04		to		0.000	
F01.050.069	1-54A-R16	0-439A	QAL-14	VT-3	NA	8.000	Calcuton No. OS-416 Page 58.1; Problem No. 1-54-03, Sheet 1 of 1. System 54A Auxiliary Building.
Class B	Mech snubber	OFD-103A-1.1		to		1.000	
F01.050.070	1-51A-H80	0-439C	QAL-14	VT-3	NA	4.000	Calculation No. OSC-1639, page 33; Problem No. 1-51-04. High Pressure Injection.
Class B	Mech snubber	OFD-101A-1.4 1-51-04		to		0.000	
F01.050.071	1-51A-H86	0-439C	QAL-14	VT-3	NA	4.000	Calculation No. OSC-1639, page 32.2; Problem No. 1-51-04. High Pressure Injection.
Class B	Mech snubber	OFD-101A-1.4 1-51-04		to		0.000	
F01.050.072	1-53A-GPD-H0010	0-479A	QAL-14	VT-3	NA	12.000	Calcuton No. OSC-1301-06; Problem No. 1-53-07; Page #92; System 53A; Decay Heat Removal System
Class B	Mech snubber	OFD-102A-1.1		to		0.000	
F01.050.073	1-03-H6068	0-479F	QAL-14	VT-3	NA	6.000	Calcuton No. OSC-1224-16 Page 42; Problem No.1- 03A-14. System 03A Aux. Service Water Pipe.
Class C	Mech snubber	OFD-121D-1.1		to		0.000	

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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
F01.050.074	1-03-H6020	0-480A	QAL-14	VT-3	NA	6.000		Calcaluton No. OSC-1224-16
	Mech snubber	OFD-121D-1.1				0.000		Page 42; Problem No.1- 03A-14.
Class C				to				System 03A
								Aux. Service Water Pipe
F01.050.075	1-03-H6070	0-480A	QAL-14	VT-3	NA	6.000		Calcaluton No. OSC-1224-16
	Mech snubber	OFD-121D-1.1				0.000		Page 41; Problem No.1- 03A-14.
Class C				to				System 03A
								Aux Service Water Pipe.
F01.050.076	1-03-H6071	0-480A	QAL-14	VT-3	NA	6.000		Calcaluton No. OSC-1224-16
	Mech snubber	OFD-121D-1.1				0.000		Page 42; Problem No.1- 03A-14.
Class B				to				System 03A
								Aux. Service Water Pipe.
F01.050.077	1-57-NW1Z	0-480A	QAL-14	VT-3	NA	12.000		Calcaluton No. OSC-1313-06
	Mech snubber	OFD-107A-1.1				0.000		Page 44.1; Problem No.1-57-01
Class C				to				Pressurizer Relief Valve System
								System 57
F01.050.078	1-57-H23	0-481A	QAL-14	VT-3	NA	12.000		Calcaluton No. OS-1313-06
	Mech snubber	OFD-100A-1.2				0.000		Page 44.1; Problem No.1-57-01.
Class C				to				System 57 Pressurizer Relief Valve System
F01.050.079	1-01A-R11	0-550	QAL-14	VT-3	NA	34.000		Calcaluton No. OSC-320;
	Mech snubber	OFD-122A-1.1				0.000		Problem No. 1-01-01; Sht.2 of 3; System 01A; Page #
Class B				to				132; Main Steam Piping
F01.050.080	1-01A-R4	0-550	QAL-14	VT-3	NA	34.000		Calcaluton No. OSC-320;
	Mech snubber	OFD-122A-1.1				0.000		Problem No. 1-01-01; Sht.2 of 3; System 01A; Page
Class B				to				# 132; Main Steam Piping
F01.050.081	1-01A-R5	0-550	QAL-14	VT-3	NA	34.000		Calcaluton No. OSC-320;
	Mech snubber	OFD-122A-1.1				0.000		Problem No. 1-01-01; Sht.2 of 3; System 01A; Page#
Class B				to				132; Main Steam Piping

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F01.050.082	1-01A-R6	0-550	QAL-14	VT-3	NA	34.000	Calcutalon No. OSC-320;
	Mech snubber	OFD-122A-1.1				1.000	Problem No. 1-01-01; Sht. 2 of 3; System 01A; Page
Class B				to			# 132; Main Steam Piping.
F01.050.083	1-01A-R7	0-550	QAL-14	VT-3	NA	34.000	Calcutalon No. OSC-320;
	Mech snubber	OFD-122A-1.1				1.000	Problem No. 1-01-01; Sht. 1 of 3; System 01A; Page
Class B				to			# 131.1; Main Steam Piping.
F01.050.084	1-03-R13	0-551	QAL-14	VT-3	NA	24.000	Calculation No. OS-336 Page 45a.1; Problem No.
	Mech snubber	OFD-121B-1.3				0.000	1-03-01 Sheet 1 of 2. System 03 Auxiliary and
Class C				to			Turbine Building.
F01.050.085	1-03A-H115	1-0-400B	QAL-14	VT-3	NA	6.000	Calcutalon No. OSC-1214
	Mech snubber	OFD-121D-1.1				0.000	Page 25; Problem No.1- 03A-11.
Class C				to			System 03A
							6" Emergency Feedwater
F01.050.086	1-03A-H123	1-0-400B	QAL-14	VT-3	NA	6.000	Calcutalon No. OSC-1214
	Mech snubber	OFD-121D-1.1				0.000	Page 25; Problem No.1- 03A-11.
Class C				to			System 03A
							6" Emergency Feedwater
F01.050.087	1-03A-SR62	1-0-437A	QAL-14	VT-3	NA	6.000	Calcutalon No. OSC-339
	Mech snubber	OFD-121D-1.1				0.000	Page 81; Problem No. 1-03A-5 . System 03A 6"
Class C				to			Emergency Feedwater to 24" Main Feedwater.
F01.050.088	1-01A-H43	1-1-0-401A	QAL-14	VT-3	NA	12.000	Calcutalon No. OSC-321;
	Mech snubber	OFD-122A-1.2				0.000	Problem No. 1-01-2 Sht. 3 of 5. System 01A; Main
Class B				to			Steam Bypass To Condenser.
F01.050.089	1-01A-R11	4-2-0-400A	QAL-14	VT-3	NA	6.000	Calculation Number OSC-325 Sheet 3 of 3; Problem
	Mech snubber	OFD-122A-1.4				0.250	1-01-06 Page 91. System 01A Steam Supply to
Class C				to			Emergency Feedwater Pump Turbine.

CATEGORY F-A, Supports

DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System

Plan Report
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02/07/96

Spring Supports & Constant Load Supports

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
F01.050.090	1-07A-H39	6-0-400A	QAL-14	VT-3	NA	20.000	Calcalaton No. OSC-361
	Mech snubber	OFD-121A-1.8				0.000	Page 85.1 Problem No.1-07A-01
Class C				to			L.P.& H.P.Condensate System 07A
F01.050.091	1-07A-H40	6-0-400A	QAL-14	VT-3	NA	20.000	Calcalaton No. OSC-361
	Mech snubber	OFD-121A-1.8				0.000	Page 85.1 Problem No.1-07A-01
Class C				to			L.P.& H.P.Condensate System 07A
F01.050.092	1-07A-H41	6-0-400A	QAL-14	VT-3	NA	24.000	Calcalaton No. OSC-361
	Mech snubber	OFD-121A-1.8				0.000	Page 85.1 Problem No.1-07A-01
Class C				to			L.P.& H.P.Condensate System 07A

Total F01.050 Items: 91**Total Category F-A Items: 127**

CATEGORY AUG, Augmented Inspections**DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System****Plan Report
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02/07/96****NRC Bulletin 88-08****Oconee 1****Inservice Inspection Plan for Interval 3 Outage 1**

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G04.001.001 Class A	1-51A-11-87 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-600	UT	SS	2.500 0.375	Pipe to Safe-End	Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.002 Class A	1-51A-11-88 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-600	UT	SS	2.500 0.375	Pipe to Valve 1HP-152	Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.003 Class A	1-51A-11-89 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-600	UT	SS	2.500 0.375	Pipe to Safe-End	Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.004 Class A	1-51A-11-90 Circumferential	1-51A-11(3) OFD-101A-1.4	NDE-600	UT	SS	2.500 0.375	Pipe to Valve 1HP-153	Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.005 Class A	1-51A-10-1 Circumferential	1-51A-10 OFD-101A-1.4	NDE-600	UT	SS	2.500 0.375	Valve 1HP-152 to Elbow	Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.006 Class A	1-51A-10-2 Circumferential	1-51A-10 OFD-101A-1.4	NDE-600	UT	SS	2.500 0.375	Elbow to Pipe	Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.007 Class A	1-51A-10-6 Circumferential	1-51A-10 OFD-101A-1.4	NDE-600	UT	SS	2.500 0.375	Elbow to Pipe	Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
G04.001.010 Class A	1-51A-5-81C Circumferential	1-51A-5	NDE-600	UT	SS	2.500 0.375	Elbow to Valve 1HP-153	Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.

CATEGORY AUG, Augmented Inspections

DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System

Plan Report
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NRC Bulletin 88-08

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G04.001.011	1-51A-5-79C	1-51A-5	NDE-600	UT	SS	2.500		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
	Circumferential					0.375		
Class A				Pipe to Elbow				
G04.001.012	1-51A-5-77C	1-51A-5	NDE-600	UT	SS	2.500		Inspect 100% of weld & 1" of base material (axial & circumferential). Reference Section 7 of the ISI Plan, Volume 1.
	Circumferential					0.375		
Class A				Pipe to Elbow				

Total G04.001 Items: 10

Total Category AUG Items: 10

CATEGORY AUG, Augmented Inspections**DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System****Plan Report
Page 77
02/07/96****Auxiliary Feedwater Header B&W Safety
Concern 21-82 Water Hammer****Oconee 1****Inservice Inspection Plan for Interval 3 Outage 1**

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G06.001.033	1-03A-11-1VEN	1-03A-11	NDE-600	UT	CS	6.000		Vender Weld Ring Header. Calibration block is not needed as examination will be performed in accordance with NDE-600, which does not require the use of calibration block for carbon steel material.
	Circumferential	OFD-121B-1.3				0.432		
Class B				Pipe to Elbow				
G06.001.033A	1-03A-11-1VEN	1-03A-11	NDE-25	MT	CS	6.000		
	Circumferential	OFD-121B-1.3				0.432		
Class B				Pipe to Elbow				
Total G06.001 Items:		2						
Total Category AUG Items:		2						

CATEGORY AUG, Augmented Inspections**DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System****Plan Report
Page 78
02/07/96****Circumferential Pipe Welds With A Nom. Wall
Thk. < 3/8" and > NPS 4"****Oconee 1****Inservice Inspection Plan for Interval 3 Outage 1**

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
G09.001.001	1-51A-01-3A	1-51A-01(1)	NDE-35	PT	SS	6.000		
	Circumferential	OFD-101A-1.3				0.280		Pipe to Valve 1HP-103
	Class B							
G09.001.007	1-53B-01-90B	1-53B-01(5)	NDE-35	PT	SS	8.000		
	Circumferential	OFD-102A-1.2				0.148		Pipe to Elbow
	Class B							
G09.001.013	1-53B-03-33F	1-53B-03(4)	NDE-35	PT	SS	10.000		
	Circumferential	OFD-102A-1.2				0.250		Elbow to Pipe
	Class B							
G09.001.019	1-53B-06-114K	1-53B-06(3)	NDE-35	PT	SS	10.000		
	Circumferential	OFD-102A-1.2				0.250		Elbow to Pipe
	Class B							
G09.001.025	1-53B-13-115J	1-53B-13	NDE-35	PT	SS	8.000		
	Circumferential	OFD-102A-1.1				0.148		Elbow to Pipe
	Class B							
G09.001.031	1-54A-01-05A	1-54A-01(2)	NDE-35	PT	SS	10.000		
	Circumferential	OFD-102A-1.1				0.250		Pipe to Elbow
	Class B							
G09.001.037	1-54A-04-21C	1-54A-04(1)	NDE-35	PT	SS	8.000		
	Circumferential	OFD-103A-1.1				0.250		Pipe to Elbow
	Class B							
G09.001.043	1-54A-04-75C	1-54A-04(3)	NDE-35	PT	SS	8.000		
	Circumferential	OFD-103A-1.1				0.250		Pipe to Elbow
	Class B							

Total G09.001 Items: 8

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 SEE REMARKS

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 A. REMOVED EXISTING S/R AND REPLACED WITH ITEMS 8-11.

B. REMOVED ITEMS 7 AND 8 AND REPLACED WITH ITEMS 9-11.

C. CUT ITEM 8, 5/8" ROD, TO ADJUST S/R TO CORRECT ELEVATION.

(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 W. McClean
Owner or Owner's Designee, Title

Date 12/5, 19 95

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-16-95 to 12-5-95; 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.

MB Chapman
Inspector's Signature

Commissions NC914
National Board, State, Providence and Endorsements

Date 12-5, 1995

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 12/5/95

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

Sheet 2 of 23
 WTM

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

3a. Work Order # 95012179
 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 LMM # 12960

4. Identification of System HP (51A) Class B

5. (a) Applicable Construction Code B31.7 19 68 Edition, 2 Addenda, 6-68 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	HANGER 1-51A-0-439C-H90	DPC	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	HANGER 1-51A-0-439C-H89	DPC	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
C	HANGER 1-51A-0-439C-H88	DPC	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
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 SHORTENED ITEM 3 AND REWELDED TO ITEM 4.

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

Pressure _____ psig

Test Temp. _____ °F

Pressure _____ psig

Test Temp. _____ °F

Pressure _____ psig

Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed W. McClure Date 12/5, 1995
 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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-16-95 to 12-5-95; 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.

MB Chapman
 Inspector's Signature

Commissions N2914
 National Board, State, Providence and Endorsements

Date 12-5, 1995

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 12/5/95

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

Sheet 3 of 3

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

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

3a. Work Order # 95012179
 Repair Organization Job # _____

3b. NSM or MM # 12960

4. Identification of System PR Class B

5. (a) Applicable Construction Code B31.7 1968 Edition, 2 Addenda, 6-68 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	HANGER 1-67-439C-H5358	DPC	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.

7. Description of Work ROUTED SECTION OF HPI PIPING & RELATED HANGERS.

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 PERFORMED SYS. LEAKAGE TEST AT SYS. TEMP. AND PRESSURE AND NDE PER ASME CODE CASE N-416-1 IN LIEU OF HYDRO.

(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 DB Mason
Owner or Owner's Designee, Title

Date 1-4, 1996

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-16-95 to 12-5-95; 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.

MP Chapman
Inspector's Signature

Commissions 82914
National Board, State, Providence and Endorsements

Date 1-4, 1996

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 12-5-95

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

Sheet 1 of 3

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

3a. Work Order # 95012179
 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 # 12960

4. Identification of System HP Class Z

5. (a) Applicable Construction Code ANSI B31.7 1968 Edition, 6/68 Addenda, NO 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	PIPING	DPC	NA	NA		7/73	<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 1HP-5 valve with item DMV-971

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 Performed SYS. LEAKAGE test AT system temperature
and pressure AND NDE PER ASME Code CASE
N-416-1 IN lieu of hydro

(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 CR Henson Date 12-3, 19 95
 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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-12-95 to 1-2-96; 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.

MB Chapman Commissions NC914
 Inspector's Signature National Board, State, Providence and Endorsements

Date 1-2, 19 96

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

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

1a. Date 11-22-95

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

Sheet 1 of 2

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

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

3a. Work Order # 95018692
 Repair Organization Job # _____

3b. NSM or MM # 12976

4. Identification of System HP Class 2

5. (a) Applicable Construction Code B.31.7 1968 Edition, 6-68 Addenda, NO 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	VLV. 1-HP-5	EDWARD	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	VLV 1-HP-5	ANCHOR DARLING	V2223-007	21	Body SR V-296 Bonnet SR W-56A DISK V-749	1994	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" 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 SEE REMARKS

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 A. INSTALLED NEW HANGER

B. REPLACED EXISTING U-BOLT WITH NEW U-BOLT

C. CUT OUT ITEMS 3, 4 & 5 AND REPLACED WITH NEW MATERIAL

D. CUT OUT ITEMS 2 & 3 AND REPLACED WITH NEW MATERIAL

(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 W. M. C. Clue
Owner or Owner's Designee, Title

Date 12/3, 19 95

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 NC and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-12-95 to 1-2-96; 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.

MB Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 1-2, 19 96

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

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

1a. Date 12/3/95

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

Sheet 2 of 2

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

3a. Work Order # 950/8692
 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 # 2976

4. Identification of System HP Class 2

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, — NO 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	HANGER 1-51A-437A-DE001	DPC	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	HANGER 1-51A-439A-LC-2503	DPC	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
C	HANGER 1-51-0-439D-LC-2504	DPC	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
D	HANGER 1-51A-439A-RD-2500	DPC	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
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

Oconee Nuclear Station
Problem Investigation Process
Problem Investigation Form

PIP Serial No: 1-O95-1427
MSE Serial No:

LER Serial No:
Other Report:

No Maintenance Rule for this PIP.

End of the Document for PIP No: 1-O95-1427
The status of this PIP is: Closed
The duration of this PIP was 19 days.

Oconee Nuclear Station

Problem Investigation Process

Problem Investigation Form

PIP Serial No: 1-O95-1427
MSE Serial No:

LER Serial No:
Other Report:

The issue of water hammer occurring on this line is documented in PIP 1-94-0701 and will be resolved by corrective action to that PIP.

Immediate Corrective Action, Work Order 95086699, reinstalled the anchors to the proper torque. No further corrective actions are required for this PIP.

Originated By: PAWELLS Team: RAH8344 Group: MCE Date: 11/29/95

	<u>Indiv</u>	<u>Team</u>	<u>Group</u>	<u>Date</u>
Accepted By:	KWGEORGE	TKR7315	MCE	11/13/95
Assigned To:	PAWELLS	RAH8344	MCE	11/13/95
Due Date:	11/30/95			
Ready for Approval:	PAWELLS	RAH8344	MCE	11/29/95
Approved By:	RAHEINEC	RAH8344	MCE	11/29/95
Concurrence:	HDUMEYER	LVW7310	SRG	11/29/95

Remarks:

IV. Corrective Actions

No Corrective Actions for this PIP.

V. Final and Overall PIP Approval

Criterion XVI Review:

XVI Review Not Required for this PIP.

<u>Overall PIP Approval:</u>	<u>Indiv</u>	<u>Team</u>	<u>Group</u>	<u>Date</u>
Accepted By:	HDUMEYER	LVW7310	SRG	11/20/95
Assigned To:			MCE	11/29/95
Due Date:				
Ready for Approval:				
Approved By:	RAHEINEC	RAH8344	MCE	11/29/95

VI. Attachments

Environmental:

No Environmental for this PIP.

Maintenance Rule:

Oconee Nuclear Station

Problem Investigation Process

Problem Investigation Form

PIP Serial No: 1-095-1427

LER Serial No:

MSE Serial No:

Other Report:

Assigned To: SRG 11/13/95
Due Date:
Ready For Approval:
Approved By: HDUMEYER LVW7310 SRG 11/29/95

Investigation Report:

Responsible Group for Investigation Report:

Date:

Investigator:

Group:

Act Date:

Date Due to VP or Sta. Mgr:

Date Regulatory or Agency Rpt Due:

Date Investigation Report Approved:

NRC Cause Codes:

III. Problem Evaluation

System(s) Affected: MSC Miscellaneous

Affected Equipment:

WMS Equipment ID No.

Comp.
Code

Manufacturer
Name

Problem Evaluation:

Group:

MCE

Status:

Closed

The steam generator drain line has had problems with damage to hangers and anchors pulling out of concrete in the past due to water hammer. PIP 1-094-0701 documents such a problem that occurred on this same line. Root cause of anchors pulling out of the concrete is a transient load (water hammer) on this support. The pipe supports on this line are not designed to withstand water hammer loads.

A secondary cause was the anchors were not properly torqued upon original installation. If installed at minimum embedment properly, these anchors will fail by spalling concrete. No concrete was damaged, which indicates that the anchors were not torqued properly upon installation. Procedures are in place today which prevent this from reoccurring.

Originated By: PAWELLS Team: RAH8344 Group: MCE Date: 11/29/95

<u>Event</u>	<u>Cause Cd</u>	<u>Cause Description</u>	<u>Primary</u>	<u>Causing Group(s)</u>
F2	F5	Equipment/Material Use Practices	Yes	UNK
F2	M2o	Unanticipated interaction of systems or components	Yes	SES

Responsible Group(s) for Proposed Resolution: MCE

Mech/Civil Eq. Eng.

	<u>Indiv</u>	<u>Team</u>	<u>Group</u>	<u>Date</u>
Accepted By:	KWGEORGE	TKR7315	MCE	11/13/95
Assigned To:	PAWELLS	RAH8344	MCE	11/13/95
Due Date:	11/30/95			
Ready for Approval:	PAWELLS	RAH8344	MCE	11/29/95
Approved By:	RAHEINEC	RAH8344	MCE	11/29/95
Concurrence:	HDUMEYER	LVW7310	SRG	11/29/95

Proposed Resolution From:

Group:

MCE

Status:

Closed

Oconee Nuclear Station

Problem Investigation Process

Problem Investigation Form

PIP Serial No: 1-O95-1427
MSE Serial No:

LER Serial No:
Other Report:

Comments:

Operability not required due to unit status.

Originated By: HDUMEYER Team: LVW7310 Group: SRG Date: 11/13/95

	<u>Indiv</u>	<u>Team</u>	<u>Group</u>	<u>Date</u>
Accepted By :	HDUMEYER	LVW7310	SRG	11/13/95
Assigned To :			SRG	11/13/95
Due Date:				
Approved By:	HDUMEYER	LVW7310	SRG	11/13/95
Evaluated By :	HDUMEYER	LVW7310	SRG	11/13/95

Past Operability:

Sys/Comp Operable?(Y,N,C,E) : Y

Status: Closed

Responsible Group: MCE

Required Mode: N/A

Due Date: 11/30/95

Comments:

Piping system was evaluated for past operability based on S/R 1-04A-2-0-439B-R5 being inoperable. Piping was analyzed assuming S/R R5 was inactive. Pipe stresses were below allowables, but S/R 1-04A-2-0-439B-H12 exceed operability allowables on its U-bolt. Piping was then analyzed with both R5 and H12 considered inactive. Piping stresses and support stresses were reviewed and all found to be within operable allowables. See OSC-4840 for documentation of this review.

Piping was found to be past operable.

Originated By: PAWELLS Team: RAH8344 Group: MCE Date: 11/29/95

	<u>Indiv</u>	<u>Team</u>	<u>Group</u>	<u>Date</u>
Accepted By :	KWGEORGE	TKR7315	MCE	11/13/95
Assigned To :	PAWELLS	RAH8344	MCE	11/13/95
Due Date:	11/30/95			
Checked By:	JPPATEL	RAH8344	MCE	11/29/95
Approved By:	RAHEINEC	RAH8344	MCE	11/29/95
Evaluated By :	HDUMEYER	LVW7310	SRG	11/29/95

Reportability:

Problem Reportability?(Y,N,E) :

Reportable Per:

Responsible Group for Reportability: SRG

Due Date:

Comments:

	<u>Indiv</u>	<u>Team</u>	<u>Group</u>	<u>Date</u>
Accepted By:	HDUMEYER	LVW7310	SRG	11/20/95

Oconee Nuclear Station

Problem Investigation Process

Problem Investigation Form

PIP Serial No: 1-O95-1427

LER Serial No:

MSE Serial No:

Other Report:

that this work be completed prior to Unit 1 startup.

Originated By: PAWELLS Team: RAH8344 Group: MCE Date: 11/10/95

Problem Found While Working with Document No. :

Immediate Corrective Action Work Request / Work Order No. :

	<u>Indiv</u>	<u>Team</u>	<u>Group</u>	<u>Date:</u>
Problem Identified By:	PAWELLS	RAH8344	MCE	11/10/95
Problem Entered By:	PAWELLS	RAH8344	MCE	11/10/95

II. Significance

Is the Problem Significant? N Action Category: 3
Significance Codes:
MSE No: LER No: OEP No:
Other Report Nos:
Event Codes: F2 Equipment Failure (CFAR or Important Component)

Screening Remarks:

This event meets the MSE significance criteria in that a past operability evaluation is required by Eng. Present operability is not in question due to unit status.

Screened by the CST.

Originated By: HDUMEYER Team: LVW7310 Group: SRG Date: 11/13/95

PIP downgraded based on operability results.

Last Updated By: HDUMEYER Team: LVW7310 Group: SRG Date: 11/29/95

Responsible Group for Proposed Resolution(s): MCE Mech/Civil Eq. Eng.

Responsible Group for Problem Evaluation: MCE Mech/Civil Eq. Eng.

Responsible Group for Overall PIP approval: MCE Mech/Civil Eq. Eng.

	<u>Indiv</u>	<u>Team</u>	<u>Group</u>	<u>Date:</u>
Screened By:	HDUMEYER	LVW7310	SRG	11/13/95

This PIP has been downgraded from an MSE to an LSE status

Present Operability:

Sys/Comp Operable?(Y,N,C,E) : Y

Status: Closed

Responsible Group: SRG

Required Mode:

Due Date:

Oconee Nuclear Station

Problem Investigation Process

Problem Investigation Form

PIP Serial No: 1-095-1427

LER Serial No:

MSE Serial No:

Other Report:

I. Problem ID

Discovered Time/Date: 11/10/95

Occurred Time/Date:

Unit(s): 1	Status at Time Discovered:	Unit 1	Unit 2	Unit 3
	Mode:	N/A	N/A	N/A
	% Power:			

Unit Status Remarks:

System(s) Affected: MSC Miscellaneous

Affected Equipment:

WMS Equipment ID No.

Comp.
Code

Manufacturer
Name

Location of Problem - Bldg: AB

Column Line: P-69

Elev: 828

Location Remarks:

In East Pen Room

Method Used to Discover Problem:

Evaluation of In-Service Inspection (ISI) discrepancy

Brief Problem Description:

Pipe Support S/R 1-04A-2-0-439B-R5 was inspected per ISI. Inspection showed sleeve anchors had slipped out of concrete about 1/4".

Detail Problem Description:

Pipe Support S/R 1-04A-2-0-439B-R5 was inspected as part of the ISI program. This support is on the Steam Generator Flush and Drain line. Inspection of this hanger revealed that some anchors had slipped out of the concrete about 1/4". Civil Engineering has reviewed this support and determined it to be unacceptable for continued service in its current condition.

Originated By: PAWELLS Team: RAH8344 Group: MCE Date: 11/10/95

Last Updated By: PAWELLS Team: RAH8344 Group: MCE Date: 11/10/95

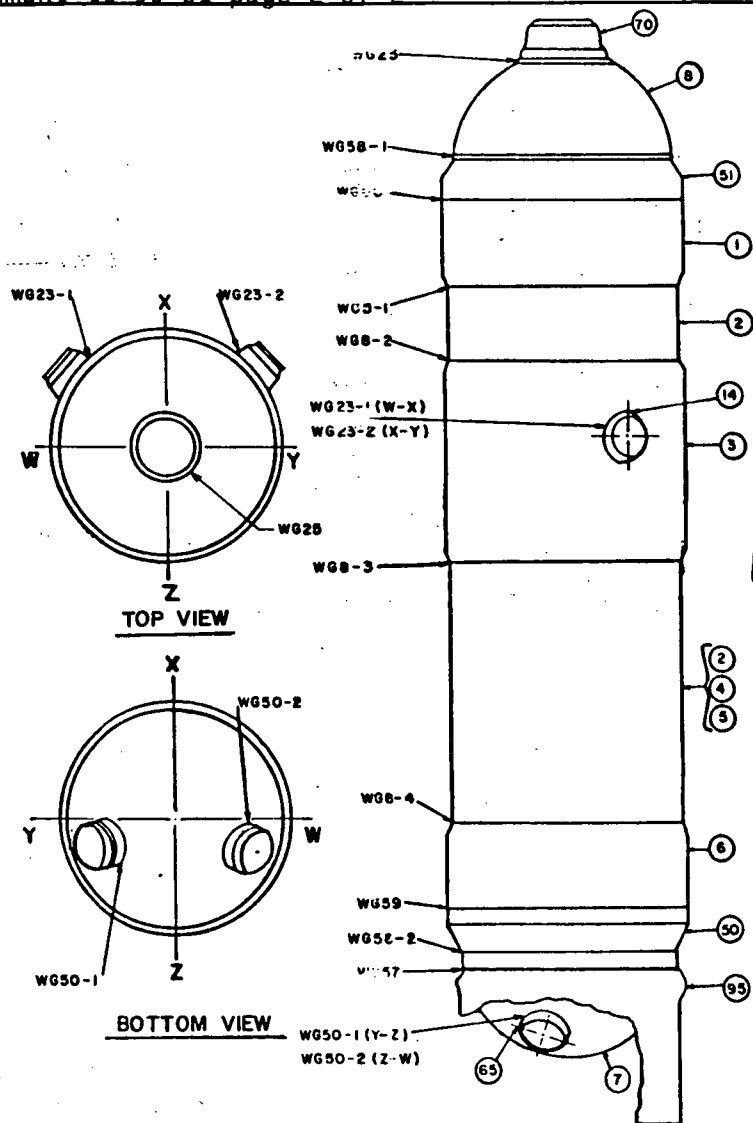
Other Units/Components/Systems/Areas Affected (Y,N,U): N

Industry Plants Affected (Y,N,U): N

Immediate Corrective Actions:

Work Request 95046806 was initiated to reseal and retorque the anchors that had slipped out. Request was made

WELD LIST				BILL OF MATERIAL			
IDENT NO.	PIECE NO.	DIAM.	THICK.	PC. NO	QTY	DESCRIPTION	MATL.
WG8-1	1 TO 2	138" I.D.	4.188 MIN.	1	1	SHELL SECTION	SA 312 GR. B
WG8-2	2 TO 3	138" I.D.	4.188 MIN.	2	2	SHELL SECTION	SA 312 GR. B
WG8-3	3 TO 2	138" I.D.	4.188 MIN.	3	1	SHELL SECTION	SA 312 GR. B
WG8-4	5 TO 6	138" I.D.	4.188 MIN.	4	1	SHELL SECTION	SA 312 GR. B
WG23-1	14 TO 3	29.00"	6.625 MIN.	5	1	SHELL SECTION	SA 312 GR. B
WG23-2	14 TO 3	29.00"	6.625 MIN.	6	1	SHELL SECTION	SA 312 GR. B
WG25	70 TO 8	48.63"	8.000 MIN.	7	1	LOWER HEAD	SA 302 GR. B
WG50-1	65 TO 7	38.38"	8.000 MIN.	8	1	UPPER HEAD	SA 302 GR. B
WG50-2	65 TO 7	38.38"	8.000 MIN.	14	2	24" STEAM OUTLET NOZZLE	SA 508 CL. 1
WG57	95 TO 7	135" I.D.	N/A	60	1	LOWER TUBE SHEET	SA 508 CL. 2
WG58-1	8 TO 51	119" I.D.	8.000 MIN.	51	1	UPPER TUBE SHEET	SA 508 CL. 1
WG58-2	7 TO 50	119" I.D.	8.000 MIN.	65	2	28" PRIMARY OUTLET NOZZLE	SA 508 CL. 1
WG59	6 TO 50	138" I.D.	6.625 MIN.	70	1	36" PRIMARY INLET NOZZLE	SA 508 CL. 1
WG60	1 TO 51	138" I.D.	6.625 MIN.	95	1	SUPPORT SKIRT TRANSITION RING	SA 308 GR. D



REFERENCE DWGS:

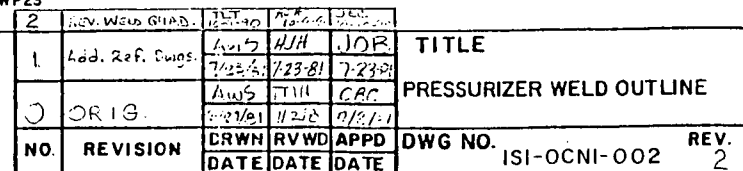
C. 201-1873
 OM 201-178

NOTES:

1. ALL I.D. NUMBERS SHALL BE PRECEDED BY "ISGA-".
2. PIECE NUMBERS ARE SHOWN IN CIRCLES.

1.	Add To: 1000 Views & 1000 Drawing	AWZ	JH	JOE	TITLE
		7-20-54	7-21-54	7-21-54	STEAM GENERATOR "A"
0	ORIGINAL	AWZ			WELD OUTLINE
NO.	REVISION	DRWN	FWVD	APPD	DWG NO.
		DATE	DATE	DATE	ISI-OCNI-003
					REV.

WELD LIST (CONT.)



TITLE
PRESSURIZER WELD OUTLINE

DWG NO.	ISI-OCNI-002	REV.	2
---------	--------------	------	---

This weld was limited to 73.8% coverage of the required volume because of the proximity of five restraints which prevent scanning the required weld volume and near surface volume from the tube sheet side.

All three units are being documented in this request for relief as outlined in NRC correspondence dated May 5, 1995 concerning NRC Inspection Report No. 50-269/95-05, 50-270/95-05, and 50-287.

For welds and components listed in this request for relief, all configurations, including interferences, are the same for Units 2 and 3. If for some reason, the actual examination coverage of the welds referenced in this request for relief for Units 2 and 3 are less than those listed for Unit 1; additional requests for relief will be submitted on a case by case basis.

V. Alternate Examinations or Testing:

Duke Power company will continue to perform ultrasonic examination of all welds identified in Section 1 of this request (for all units) to the maximum extent practical, within the limits of original design and construction, in accordance with the requirements of ASME Section V, Article 4, and ASME Section XI, Appendix I, 1989 Edition.

VI. Justification for the Granting of Relief:

Duke Power Company will continue to ultrasonically examine the welds, including inside radii, to the extent practical within the limits of original design and construction. This will provide reasonable assurance of weld/component integrity. Thus, an acceptable level of quality and safety will have been achieved and public health and safety will not be endangered by allowing relief from the aforementioned Code requirements.

VII. Implementation Schedule:

Unit 1, Refueling Outage 16
Unit 2, Refueling Outages 17 and 18
Unit 3, Refueling Outage 16

Evaluated By:

R. J. Rouse

Date

2/8/96

Reviewed By

John Barbour

Date

2/20/96

barriers, obtaining at least 90% of the weld length as outlined in Code Case N-460 is not possible with existing ultrasonic technology.

The specified Code requirements identified in Section 2 of this request, require scanning of the examination volume(s) using three angle beams and a straight beam from both sides of the weld. When scanning for reflectors parallel to the weld, the angle beams shall be aimed at right angles to the weld axis, with the search unit(s) manipulated so that the ultrasonic beams pass through the entire volume of weld metal. The adjacent base metal in the examination volume must be completely scanned by both angle beams from both directions (any combination of two angle beams will satisfy the requirement).

When scanning for reflectors transverse to the weld, the angle beam search units shall be aimed parallel to the axis of longitudinal and circumferential welds. The search unit shall be manipulated so that the ultrasonic beams pass through all of the examination volume.

Scanning shall be done in two directions 180 degrees to each other to the extent possible. Areas blocked by geometric conditions shall be examined from at least one direction.

Code Case N-460 allows credit for full volume coverage if it can be shown that at least 90% of the required volume has been examined.

IV. Basis for Relief:

Pressurizer Nozzle-to-Shell Weld 1-PZR-WP34 (Item Number B03.110.002) was examined to the maximum extent practical using ultrasonic techniques in accordance with the requirements of ASME Section V, Article 4, and ASME Section XI, Appendix I, 1989 Edition.

This weld is limited to 70.75% coverage of the required volume because of the nozzle configuration.

Pressurizer Nozzle-to-Shell Welds 1-PZR-WP33-3 and 1-PZR-WP33-2 (Item Numbers B03.110.003 and B03.110.004 respectively) were examined to the maximum extent practical using ultrasonic techniques in accordance with the requirements of ASME Section V, Article 4, and ASME Section XI, Appendix I, 1989 Edition.

These welds are limited to 66.5% coverage of the required volume because of the nozzle configuration.

Steam Generator Tubesheet-to-Shell Weld 1-SGA-WG60 (Item Number C01.030.001) was examined to the maximum extent practical using ultrasonic techniques in accordance with the requirements of ASME Section V, Article 4, and ASME Section XI, Appendix I, 1989 Edition.

Duke Power Company

Station Oconee Unit 1, 2 & 3

10-YEAR INTERVAL REQUEST FOR RELIEF NO. 96-01

I. System/Component(s) for Which Relief is Requested:

a. Pressurizer Nozzle-to-Vessel Welds:

1-PZR-WP34, Item Number B03.110.002
1-PZR-WP33-3, Item Number B03.110.003
1-PZR-WP33-2, Item Number B03.110.004

2-PZR-WP34, Item Number B03.110.002
2-PZR-WP33-3, Item Number B03.110.003
2-PZR-WP33-2, Item Number B03.110.004

3-PZR-WP34, Item Number B03.110.002
3-PZR-WP33-3, Item Number B03.110.003
3-PZR-WP33-2, Item Number B03.110.004

b. Steam Generator Tubesheet-to-Shell Welds:

1-SGA-WG60, Item Number C01.030.001
2-SGA-WG60, Item Number C01.030.001
3-SGA-WG60, Item Number C01.030.001

II. Code Requirement:

Figure IWB-2500-7, Examination Category B-D, Full Penetration Welds Of Nozzles In Vessels - Inspection Program B.

Figure IWC-2500-1, Examination Category C-A, Pressure Retaining Welds In Pressure Vessel; Note 1 "Includes essentially 100% of the weld length".

III. Code Requirement from which Relief is Requested:

Relief is requested from the requirement of examining essentially 100% of the weld length. The applicable code required is ASME Section V, Article 4, T-441.3.2, Scanning Requirements, 1989 Edition with no Addenda as modified by Code Case N-460. Due to part geometry and actual physical

practical in accordance with the requirements of ASME Section V, Article 4, 1989 Edition.

4. In Section IV of the request for relief, you specify the percent coverage for the Unit 3 welds only. No examinations have yet been performed this interval on the corresponding similar Unit 1 and 2 welds which are also identified in this request for relief. Since our evaluation which supports approval of the request for relief is dependent in part on the percent coverage achieved for the welds, it would appear that case by case relief would still be necessary should corresponding welds on Units 1 and 2 receive less coverage than those described for Unit 3.
- A: Duke concurs that coverage on corresponding identical Unit 1 and 2 welds should be greater than or equal to the coverages approved for Unit 3 in the request for relief. Accordingly, if the coverages for corresponding identical welds on Unit 1 or 2 are less than those approved for Unit 3, then additional request for relief will be filed on an individual basis for these welds.

Attachment

Questions and Answers

1. Please verify for the welds identified in Part I of the request for relief, that the physical configuration, including interferences, is identical for Units 1, 2, and 3. This request for verification is because technical information is only provided for Unit 3 in the request for relief.

A: For the welds identified in Part I of the request for relief, the physical configuration, including interferences, is identical for Units 1, 2, and 3. This conclusion is based on a combination of drawing reviews and field experience.
2. In Section V of the request for relief, you identify the alternate examinations that you will perform on Unit 3 Reactor Pressure Vessel (RPV) welds. However, since the request for relief is also for the same welds on Units 1 and 2, please confirm that the alternate examinations you have specified in Section V for Unit 3 will also be performed for Units 1 and 2.

A: Duke Power Company will also continue to perform ultrasonic examination of Item Numbers B01.021.001 (RPV Head Weld) and B01.040.001 (RPV Head-to-Flange Weld) for Units 1 and 2, to the maximum extent practical in accordance with the requirements of ASME Section V, Article 4, 1989 Edition, and Regulatory Guide 1.150, Revision 1, Appendix A.
3. In Section V of the request for relief, you identify the alternate examinations that you will perform on Units 1 and 3 Steam Generator A welds, but no mention is made regarding alternate examinations on the similar Unit 2 welds. Do you intend to perform the same alternate examinations on the Unit 2 welds identified in Section I, parts c and d?

A: Due to an administrative oversight, the Unit 2 Steam Generator A welds identified in Section I, parts c and d, were not included in Section V of the request for relief. Therefore, the following statement should be added to Section V of the existing request for relief:

Duke Power Company will also continue to perform an ultrasonic examination of Item Numbers B03.130.003, B03.130.004, B03.140.003, and B03.140.004 (Steam Generator A Primary Outlet Nozzle-to-Lower Head Weld and Inside Radius), for Unit 2, to the maximum extent

U. S. Nuclear Regulatory Commission
February 27, 1996
Page 3

bxc (w/ attchs): T. J. Coleman
 R. G. Rouse
 D. A. Nix

bxc (w/o attchs): J. O. Barbour
 J. E. Burchfield
 B. W. Carney
 M. B. Chapman
 J. C. Shropshire
 ELL ECO50
 ISI Relief Request File

U. S. Nuclear Regulatory Commission
February 27, 1996
Page 2

xc (w/attch): Mr. L. A. Wiens
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Attn: Mike Anderson
Lockheed of Idaho
2351 North Boulevard
Idaho Falls, ID, 83415-2209

xc(w/o attch): Mr. S. D. Ebnetter
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission

Mr. P. E. Harmon
Senior NRC Resident Inspector
Oconee Nuclear Station

Mr. Max Batavia
Bureau of Radiological Health
SC Dept. of Health & Environmental Control
2600 Bull St.
Columbia, SC 29201

Duke Power Company
Oconee Nuclear Site
P.O. Box 1439
Seneca, SC 29679

J. W. HAMPTON
Vice President
(864)885-3499 Office
(864)885-3564 Fax



DUKE POWER

February 27, 1996

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

Subject: Duke Power Company
Oconee Nuclear Station, Units 1, 2, and 3
Docket Nos. 50-269, -270, and -287
Third Ten Year Inservice Inspection Interval
Request for Relief No. 95-04
Supplemental Information

Per a telephone conference on February 12, 1996, the NRC requested additional information to clarify information provided in Request for Relief 95-04 dated October 5, 1995. Please find attached the additional information in support of the request for relief.

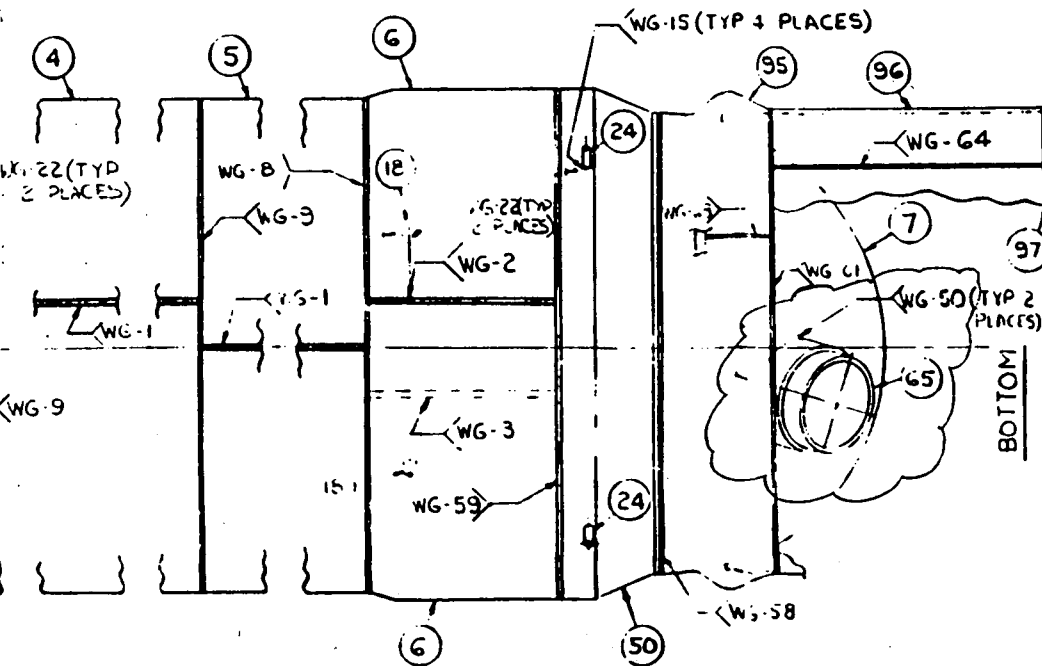
If there are any questions or further information is needed you may contact D. A. Nix at (803) 885-3634.

Very truly yours,

J. W. Hampton
Site Vice President

Attachment

UNCONTROLLED



NO.	DESCRIPTION	DATE	BY
1	RELOCATED WG-68 ZONE C-10 TO F-7 CHGD WELD DET LONE Z-1 CHGD LOC 1 DET SECTION D-0 ADDED DET 6 CHART ZONE Z-8	9/16/67	A. H. H.
2	RELOCATED MC-20, ADDED MC-18 & CHGD TABLE D-17 TO AGREE	1/16/68	C. H. H.
3	ADDED LOWER MC-8 WELD NUMBER AND DELETED WELD NUMBERS WG-54, WG-55, WG-57, WG-97, WG-98, WG-99, (10-1, B, C, D) AND FROM SEE 12 D, (7-1) AND (8-1) CHGD MIN THK AND PENE FOR WELD WG-68 (7-5) W/CH	3/6/68	A. H. H.
4	CHGD WG-50 FROM SECT 'C' TO SECT 'B-B' DRS/TSA	10/6/68	J. H. H.
5	REMOVED CONTRACT NPS 420-0004-S NPS 420-0005-S AND ADD UNIT #1 & SHEET #1 IN TITLE BLOCK DELETED WG-117 (1-1) CHGD MC-20 TO MC-18 (1-1) (1-2) SECT 'D-0' DRS/TSA	3/6/68	J. H. H.
6	CHGD SECT 'E' (MC-18) FROM SINGLE WALL TO DOUBLE WALL SHRT 6 MOVED LOCATION OF SECT 'E' FROM (H-10) TO (D-2), ADDED TUBESHEET PLUG X-RAY INFORMATION (H-10) JSE/ED	1/16/68	J. H. H.
7	REMOVED BACKING RING AT WELD WG-50 ZONE (1-2) DELETED WELD WG-29 & SECT. A-A (1-4, 1-10) ELL	2/6/68	J. H. H.

NOTES

1. FOR GENERAL NOTES SEE LITERATURE

STEAM GENERATOR

WELD ID

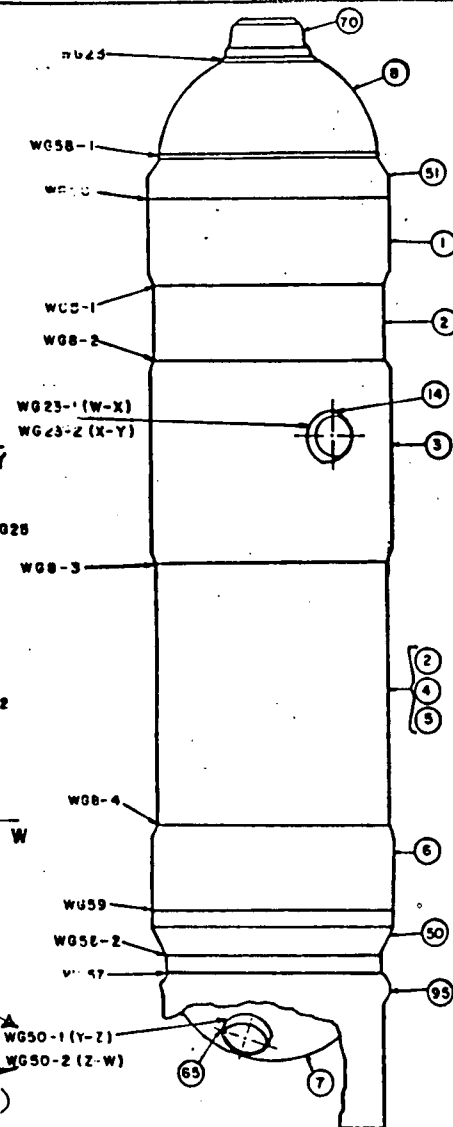
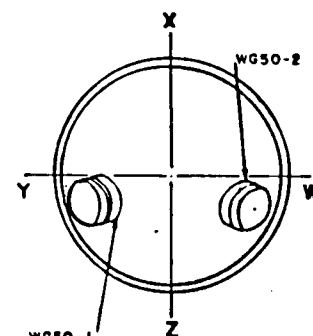
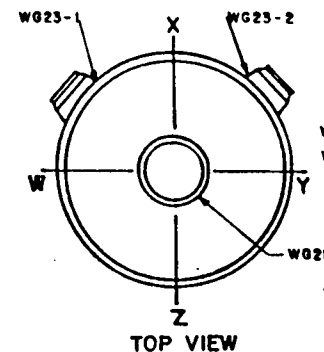
2-SGA-WG50-2
2-SGA-WG50-1

ITEM NOS.

B03.130.001
B03.140.001
B03.130.002
B03.140.002

WELD LIST				BILL OF MATERIAL			
IDENT NO.	PIECE NO.	DIAM.	THICK.	PC. NO.	QTY	DESCRIPTION	MATL.
WG-1	1 TO 2	138" I.D.	4.188 MIN.	1	1	SHELL SECTION	SA 312 GR. B
WG-2	2 TO 3	138" I.D.	4.188 MIN.	2	2	SHELL SECTION	SA 312 GR. B
WG-3	3 TO 4	138" I.D.	4.188 MIN.	3	1	SHELL SECTION	SA 312 GR. B
WG-4	5 TO 6	138" I.D.	4.188 MIN.	4	1	SHELL SECTION	SA 312 GR. B
WG-5	14 TO 3	29.00"	6.625 MIN.	5	1	SHELL SECTION	SA 312 GR. B
WG-6	14 TO 3	29.00"	6.625 MIN.	6	1	SHELL SECTION	SA 312 GR. B
WG-7	70 TO 8	48.63"	8.000 MIN.	7	1	LOWER HEAD	SA 302 GR. B
WG-8	65 TO 7	38.38"	8.000 MIN.	8	1	UPPER HEAD	SA 302 GR. B
WG-9	65 TO 7	38.38"	8.000 MIN.	14	2	24" STEAM OUTLET NOZZLE	SA 508 CL. 1
WG-10	95 TO 7	135" I.D.	N/A	50	1	LOWER TUBE SHEET	SA 508 CL. 2
WG-11	8 TO 51	119" I.D.	8.000 MIN.	51	1	UPPER TUBE SHEET	SA 508 CL. 1
WG-12	7 TO 50	119" I.D.	8.000 MIN.	65	2	28" PRIMARY OUTLET NOZZLE	SA 508 CL. 1
WG-13	6 TO 50	138" I.D.	6.625 MIN.	70	1	36" PRIMARY INLET NOZZLE	SA 508 CL. 1
WG-14	1 TO 51	138" I.D.	6.625 MIN.	95	1	SUPPORT SKIRT TRANSITION RING	SA 307 GR. C

UNCONTROLLED



B03.130.002

B03.140.002 (INSIDE RADIUS)

REFERENCE DWG:
C: 201-1873
OM 201-178

BOTTOM VIEW

B03.130.001

B03.140.001 (INSIDE RADIUS)

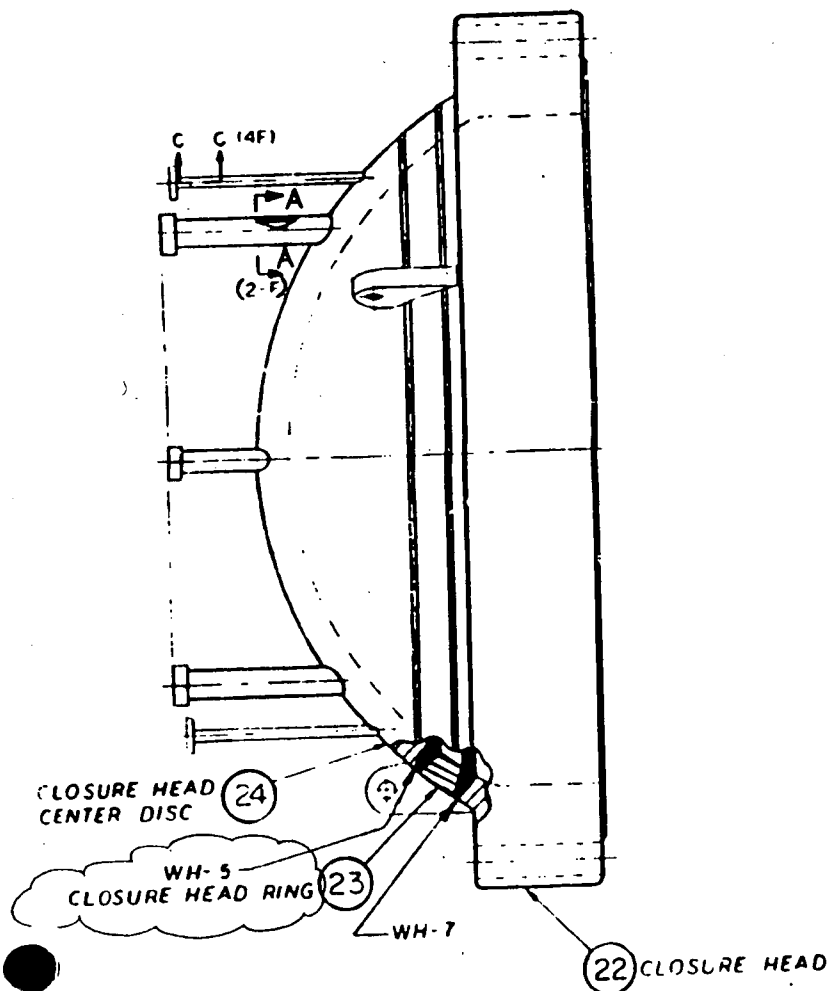
NOTES:

- ALL I.D. NUMBERS SHALL BE PRECEDED BY "ISGA-".
- PIECE NUMBERS ARE SHOWN IN CIRCLES.

NO.	REVISION	DATE	DATE	DATE	TITLE	DWG NO.	REV.
1.	ORIGINAL				STEAM GENERATOR "A" WELD OUTLINE	ISI-OCNI-003	1

REVISIONS

NO.	DESCRIPTION	DATE	APPROVED
1	PLAN VIEW - RELOCATED LIFTING LUGS 90° CLOCKWISE X/D/AMS	6/2/68	G. R. Smith
2	(15B) ADDED THERMOCOUPLE PENETRATIONS (14F) ADDED SECTION C-C	6-7-68	G. R. Smith
3	(ZONE C-B) RELOCATED SECT. A-A IN- DICATION (ZONE I-II) REMOVED REF. TO CONTRACTS 620-0004 & 620-0009. (ZONE C-B) IN SECT. B-B: EXTENDED VIEW TO INCLUDE WH-152 (WH-38, 42, 44-1), 643 WAS -150.	11/2/68	RDP
4	(62) RELOCATED CALLOUT FOR SECT. A-A (15B) DELETED WH-152 (WH-38, 42) CHSD CONFIG. OF WELD PREP TO SUIT DETAIL DWG. REL/REH	8/10/68	K. J. Smith
5	(SECTION 'A-A'/'B-B') MOVED SOURCE & PENETRATOR OUTSIDE OF CRDM HOUSING (SECTION 'B-B') FINE GRAIN FILM WAS AA OR EQUIV, 200KV TO 400KV X-RAY WAS IR-152, 1" ADDED MIN FOCAL DIST 36" 104/SGS	7/11/70	SGS



UNCONTROLLED

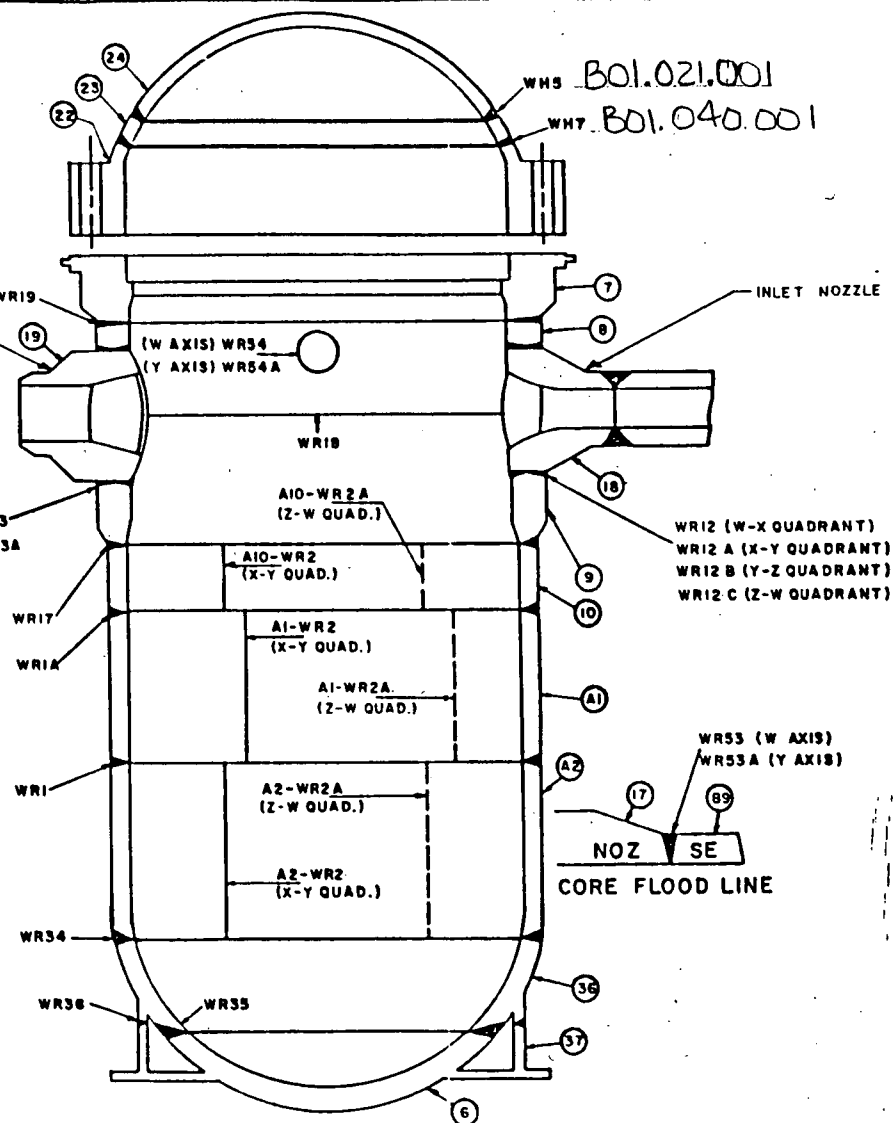
WELD LIST				BILL OF MATERIAL			
IDENT NO.	PIECE NO.	DIAM.	THICK.	PC. NO.	QTY	DESCRIPTION	MATL.
WRI	A1 TO A2	171" I.D.	9.500	A1	1	LOWER SHELL ASSY. UPPER COURSE	SA 533 GR. B
WRIA	10 TO A1	171" I.D.	9.500	A2	1	LOWER SHELL ASSY. LOWER COURSE	SA 533 GR. B
A1 - WR2	A1 TO A1	N/A	9.500	6	1	LOWER HEAD ASSY. CAP SECTION	SA 533 GR. B
A1 - WR2A	A1 TO A1	N/A	9.500	7	1	REACTOR VESSEL FLANGE	SA 508 CL. 2
A2 - WR2	A2 TO A2	N/A	9.500	8	1	NOZZLE BELT UPPER COURSE	SA 508 CL. 2
A2 - WR2A	A2 TO A2	N/A	9.500	9	1	NOZZLE BELT LOWER COURSE	SA 508 CL. 2
A10 - WR2	A10 TO A10	N/A	9.500	10	1	UPPER SHELL ASSY. LOWER COURSE	SA 533 GR. B
A10 - WR2A	A10 TO A10	N/A	9.500	17	2	CORE FLOOD NOZZLE	SA 508 CL. 2
WR12	18 TO 8 B 9	48" O.D.	12.000	18	4	INLET NOZZLE	SA 508 CL. 2
WR12A	12 TO 8 B 9	48" O.D.	12.000	19	2	OUTLET NOZZLE	SA 508 CL. 2
WR12B	18 TO 8 B 9	48" O.D.	12.000	22	1	UPPER HEAD FLANGE	SA 508 CL. 2
WR12C	18 TO 8 B 9	48" O.D.	12.000	23	1	UPPER HEAD RING SECTION	SA 508 CL. 2
WR13	19 TO 8 B 9	60" O.D.	12.000	24	1	UPPER HEAD CAP SECTION	SA 533 GR. B
WR13A	19 TO 8 B 9	60" O.D.	12.000	36	1	LOWER HEAD RING SECTION	SA 508 CL. 2
WR17	9 TO 10	171" I.D.	9.500	37	1	REACTOR VESSEL SUPPORT SKIRT	SA 516 GR. 70
WR18	8 TO 9	168" I.D.	12.000	89	2	CORE FLOOD NOZZLE SAFE END	SA 336-65A-FRM
WR19	7 TO 8	171" I.D.	12.000				
WR34	A2 TO 36	170" I.D.	5.500				
WR35	36 TO 6	143" I.D.	5.375				
WR36	36 TO 37	175" I.D.	2.000				
WR53	89 TO 17	15.625" O.D.	1.688				
WR53A	89 TO 17	15.625" O.D.	1.688				
WR54	17 TO 8	25.0"	12.000				
WR54A	17 TO 8	25.0"	12.000				
WH5	24 TO 23		6.625				
WH7	23 TO 22	147" I.D.	6.625				

UNCONTROLLED

REFERENCE DWGS.
OM 201-1877
OM 201-1122

NOTES:

1. ALL I.D. NUMBERS SHALL BE PRECEDED BY "IRPV-".
2. PIECE NUMBERS ARE SHOWN IN CIRCLES.



1		Add. Ref. Dwgs.		A1.5		2/24		1/2/77		TITLE	
0		ORIGINAL		DATE		DATE		DATE		REACTOR VESSEL WELD OUTLINE	
NO.		REVISION		DRAWN		REVISED		APPROVED		DWG NO. ISI-OCNI-001	
				DATE		DATE		DATE		REV 1	

VI. Justification for the Granting of Relief:

As stated above, Duke Power Company will continue to ultrasonically examine the welds and components (inside radius) to the extent practical within the limits of original design and construction. This will provide reasonable assurance of weld / component integrity. Thus, an acceptable level of quality and safety will have been achieved and public health and safety will not be endangered by allowing relief from the aforementioned Code requirements.

VII. Implementation Schedule:

Unit 3, Refueling Outage 15

* Unit 1, Refueling Outages 16 & 17

Unit 2, Refueling Outage 15

Evaluated By: RT & Roue Date 10/2/95

Reviewed By: J C Shopshire Date 10/2/95

Because of geometric conditions, i.e., lifting lugs adjacent to the weld, 81.85% of the near surface volume and 79.85% of the weld and base metal volumes were covered. In order to achieve more coverage of the required volumes the lifting lugs would have to be moved away from the weld area.

Item Number B01.040.001 (3RPV-WH7), RPV Head-to-Flange Weld was examined to the maximum extent practical using ultrasonic techniques in accordance with the requirements of ASME Section V, Article 4, 1989 Edition. The additional requirements of Regulatory Guide 1.150, Revision 1, Appendix A were also used in the examination.

Because of geometric conditions, i.e., single sided access, 63.35% of the near surface volume and 48.55% of the weld and base metal volumes were covered. In order to achieve more coverage of the required volumes, the weld must be at a greater distance from the flange.

Item Numbers B03.130.001 (3-SGA-WG50-2, nozzle weld), B03.130.002 (3-SGA-WG50-1, nozzle weld), B03.140.001 (3-SGA-WG50-2, inside radius) and B03.140.002 (3-SGA-WG50-1, inside radius), Steam Generator A Primary Outlet Nozzle-to-Lower Head Weld were examined to the maximum extent practical using ultrasonic techniques in accordance with the requirements of ASME Section V, Article 4, 1989 Edition.

Because of geometric conditions, i.e., single sided access and support skirt location, 15.6% of the required examination volume was covered. In order to achieve more coverage the support skirt would have to be cut away from the nozzle.

- * All three units for Oconee are being addressed in this request for relief as addressed in NRC correspondence dated May 5, 1995 concerning NRC Inspection Report No. 50-269/95-05, 50-270/95-05, 50-287/95-05.

V. Alternate Examinations or Testing:

Duke Power Company will continue to perform an ultrasonic examination of Item Numbers B01.021.001, 3RPV-WH5, RPV Head Weld and B01.040.001, 3RPV-WH7, RPV Head-to-Flange Weld to the maximum extent practical in accordance with the requirements of ASME Section V, Article 4, 1989 Edition and Regulatory Guide 1.150, Revision 1, Appendix A.

Duke Power Company will continue to perform an ultrasonic examination of Item Numbers B03.130.002, B03.130.001, B03.140.002 and B03.140.001, Steam Generator A Primary Outlet Nozzle-to-Lower Head Weld and Inside Radius to the maximum extent practical in accordance with the requirements of ASME Section V, Article 4, 1989 Edition.

Section XI Table IWB-2500-1, Examination Category B-A, Pressure Retaining Welds In Reactor Vessel, Figure IWB-2500-5, Note 2 requires essentially 100% of the weld length be examined.

Section XI Table IWB-2500-1, Examination Category B-D, Full Penetration Welds Of Nozzles In Vessels - Inspection Program B, Figures IWB-2500-7(a) through IWB-2500-7(d) requires essentially 100% of the nozzle weld and radius be examined.

III. Code Requirement from which Relief is Requested:

Relief is requested from the requirement of examining essentially 100% of the weld length. Due to part geometry and actual physical barriers, obtaining even 90% of the weld length as outlined in Code Case N-460 is not possible.

ASME Section V, Article 4, T-441.3.2 Scanning Requirements, 1989 Edition with no addenda as modified by Code Case N-460.

This Paragraph requires scanning of the examination volume(s) using three angle beams and a straight beam from both sides of the weld. When scanning for reflectors parallel to the weld, the angle beams shall be aimed at right angles to the weld axis, with the search unit(s) manipulated so that the ultrasonic beams pass through the entire volume of weld metal. The adjacent base metal in the examination volume must be completely scanned by two angle beams, but need not be completely scanned by both angle beams from both directions (any combination of two angle beams will satisfy the requirement).

When scanning for reflectors transverse to the weld, the angle beam search units shall be aimed parallel to the axis of longitudinal and circumferential welds. The search unit shall be manipulated so that the ultrasonic beams pass through all of the examination volume.

Scanning shall be done in two directions 180 degrees to each other to the extent possible. Areas blocked by geometric conditions shall be examined from at least one direction.

Code Case N-460 allows credit for full volume coverage if it can be shown that at least 90% of the required volume has been examined.

IV. Basis for Relief:

Item Number B01.021.001 (3RPV-WH5), RPV Head Weld was examined to the maximum extent practical using ultrasonic techniques in accordance with the requirements of ASME Section V, Article 4, 1989 Edition. The additional requirements of Regulatory Guide 1.150, Revision 1, Appendix A were also used in the examination.

Duke Power Company

Station Oconee Unit 1, 2 & 3

10-YEAR INTERVAL REQUEST FOR RELIEF NO. 95-04

I. System/Component(s) for Which Relief is Requested:

a. Reactor vessel head welds;

1-RPV-WH5, Item Number B01.021.001
2-RPV-WH5, Item Number B01.021.001
3-RPV-WH5; Item Number B01.021.001

b. Reactor vessel head-to-flange welds:

1-RPV-WH7, Item Number B01.040.001
2-RPV-WH7, Item Number B01.040.001
3-RPV-WH7, Item Number B01.040.001

c. Steam generator nozzle-to-vessel welds:

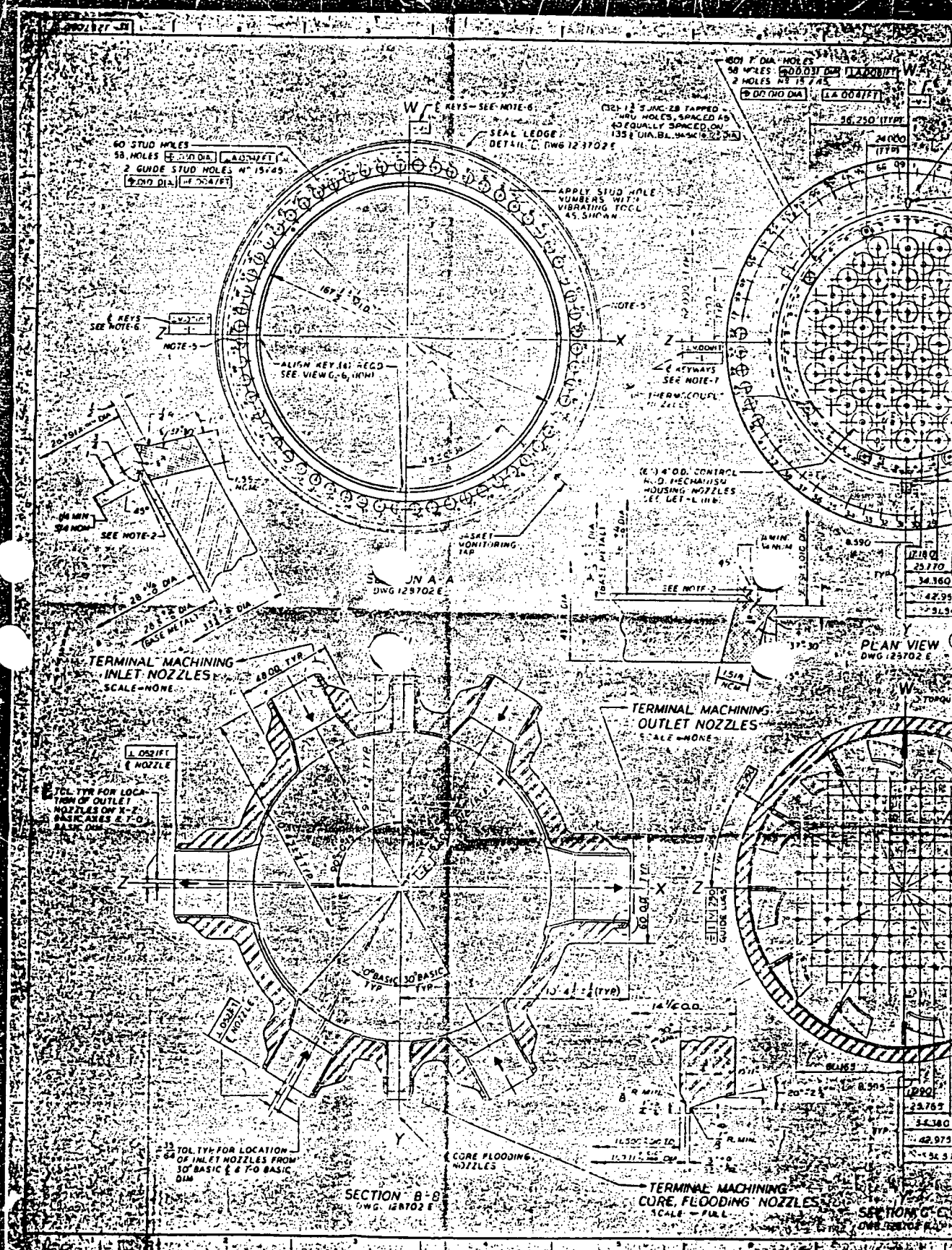
* 1-SGA-WG50-2, Item Number B03.130.001
* 1-SGA-WG50-1, Item Number B03.130.002
2-SGA-WG50-2, Item Number B03.130.003
2-SGA-WG50-1, Item Number B03.130.004
3-SGA-WG50-2, Item Number B03.130.001
3-SGA-WG50-1; Item Number B03.130.002

d. Steam generator nozzle inside radius welds:

* 1-SGA-WG50-2, Item Number B03.140.001
* 1-SGA-WG50-1, Item Number B03.140.002
2-SGA-WG50-2, Item Number B03.140.003
2-SGA-WG50-1, Item Number B03.140.004
3-SGA-WG50-2, Item Number B03.140.001
3-SGA-WG50-1, Item Number B03.140.002

II. Code Requirement:

Section XI Table IWB-2500-1, Examination Category B-A, Pressure Retaining Welds In Reactor Vessel, Figure IWB-2500-3, Note 2 requires essentially 100% of the weld length be examined.



IWB-2500-1. No recordable indications were detected.

During the third period of the second ten year inspection interval all reactor vessel nozzle-to-vessel and respective nozzle-to-pipe welds were examined using ARIS. Included in this examination was the 36" outlet nozzle-to-vessel and nozzle-to-pipe welds examined during the first period. The re-examination of these 36" outlet nozzles was performed meeting the requirements of the 1989 ASME Section XI Code. Credit will be applied to the third interval, first period requirement for the 36" outlet nozzle-to-vessel welds. Category B-D, Items B3.90 and B3.100. These examinations will not be performed during the first period of the third inspection interval.

Following this inspection sequence will substantially reduce radiation exposure (2 man-rem), critical path time (300 man hours), contaminated shipments, and generation of rad-waste, without effecting the safe operation or reliability of the of the reactor vessel.

IV. Alternate Examination:

Automated re-examination of all the reactor vessel nozzle-to-vessel welds, including respective nozzle-to-pipe welds will be deferred to the last period of the third ten year inspection interval.

V. Implementation Schedule:

Examinations are scheduled to be performed during the third inspection period as follows:

Refueling Outage 21, 2003 (Unit 1)

Refueling Outage 20, 2003 (Unit 2)

Refueling Outage 21, 2004 (Unit 3)

Evaluated By:

J. J. Hogg, Jr.

Date

8-18-94

Reviewed By:

J. Barlow

Date

8/23/94

Oconee 3

<u>Item No.</u>	<u>ID No.</u>	<u>Description</u>
B03.090.001A	3-RPV-WR13	Noz to Vsl
B03.090.002A	3-RPV-WR13A	Noz to Vsl
B03.100.001	3-RPV-WR13	Inside Radius
B03.100.002	3-RPV-WR13A	Inside Radius
B09.011.001	3-PHA-1	Noz to Pipe
B09.011.003	3-PHB-1	Noz to Pipe

b. Function:

Welded connection between the reactor pressure vessel and respective reactor coolant piping providing a flow path to the steam generator.

c. ASME Section XI Code Class:

Class 1

d. Construction Code and Class (If Applicable):

ASME Section III, 1965 Edition with Summer 1967 Addenda; Class 1

e. Valve Category (If Applicable):

N/A

II. Reference Code Requirement that has been determined to be impractical:

ASME Boiler and Pressure Vessel Code Section XI, 1989 Edition, no addenda, Table IWB-2500-1 (Category B-D), Item Numbers B3.90 and B3.100. NOTE (2): At least 25% but not more than 50% (credited) of the nozzles shall be examined by the end of the first inspection period of each inspection interval.

ASME Boiler and Pressure Vessel Code Section XI, paragraph IWB-2420(a): The sequence of component examinations established during the first inspection interval shall be repeated during each successive inspection interval to the extent practical.

III. Basis for Requesting Relief:

During the first period of the second ten year inspection interval at Oconee Nuclear Station the reactor vessel 36" outlet nozzle-to-vessel welds, including nozzle-to-pipe welds, were examined using Babcock & Wilcox's Automated Reactor Inspection Tool (ARIS). The two nozzle welds examined met the 25% requirement of Table

DUKE POWER COMPANY
Request for Relief From
Inservice Inspection Requirement

Station: Oconee

Unit: 1, 2 & 3

Requesting Department: Nuclear Generation

Reference Code: ASME Section XI, 1989 Edition, no addenda

I. Component for which exemption is requested:

a. Name and Identification Number:

Reactor Pressure Vessel 36" outlet nozzle-to-vessel welds and outlet nozzle-to-pipe welds (Unit 1 OM-201-5) Attachment ("A"); (Unit 2 OM-1201-4) Attachment ("B"); (Unit 3 OM-2201-52) Attachment ("C").

Oconee 1

<u>Item No.</u>	<u>ID No.</u>	<u>Description</u>
B03.090.001A	1-RPV-WR13	Noz. to Vsl
B03.090.002A	1-RPV-WR13A	Noz. to Vsl
B03.100.001	1-RPV-WR13	Inside Radius
B03.100.002	1-RPV-WR13A	Inside Radius
B09.011.065	1-PHA-1	Noz. to Pipe
B09.011.077	1-PHB-1	Noz. to Pipe

Oconee 2

<u>Item No.</u>	<u>ID No.</u>	<u>Description</u>
B03.090.001A	2-RPV-WR13	Noz. to Vsl
B03.090.002A	2-RPV-WR13A	Noz. to Vsl
B03.100.001	2-RPV-WR13	Inside Radius
B03.100.002	2-RPV-WR13A	Inside Radius
B09.011.019	2-PHA-1	Noz. to Pipe
B09.011.021	2-PHB-1	Noz. to Pipe

9.0 Reference Documents

The following reference documents apply to the inservice inspection performed during Outage 16 at Oconee 1.

Duke Power Company Request for Relief ONS-006

Duke Power Company Request for Relief 95-04

Duke Power Company Request for Relief 96-01

PIP O95-1427

8.0 Corrective Action

PIP O-95-1427 was originated to document a reportable indication identified during visual examination of Item Number F01.031.006. Copy of PIP O-95-1427 is located in Section 9.0 of this report.

7.0 Personnel, Equipment and Material Certifications

All personnel who performed or evaluated the results of inservice inspections from July 13, 1994 to December 10, 1995 at Oconee Nuclear Station, Unit 1, were certified in accordance with the requirements of 1989 Edition of ASME Section XI with no addenda. The appropriate certification records for each Duke Power Company inspector are on file at Oconee Nuclear Station or copies can be obtained by contacting Duke Power's Corporate Office in Charlotte, North Carolina. The certification records for the Babcock & Wilcox inspectors are on file at the Babcock & Wilcox Offices in Lynchburg, Virginia.

Records of periodic calibration of Duke Power Company inspection equipment are on file at Oconee Nuclear Station or copies can be obtained by contacting Duke Power's Corporate Office in Charlotte, North Carolina. Records of periodic calibration of Babcock & Wilcox inspection equipment are on file at the Babcock & Wilcox Offices in Lynchburg, Virginia.

6.0 Reportable Indications

Outage 16 had one reportable indication on Item Number F01.031.006. PIP O-95-1427 was originated to document this condition. Copy of PIP O-95-1427 is located in Section 9.0 of this report.

- 5.2 Limited examinations (i.e., less than 90% of the required examination coverage obtained) identified during Outage 16 are shown below. A copy of the Request for Relief is contained in Section 9.0 of this report

<u>Item Number</u>	<u>Request for Relief Serial Number</u>
B03.110.002	96-01
B03.110.003	96-01
B03.110.004	96-01
B03.130.001	95-04
B03.130.002	95-04
B03.140.001	95-04
B03.140.002	95-04
C01.030.001	96-01

OCONEE UNIT NUMBER 1 - 3rd INTERVAL
CLASS B (CATEGORY C-H) RESULTS
THROUGH OUTAGE NUMBER 16

ITEM NO.	DRAWING	1ST PERIOD			2ND PERIOD			3RD PERIOD		
		EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS
C07.030.001	OFDL-101A-1.1	12/07/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A
C07.030.002	OFDL-101A-1.2	12/02/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT TESTED	N/A
C07.030.003	OFDL-101A-1.3	12/04/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A
C07.030.004	OFDL-101A-1.4	12/07/95	PARTIAL	RECORDABLE	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A
C07.030.005	OFDL-101A-1.5	12/02/95	COMPLETE	CLEAR	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A
C07.030.006	OFDL-102A-1.1	12/04/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT TESTED	N/A
C07.030.007	OFDL-102A-1.2	12/04/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT TESTED	N/A
C07.030.008	OFDL-102A-1.3	11/02/95	PARTIAL	RECORDABLE	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A
C07.030.010	OFDL-104A-1.1	12/02/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A
C07.030.011	OFDL-104A-1.2	12/04/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT TESTED	N/A
C07.030.017	OFDL-110A-1.1	12/07/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A
C07.030.031	OFDL-124B-1.2	11/28/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A
C07.030.032	OFDL-124B-1.4	12/07/95	PARTIAL	CLEAR	//	NOT TESTED	N/A	//	NOT REQUIRED	N/A

B. Items examined by Pressure Testing

Item Number	= ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2)
Drawing	= Number of the Flow Diagram
Examination Date	= Latest examination date
Condition	= Partial or Complete test C = Complete for the period N = Not complete for the period
Period Status 1, 2, 3	
Status	= Clear, Recordable or Reportable
Comments	= General and/or Detail Description

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G04.001.007	1-51A-10-6	51A	11/08/95	CLR	---	N	
G04.001.010	1-51A-5-81C	51A	11/08/95	CLR	100.0%	N	No scan due to valve. 100% coverage obtained using multiple angles. (60 shear & 60 L waves).
G04.001.011	1-51A-5-79C	51A	11/08/95	CLR	100.0%	N	No scan due to configuration. 100% coverage obtained using multiple angles.
G04.001.012	1-51A-5-77C	51A	11/08/95	CLR	100.0%	N	100% coverage obtained using multiple angles.
G06.001.033	1-03A-11-1VEN	03A	11/27/95	CLR	---	N	
G06.001.033A	1-03A-11-1VEN	03A	11/24/95	CLR	---	N	
G09.001.001	1-51A-01-3A	51A	10/02/95	CLR	---	N	
G09.001.007	1-53B-01-90B	53B	09/28/95	CLR	---	N	
G09.001.013	1-53B-03-33F	53B	11/14/95	CLR	---	N	
G09.001.019	1-53B-06-114K	53B	09/28/95	CLR	---	N	
G09.001.025	1-53B-13-115J	53B	09/25/95	CLR	---	N	
G09.001.031	1-54A-01-05A	54A	10/02/95	CLR	---	N	
G09.001.037	1-54A-04-21C	54A	10/09/95	CLR	---	N	
G09.001.043	1-54A-04-75C	54A	10/02/95	CLR	---	N	
G12.001.001	1-51B-10-10HC	51B	10/05/95	CLR	---	N	
G12.001.019	1-51B-7-34F	51B	11/27/95	CLR	---	N	

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F01.050.070	1-51A-H80	51A	10/02/95	CLR	---	N	
F01.050.071	1-51A-H86	51A	10/02/95	CLR	---	N	
F01.050.072	1-53A-GPD-H0010	53A	11/22/95	CLR	---	N	
F01.050.073	1-03-H6068	03	11/16/95	CLR	---	N	
F01.050.074	1-03-H6020	03	11/16/95	CLR	---	N	
F01.050.075	1-03-H6070	03	11/22/95	REC	---	N	Pin-to-pin cps are acceptable. However, base plate does not have bearing at both south anchors. Civil Engineering review has found this support to be acceptable for service. PA Wells 11/30/95
F01.050.076	1-03-H6071	03	11/16/95	CLR	---	N	
F01.050.077	1-57-NW1Z	57	11/22/95	CLR	---	N	
F01.050.078	1-57-H23	57	11/21/95	CLR	---	N	
F01.050.079	1-01A-R11	01A	10/18/95	CLR	---	N	
F01.050.080	1-01A-R4	01A	10/18/95	CLR	---	N	
F01.050.081	1-01A-R5	01A	10/16/95	CLR	---	N	
F01.050.081	1-01A-R5	01A	11/30/95	CLR	---	N	
F01.050.082	1-01A-R6	01A	11/30/95	CLR	---	N	
F01.050.083	1-01A-R7	01A	11/21/95	CLR	---	N	
F01.050.084	1-03-R13	03	11/30/95	CLR	---	N	
F01.050.085	1-03A-H115	03A	10/05/95	CLR	---	N	
F01.050.086	1-03A-H123	03A	10/05/95	CLR	---	N	
F01.050.087	1-03A-SR62	03A	09/20/95	CLR	---	N	
F01.050.088	1-01A-H43	01A	10/16/95	CLR	---	N	
F01.050.089	1-01A-R11	01A	10/18/95	CLR	---	N	
F01.050.090	1-07A-H39	07A	11/30/95	CLR	---	N	
F01.050.091	1-07A-H40	07A	10/05/95	CLR	---	N	
F01.050.092	1-07A-H41	07A	10/18/95	CLR	---	N	
G04.001.001	1-51A-11-87	51A	11/08/95	CLR	100.0%	N	No scan due to nozzle. 100% coverage obtained using multiple angles (60 shear & 60 L)
G04.001.002	1-51A-11-88	51A	11/08/95	CLR	100.0%	N	No scan due to valve. 100% coverage obtained using multiple angles. (60 shear & 60 L wave).
G04.001.003	1-51A-11-89	51A	11/08/95	CLR	100.0%	N	No scan due to nozzle. 100% coverage obtained using multiple angles. (60 shear & 60 L wave).
G04.001.004	1-51A-11-90	51A	11/08/95	CLR	100.0%	N	No scan due to nozzle. 100% coverage obtained using multiple angles. (60 shear & 60 L wave).
G04.001.005	1-51A-10-1	51A	11/08/95	CLR	100.0%	N	No scan due to valve. 100% coverage obtained using multiple angles. (60 shear & 60 L wave).
G04.001.006	1-51A-10-2	51A	11/08/95	CLR	---	N	

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F01.050.042	1-01A-R9-4	01A	11/21/95	CLR	---	N	
F01.050.043	1-03-R12	03	11/30/95	CLR	---	N	
F01.050.044	1-03-R7	03	11/05/95	CLR	---	N	
F01.050.045	1-03A-SR56	03A	10/05/95	CLR	---	N	
F01.050.046	1-03A-SR57	03A	10/05/95	CLR	---	N	
F01.050.047	1-03A-SR58	03A	10/18/95	CLR	---	N	
F01.050.048	1-03A-SR59	03A	10/18/95	CLR	---	N	
F01.050.049	1-03A-SR50	03A	10/17/95	CLR	---	N	
F01.050.050	1-03A-SR63	03A	09/20/95	CLR	---	N	
F01.050.051	1-03A-SR64	03A	10/02/95	CLR	---	N	
F01.050.052	1-01A-H40	01A	10/17/95	CLR	---	N	
F01.050.053	1-01A-H44	01A	10/16/95	CLR	---	N	
F01.050.054	1-01A-R6	01A	10/16/95	REC	---	N	Item #2 of bill of materials, the top part of rear bracket is rubbing bottom portion of structural I beam. Civil Engineering review has found this support to be acceptable for service. PA Wells 11/30/95 (See inspection record for additional justification).
F01.050.055	1-01A-R2	01A	10/16/95	CLR	---	N	
F01.050.056	1-03A-DE058	03A	11/30/95	CLR	---	N	
F01.050.057	1-03-H4171	03	10/03/95	CLR	---	N	
F01.050.058	1-53B-DE056	53B	09/20/95	REC	---	N	Insulation mud all over the cylinder of the mechanical snubber. Civil Engineering review has found this support to be acceptable for service. PA Wells 11/30/95
F01.050.059	1-53B-DE059	53B	09/26/95	CLR	---	N	
F01.050.060	1-53B-DE066	53B	09/20/95	REC	---	N	Insulation mud all over the cylinder of the mechanical snubber. Civil Engineering review has found this support to be acceptable for service. PA Wells 11/30/95
F01.050.061	1-54A-DE-020	54A	09/20/95	CLR	---	N	
F01.050.062	1-54A-DE015	54A	09/20/95	REC	---	N	Insulation mud all over cylinder of the mechanical snubber. Civil Engineering review has found this support to be acceptable for service. PA Wells 11/30/95
F01.050.063	1-51A-DE001A	51A	09/20/95	CLR	---	N	
F01.050.064	1-53B-DE060	53B	09/26/95	CLR	---	N	
F01.050.065	1-53B-DE055	53B	10/25/95	CLR	---	N	
F01.050.066	1-53B-DE057	53B	10/25/95	CLR	---	N	
F01.050.067	1-51A-H102	51A	10/02/95	CLR	---	N	
F01.050.068	1-51A-H97	51A	09/21/95	CLR	---	N	
F01.050.069	1-54A-R16	54A	10/02/95	CLR	---	N	

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F01.050.013	1-53A-H5A	53A	11/05/95	CLR	---	N	
F01.050.014	1-53A-H5B	53A	11/22/95	CLR	---	N	
F01.050.015	1-03-H7B	03	11/16/95	CLR	---	N	
F01.050.016	1-50-H11	50	11/22/95	CLR	---	N	
F01.050.017	1-03-H10A	03	11/30/95	CLR	---	N	
F01.050.018	1-53A-H40C	53A	11/21/95	CLR	---	N	
F01.050.019	1-53A-H41C	53A	11/30/95	CLR	---	N	
F01.050.020	1-57-H10	57	11/30/95	CLR	---	N	
F01.050.021	1-57-H11	57	11/30/95	CLR	---	N	
F01.050.022	1-57-H13-A	57	11/30/95	CLR	---	N	
F01.050.023	1-57-H14	57	11/21/95	CLR	---	N	
F01.050.024	1-57-H15	57	11/21/95	REC	---	N	Cold Piston setting is out of tolerance. The Cold setting is acceptable per Specification OS-0027.00-00-0002. TJC 11/29/95
F01.050.025	1-57-H17	57	11/30/95	CLR	---	N	
F01.050.026	1-57-H18	57	11/30/95	REC	---	N	Cold piston setting out of tolerance per sketch. DLO Setting is acceptable per hanger specification OS-0027.00-00-0002 Sect. 9.2. TJC
F01.050.027	1-57-H22	57	11/30/95	CLR	---	N	
F01.050.028	1-57-H26	57	11/30/95	CLR	---	N	
F01.050.029	1-57-H9	57	11/30/95	CLR	---	N	
F01.050.030	1-01A-H10B	01A	11/30/95	CLR	---	N	
F01.050.031	1-01A-H11A	01A	11/05/95	CLR	---	N	
F01.050.032	1-01A-H11B	01A	11/30/95	CLR	---	N	
F01.050.033	1-01A-H12A	01A	11/30/95	CLR	---	N	
F01.050.034	1-01A-DE005	01A	11/21/95	CLR	---	N	
F01.050.035	1-01A-DE006	01A	11/21/95	CLR	---	N	
F01.050.036	1-01A-R-2-1	01A	11/21/95	CLR	---	N	
F01.050.037	1-01A-R-2-2	01A	11/21/95	CLR	---	N	
F01.050.038	1-01A-R12	01A	11/30/95	REC	---	N	Fluid reservoir is only 40% full & fluid is present on body of suppressor. Jam nut on screw eye at beam attachment is loose. Civil Engineering review has found this support to be acceptable for service. WR was written to repair any leaks on this snubber prior to unit startup. PA Wells 12/1/95
F01.050.039	1-01A-R9-1	01A	11/21/95	CLR	---	N	
F01.050.040	1-01A-R9-2	01A	11/21/95	CLR	---	N	
F01.050.041	1-01A-R9-3	01A	11/21/95	CLR	---	N	

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							Therefore, the support is acceptable for service per Article IWF-3112 of Section XI of ASME Code. PA Wells 12/1/95
F01.030.022	1-08-H4050	08	09/06/95	CLR	---	N	
F01.030.035	1-56-DE009	56	10/25/95	CLR	---	N	
F01.030.036	1-56-H17	56	10/05/95	CLR	---	N	
F01.030.041	1-57-H1	57	11/22/95	CLR	---	N	
F01.030.042	1-04A-H16	04A	11/27/95	REC	---	N	Rod hangers removed; rod not loaded & not welded per sketch. Civil Engineering review has found this support to be acceptable for service. PA Wells 12/1/95 (See inspection record for additional justification).
F01.031.002	1-03-H6175	03	11/22/95	CLR	---	N	
F01.031.006	1-04A-R5	04A	10/12/95	REJ	---	N	2 1/4" gap below pipe is 1 1/2" - tolerance is -0 +1; not welded in accordance with sketch. Civil Engineering has found this support to be unacceptable for service in its as -found condition. PIP 1-95-1427 was originated to document operability. PA Wells 11/14/95
F01.031.008	1-08-H4055	08	09/06/95	CLR	---	N	
F01.031.016	1-04A-R6	04A	11/21/95	REC	---	N	This hanger has never been painted, needs rust & scale removed. Also, slag present on some welds. Civil Engineering review has found this support to be acceptable for service. PA Wells 12/1/95 (See inspection record for further justification).
F01.032.004	1-03-H63	03	10/02/95	REC	---	N	Pipe not bearing on middle lug on pipe saddle, west rod is bent & nuts don't have full thread on bolts on item #2. Civil Engineering review has found this support to be acceptable for service. PA Wells 11/29/95 (See inspection record for additional justification).
F01.032.006	1-04A-R12	04A	10/30/95	CLR	---	N	Inspected with D02.050.001
F01.040.006	1-DHRC-A-SUPPORT	53A	09/26/95	CLR	---	N	
F01.050.001	1-50-H12	50	11/22/95	CLR	---	N	
F01.050.002	1-50-H1A	50	11/30/95	CLR	---	N	
F01.050.003	1-50-H2A	50	11/30/95	CLR	---	N	
F01.050.004	1-50-H3	50	11/22/95	CLR	---	N	
F01.050.005	1-50-H3A	50	11/30/95	CLR	---	N	
F01.050.006	1-50-H7	50	11/30/95	CLR	---	N	
F01.050.007	1-50-H8	50	11/21/95	CLR	---	N	
F01.050.008	1-50-H9	50	11/05/95	CLR	---	N	
F01.050.009	1-50-H10	50	11/22/95	CLR	---	N	
F01.050.011	1-50-H1	50	11/21/95	CLR	---	N	
F01.050.012	1-51A-H17A	51A	11/21/95	CLR	---	N	

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							discrepancy is not service induced. Therefore, the support is acceptable for service per Article IWF-3112 of Section XI of ASME Code. P A Wells 12/1/95
F01.020.043	1-56-SR18	56	10/25/95	CLR	---	N	
F01.021.005	1-14-H19B	14	11/22/95	REC	---	N	No gaps visible around pipe - sketch indicates 1/16" clearance sides & top. Civil Engineering review has found this support to be acceptable for service. The indication noted was determined not to be a discrepancy. PA Wells 11/30/95 (See additional justification documented in inspection package)
F01.021.008	1-14-H6	14	11/22/95	REC	---	N	East stanchion - no gap above pipe west stanchion - gap north of stanchion is 0.160" (0.125" max.) Civil engineering review has found this support to be acceptable for service. The discrepancies were determined to be not significant and no root cause investigation is required. PA Wells 11/29/95 (For further justification see inspection package)
F01.021.013	1-51A-H91	51A	09/21/95	CLR	---	N	
F01.021.024	1-56-DE001	56	10/12/95	CLR	---	N	
F01.022.012	1-51A-H3	51A	11/02/95	CLR	---	N	
F01.022.016	1-53B-H1	53B	09/20/95	CLR	---	N	
F01.022.017	1-53B-H10	53B	09/26/95	CLR	---	N	
F01.022.024	1-54A-R5	54A	09/20/95	CLR	---	N	
F01.030.017	1-04A-H17	04A	11/27/95	REC	---	N	Rod hangers removed, not welded per sketch & jam nuts do not have full thread engagement. After evaluation it was determined that this discrepancy is not service induced. Therefore, the support is acceptable for service per Article IWF-3112 of Section XI of ASME Code. PA Wells 11/29/95 (See inspection package for additional justification)
F01.030.017	1-04A-H17	04A	10/02/95	REC	---	N	This inspection was performed after hanger 1-04A-2-0-439B-R5 (F01.031.066) was found to be unacceptable for continued service. Items #1 shown welded 3/16" fillet outside both sides typ. Actual welds are shown on attached sketch (see inspection record). After evaluation it was determined that this discrepancy is not service induced. Therefore, the support is acceptable for service per Article IWF-3112 of Section XI of ASME Code. PA Wells 12/1/95
F01.030.020	1-07A-GTE-1901	07A	09/06/95	CLR	---	N	
F01.030.021	1-07A-SR8	07A	09/06/95	REC	---	N	3/16" weld instead of 1/4" as indicated on sketch. After evaluation it was determined that this discrepancy is not service induced.

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D02.020.099	1-14B-SR60	14B	10/03/95	CLR	---	N	
D02.020.102	1-57-H1	57	11/22/95	CLR	---	N	
D02.030.003	1-03-H4171	03	10/03/95	CLR	0.00%	N	
D02.040.004	1-03-H50	03	11/28/95	CLR	---	N	
D02.040.008	1-03-H63	03	10/02/95	CLR	0.00%	N	
D02.040.015	1-14B-H20	14B	09/26/95	CLR	0.00%	N	
D02.050.001	1-04A-R12	04A	10/30/95	CLR	---	N	
D03.020.001	1-56-DE034	56	10/03/95	REC	---	N	Item #1 not welded to pipe. After evaluation it was determined that this is not a discrepancy. No weld is called out on the sketch between the saddle & the pipe. No action is required. PA Wells 11/30/95
D03.020.003	1-56-H17	56	10/05/95	CLR	---	N	
D03.020.008	1-56-H5133	56	10/05/95	CLR	---	N	
D03.020.012	1-56-JTC-2903	56	11/16/95	REC	---	N	Attachment sketch shows pipe welded along pipe axis to item #3. East side is inaccessible. No weld exists west side in this location. After evaluation it was determined that this discrepancy is not service induced. Therefore, the support is acceptable for service per Article IWF-3112 of Section XI of ASME Code. PA Wells 12/1/95
F01.010.005	1-51A-H6228	51A	12/01/95	CLR	---	N	
F01.012.003	1-50-H2A	50	11/30/95	REC	---	N	Cylinder rods (lower) bearing against clamp - no freedom of movement. Civil Engineering review has found this support to be acceptable for service. PA Wells 11/30/95 (For additional justification see inspection package).
F01.012.006	1-53A-H39C	53A	11/30/95	CLR	---	N	
F01.012.008	1-53A-H6200	53A	11/30/95	CLR	---	N	
F01.012.009	1-57-H13-A	57	11/30/95	CLR	---	N	
F01.020.008	1-14-H54	14	11/30/95	CLR	---	N	
F01.020.009	1-14-H63	14	11/30/95	CLR	---	N	
F01.020.016	1-51A-H100	51A	09/21/95	REC	---	N	No weld exist on inside of box at top. After evaluation it was discovered that this discrepancy is not service induced. Therefore, the support is acceptable for srvice per Article IWF-3112 of Section XI of ASME Code. PA Wells 12/1/95
F01.020.022	1-51B-DE051	51B	11/02/95	CLR	---	N	
F01.020.027	1-53B-H1	53B	10/05/95	CLR	---	N	
F01.020.037	1-54A-DE10	54A	09/20/95	CLR	---	N	
F01.020.038	1-54A-H23	54A	10/12/95	REC	---	N	Items #2 shown welded east & west side typ. Actually welded north & south sides typical. After evaluation it was determined that this

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ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
C05.051.036	1-LPSW-344-21	14B	10/25/95	CLR	---	N	
C05.051.036A	1-LPSW-344-21	14B	10/25/95	CLR	---	N	
C05.051.040	1-LPSW-345-17	14B	11/09/95	CLR	100.0%	N	No scan due to flange configuration. 100% coverage obtained using additional angle (7 degree).
C05.051.040A	1-LPSW-345-17	14B	11/09/95	CLR	---	N	
C05.051.049	1-LPSW-346-21	14B	10/25/95	CLR	---	N	
C05.051.049A	1-LPSW-346-21	14B	10/25/95	CLR	---	N	
C05.052.002	1-20B-21-16-2L	20B	11/13/95	CLR	---	N	
C05.052.002A	1-20B-21-16-2L	20B	11/14/95	CLR	---	N	
C05.081.004	1-03-09-40D	03	11/19/95	CLR	---	N	
C05.081.006	1-FWD67-A	03A	11/19/95	CLR	---	N	
C06.020.001	1-FDW-345	03A	11/19/95	CLR	---	N	
D02.020.006	1-03-NPS-H16	03	11/16/95	CLR	---	N	
D02.020.009	1-03A-DE063	03A	10/09/95	CLR	---	N	
D02.020.031	1-03A-H72	03A	10/02/95	CLR	---	N	
D02.020.066	1-04A-R5	04A	10/12/95	REC	---	N	Sect. EE shows Items #16 welded all around. Actually welded top, bottom, outside edges. After evaluation it was determined that this discrepancy is not service induced. Therefore the support is acceptable for service per Article IWF-3112 of ASME Section XI. PA Wells 12/1/95
D02.020.068	1-07A-H12	07A	09/06/95	CLR	---	N	
D02.020.072	1-08-H4051	08	09/06/95	CLR	---	N	
D02.020.075	1-14B-ASR17	14B	10/11/95	REC	---	N	1/4" weld is approximately 3/16" only. After evaluation it was determined that this discrepancy is not service induced. Therefore, the support is acceptable for service per Article IWF-3112 of Section XI of the ASME Code.
D02.020.078	1-14B-CLF-901	14B	09/20/95	REC	---	N	Missing weld and rust/pits. Civil Engineering review has found this support to be acceptable for service. PA Wells 12/5/95
D02.020.084	1-14B-H2	14B	10/30/95	CLR	---	N	
D02.020.089	1-14B-RMC-0503	14B	10/12/95	REC	---	N	Not welded in accordance with the hanger sketch. After evaluation it was determined that this discrepancy is not service induced. Therefore, the support is acceptable for service per Article IWF-3112 of Section XI of ASME Code. PA Wells 12/1/95
D02.020.095	1-14B-SR43	14B	10/12/95	REC	---	N	Hanger not welded in accordance with sketch. After evaluation it was determined that this discrepancy is not service induced. Therefore, the support is acceptable for service per Article IWF-3112 of Section XI of ASME Code. PA Wells 12/1/95

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C05.021.061A	1-51A-03-99B	51A	10/23/95	CLR	---	N	
C05.021.068	1-51A-136-24	51A	11/17/95	REC	---	Y	
C05.021.068A	1-51A-136-24	51A	11/17/95	CLR	---	N	
C05.021.074	1-51A-01-71A	51A	11/07/95	CLR	100.0%	N	Limitation was due to valve to elbow configuration. 100% coverage was obtained by use of multiple angles.
C05.021.074A	1-51A-01-71A	51A	11/03/95	CLR	---	N	
C05.021.076	1-51A-01-13A	51A	11/02/95	CLR	---	N	
C05.021.076A	1-51A-01-13A	51A	11/02/95	CLR	---	N	
C05.021.082	1-51A-01-106A	51A	11/02/95	REC	---	Y	
C05.021.082A	1-51A-01-106A	51A	11/02/95	CLR	---	N	
C05.021.088	1-51A-02-21B	51A	11/08/95	REC	---	Y	
C05.021.088A	1-51A-02-21B	51A	11/14/95	CLR	---	N	
C05.021.094	1-51A-02-7B	51A	11/08/95	CLR	---	N	
C05.021.094A	1-51A-02-7B	51A	11/14/95	CLR	---	N	
C05.021.103	1-RCP-FTR1A-SH-1		10/25/95	CLR	---	N	
C05.021.103A	1-RCP-FTR1A-SH-1		10/24/95	CLR	---	N	
C05.021.104	1-RCP-FTR1A-SH-2		10/25/95	CLR	---	N	
C05.021.104A	1-RCP-FTR1A-SH-2		10/24/95	CLR	---	N	
C05.041.002	1-53B-01-87BA	53B	09/28/95	CLR	---	N	
C05.041.011	1-53B-06-21KA	53B	10/09/95	CLR	---	N	
C05.041.012	1-53B-06-21KB	53B	10/09/95	CLR	---	N	
C05.041.024	1-53B-02-121ZA	53B	09/28/95	CLR	---	N	
C05.041.025	1-53B-02-121Z	53B	09/28/95	CLR	---	N	
C05.051.006	1-MS17B-A	01A	11/28/95	REC	---	Y	
C05.051.006A	1-MS17B-A	01A	11/24/95	CLR	---	N	
C05.051.009	1-01A-01-29C	01A	11/28/95	REC	---	Y	
C05.051.009A	1-01A-01-29C	01A	11/24/95	CLR	---	N	
C05.051.012	1-01A-02-11BA	01A	11/19/95	REC	---	Y	
C05.051.012A	1-01A-02-11BA	01A	11/17/95	CLR	---	N	
C05.051.017	1-01A-1-99	01A	11/28/95	REC	---	Y	
C05.051.017A	1-01A-1-99	01A	11/24/95	CLR	---	N	
C05.051.030	1-FWD88-C	03A	11/27/95	CLR	---	N	
C05.051.030A	1-FWD88-C	03A	11/24/95	CLR	---	N	
C05.051.033	1-20B-21-16-2	20B	11/13/95	CLR	100.0%	N	100% coverage obtained using 70 degree angle as a supplemental angle for coverage
C05.051.033A	1-20B-21-16-2	20B	11/14/95	CLR	---	N	

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C03.020.033	1-51-SR47	51	10/30/95	CLR	---	N	
C03.020.034	1-51-SR48	51	10/02/95	CLR	---	N	
C03.020.035	1-51-SR49	51	09/26/95	CLR	---	N	
C03.020.037	1-51-SR51	51	09/26/95	CLR	---	N	
C03.020.038	1-51A-H115	51A	09/20/95	CLR	---	N	
C03.020.039	1-51A-H91	51A	09/19/95	CLR	---	N	
C03.020.043	1-53B-H1	53B	09/19/95	CLR	---	N	
C03.020.067	1-JWC-1707	56	11/22/95	CLR	---	N	
C03.020.068	1-JWC-1708	56	11/22/95	CLR	---	N	
C05.011.003	1-53A-01-30L	53A	11/21/95	CLR	100.0%	N	One sided examination due to valve. 100% coverage due to 60 degree L for far side.
C05.011.003A	1-53A-01-30L	53A	11/24/95	CLR	---	N	
C05.021.001	1-51A-01-79A	51A	11/07/95	CLR	100.0%	N	Limitation was due to valve to elbow configuration. 100% coverage was obtained by use of multiple angles.
C05.021.001A	1-51A-01-79A	51A	11/03/95	CLR	---	N	
C05.021.002	1-51A-02-15B	51A	10/24/95	CLR	---	N	
C05.021.002A	1-51A-02-15B	51A	10/09/95	CLR	---	N	
C05.021.007	1-51A-122-19	51A	10/24/95	CLR	---	N	
C05.021.007	1-51A-122-19	51A	10/24/95	REC	---	Y	
C05.021.007A	1-51A-122-19	51A	10/30/95	CLR	---	N	
C05.021.012	1-51A-123-12	51A	10/23/95	CLR	---	N	
C05.021.012	1-51A-123-12	51A	10/23/95	CLR	---	N	
C05.021.012A	1-51A-123-12	51A	10/23/95	CLR	---	N	
C05.021.018	1-51A-124-10	51A	11/07/95	CLR	---	N	
C05.021.018A	1-51A-124-10	51A	11/20/95	CLR	---	N	
C05.021.024	1-51A-125-13	51A	10/23/95	CLR	---	N	
C05.021.024	1-51A-125-13	51A	10/23/95	CLR	---	N	
C05.021.024A	1-51A-125-13	51A	10/23/95	CLR	---	N	
C05.021.030	1-51A-127-4	51A	10/26/95	CLR	---	N	
C05.021.030A	1-51A-127-4	51A	10/26/95	CLR	---	N	
C05.021.045	1-51A-01-89A	51A	10/26/95	CLR	---	N	
C05.021.045A	1-51A-01-89A	51A	10/26/95	CLR	---	N	
C05.021.051	1-51A-02-16BA	51A	10/24/95	CLR	---	N	
C05.021.051A	1-51A-02-16BA	51A	10/09/95	CLR	---	N	
C05.021.061	1-51A-03-99B	51A	10/23/95	CLR	---	N	
C05.021.061	1-51A-03-99B	51A	10/23/95	CLR	---	N	

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B09.012.001	1-PIA1-62LI	50	11/18/95	CLR	---	N	
B09.012.001A	1-PIA1-62LI	50	11/18/95	CLR	---	N	
B09.012.002	1-PIA1-62LO	50	11/18/95	CLR	---	N	
B09.012.002A	1-PIA1-62LO	50	11/18/95	CLR	---	N	
B09.012.003	1-PIA1-45LI	50	11/18/95	CLR	---	N	
B09.012.003A	1-PIA1-45LI	50	11/21/95	CLR	---	N	
B09.012.004	1-PIA1-45LO	50	11/18/95	CLR	---	N	
B09.012.004A	1-PIA1-45LO	50	11/24/95	CLR	---	N	
B09.012.007	1-PDA1-53LO	50	11/13/95	CLR	---	N	
B09.012.007A	1-PDA1-53LO	50	11/13/95	CLR	---	N	
B09.012.008	1-PDA1-53LI	50	11/13/95	CLR	---	N	
B09.012.008A	1-PDA1-53LI	50	11/13/95	CLR	---	N	
B09.012.051	1-PIA1-62LI	50	11/18/95	CLR	---	N	
B09.012.051A	1-PIA1-62LI	50	11/18/95	CLR	---	N	
B09.012.052	1-PIA1-62LO	50	11/18/95	CLR	---	N	
B09.012.052A	1-PIA1-62LO	50	11/18/95	CLR	---	N	
B09.021.032	1-51A-04-25C	51A	11/08/95	CLR	---	N	
B09.021.033	1-51A-04-23C	51A	11/08/95	CLR	---	N	
B09.021.034	1-51A-04-14C	51A	11/08/95	CLR	---	N	
B09.021.037	1-51A-04-11C	51A	11/08/95	CLR	---	N	
B09.021.038	1-51A-04-9C	51A	11/08/95	CLR	---	N	
B09.031.003	1-PIB1-10	50	11/21/95	CLR	100.0%	N	100 % coverage obtained by using a combination of 45 & 60 degree transducers
B14.010.001	1-RPV-CRD-47WH9	50	11/24/95	CLR	---	N	
B14.010.004	1-RPV-CRD-47W60	50	11/12/95	CLR	---	N	
B14.010.007	1-RPV-CRD-47	50	11/12/95	CLR	---	N	
B14.010.010	1-RPV-CRD-47W61	50	11/12/95	CLR	---	N	
C01.030.001	1-SGA-WG60		11/20/95	CLR	0.00%	N	Percent of coverage varies due to location of support/restraint. See inspection report for more detail.
C02.021.002	1-SGB-WG23-2	03	11/21/95	REC	---	N	
C02.021.002A	1-SGB-WG23-2	03	11/19/95	CLR	---	N	
C02.022.002	1-SGB-WG23-2	03	11/21/95	CLR	---	N	
C03.020.001	1-01A-H10A	01A	11/17/95	CLR	---	N	
C03.020.009	1-01A-H5B	01A	11/20/95	CLR	---	N	
C03.020.030	1-51-SR20	51	09/20/95	CLR	---	N	
C03.020.031	1-51-SR38	51	10/02/95	CLR	---	N	

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B06.030.015A	1-RPV-25-203-15		11/16/95	CLR	---	N	
B06.030.016	1-RPV-25-203-62		11/16/95	CLR	---	N	
B06.030.016A	1-RPV-25-203-62		11/16/95	CLR	---	N	
B06.030.017	1-RPV-25-203-17		11/16/95	CLR	---	N	
B06.030.017A	1-RPV-25-203-17		11/16/95	CLR	---	N	
B06.030.018	1-RPV-25-203-18		11/16/95	CLR	---	N	
B06.030.018A	1-RPV-25-203-18		11/16/95	CLR	---	N	
B06.030.019	1-RPV-25-203-19		11/16/95	CLR	---	N	
B06.030.019A	1-RPV-25-203-19		11/16/95	CLR	---	N	
B06.030.020	1-RPV-25-203-20		11/16/95	CLR	---	N	
B06.030.020A	1-RPV-25-203-20		11/16/95	CLR	---	N	
B06.050.001	1-RPV-WASH-BUSH		11/17/95	CLR	---	N	
B06.080.001	1-PZR-MW-NUTS		12/05/95	CLR	---	N	
B07.030.002	1-SGA-LMW-BOLTS		11/11/95	CLR	---	N	
B07.030.006	1-SGA-LHIC-BOLTS		11/28/95	CLR	---	N	Inspection was done with bolting in place.
B07.050.003	1-PZR-RC67-BOLT		11/22/95	CLR	---	N	
B07.050.004	1-PZR-RC68-BOLT		11/22/95	CLR	---	N	
B07.060.003	1-RCP-1B1-SEAL		11/22/95	CLR	---	N	Bolting inspected in place.
B07.080.001	1-RPV-CRD-BOLTS		11/28/95	CLR	---	N	Inspected CRD #s 2, 3, 4, 5, 6, 8, 15, 18, 47, 48, 49, 52, 54, 56, 58, 62, 64, 65 & 67. No apparent service induced damage.
B07.080.002	1-RPV-CRD-RINGS		11/28/95	CLR	---	N	Inspected CRD #s 2, 3, 4, 5, 6, 8, 15, 18, 47, 48, 49, 52, 54, 56, 58, 62, 64, 65, & 67. No apparent service induced damage.
B09.011.001	1-PIA1-9	50	11/19/95	CLR	---	N	
B09.011.001A	1-PIA1-9	50	11/18/95	CLR	---	N	
B09.011.004	1-PIA1-5	50	11/18/95	CLR	---	N	
B09.011.004A	1-PIA1-5	50	11/18/95	CLR	---	N	
B09.011.005	1-PIA1-4	50	11/18/95	CLR	100.0%	N	Limited scan due to nozzle weld in area of interest. 100% coverage obtained by scanning across weld cap in 2 directions.
B09.011.005A	1-PIA1-4	50	11/18/95	CLR	---	N	
B09.011.007	1-PIA1-2	50	11/18/95	CLR	---	N	
B09.011.007A	1-PIA1-2	50	11/18/95	CLR	---	N	
B09.011.008	1-PIA1-1	50	11/18/95	CLR	---	N	
B09.011.008A	1-PIA1-1	50	11/18/95	CLR	---	N	
B09.011.011	1-PDA1-4	50	11/13/95	CLR	---	N	
B09.011.011A	1-PDA1-4	50	11/13/95	CLR	---	N	
B09.011.036	1-PIB1-5	50	11/21/95	REC	---	N	

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B06.010.014	1-RPV-26-203-14		11/16/95	CLR	---	N	
B06.010.015	1-RPV-26-203-15		11/16/95	CLR	---	N	
B06.010.016	1-RPV-26-203-16		11/16/95	CLR	---	N	
B06.010.017	1-RPV-26-203-17		11/16/95	CLR	---	N	
B06.010.018	1-RPV-26-203-18		11/16/95	CLR	---	N	
B06.010.019	1-RPV-26-203-19		11/16/95	CLR	---	N	
B06.010.020	1-RPV-26-203-20		11/16/95	CLR	---	N	
B06.030.001	1-RPV-25-203-01		11/16/95	CLR	---	N	
B06.030.001A	1-RPV-25-203-01		11/16/95	CLR	---	N	
B06.030.002	1-RPV-25-203-02		11/16/95	CLR	---	N	
B06.030.002A	1-RPV-25-203-02		11/16/95	CLR	---	N	
B06.030.003	1-RPV-25-203-03		11/16/95	CLR	---	N	
B06.030.003A	1-RPV-25-203-03		11/16/95	CLR	---	N	
B06.030.004	1-RPV-25-203-04		11/16/95	CLR	---	N	
B06.030.004A	1-RPV-25-203-04		11/16/95	CLR	---	N	
B06.030.005	1-RPV-25-203-05		11/16/95	CLR	---	N	
B06.030.005A	1-RPV-25-203-05		11/16/95	CLR	---	N	
B06.030.006	1-RPV-25-203-06		11/16/95	CLR	---	N	
B06.030.006A	1-RPV-25-203-06		11/16/95	CLR	---	N	
B06.030.007	1-RPV-25-203-07		11/16/95	CLR	---	N	
B06.030.007A	1-RPV-25-203-07		11/16/95	CLR	---	N	
B06.030.008	1-RPV-25-203-64		11/16/95	CLR	---	N	
B06.030.008A	1-RPV-25-203-64		11/16/95	CLR	---	N	
B06.030.009	1-RPV-25-203-09		11/16/95	CLR	---	N	
B06.030.009A	1-RPV-25-203-09		11/16/95	CLR	---	N	
B06.030.010	1-RPV-25-203-10		11/16/95	CLR	---	N	
B06.030.010A	1-RPV-25-203-10		11/16/95	CLR	---	N	
B06.030.011	1-RPV-25-203-11		11/16/95	CLR	---	N	
B06.030.011A	1-RPV-25-203-11		11/16/95	CLR	---	N	
B06.030.012	1-RPV-25-203-12		11/16/95	CLR	---	N	
B06.030.012A	1-RPV-25-203-12		11/16/95	CLR	---	N	
B06.030.013	1-RPV-25-203-13		11/16/95	CLR	---	N	
B06.030.013A	1-RPV-25-203-13		11/16/95	CLR	---	N	
B06.030.014	1-RPV-25-203-14		11/16/95	CLR	---	N	
B06.030.014A	1-RPV-25-203-14		11/16/95	CLR	---	N	
B06.030.015	1-RPV-25-203-15		11/16/95	CLR	---	N	

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B01.030.002	1-RPV-WR19	50	11/08/95	CLR	---	N	
B02.011.001	1-PZR-WP76	50	11/16/95	REC	90.70%	N	
B02.011.003	1-PZR-WP4	50	11/21/95	REC	---	N	
B02.012.001	1-PZR-WP1-1	50	11/16/95	CLR	---	N	
B03.110.002	1-PZR-WP34	50	11/16/95	REC	89.64%	Y	
B03.110.003	1-PZR-WP33-3	50	11/16/95	REC	89.22%	Y	
B03.110.004	1-PZR-WP33-2	50	11/16/95	REC	89.22%	Y	
B03.120.002	1-PZR-WP34	50	11/16/95	CLR	---	N	
B03.120.003	1-PZR-WP33-3	50	11/16/95	CLR	---	N	
B03.120.004	1-PZR-WP33-2	50	11/16/95	CLR	---	N	
B03.130.001	1-SGA-WG50-2	50	11/13/95	REC	75.00%	Y	
B03.130.002	1-SGA-WG50-1	50	11/13/95	REC	75.00%	Y	
B03.140.001	1-SGA-WG50-2	50	11/13/95	CLR	44.00%	N	
B03.140.002	1-SGA-WG50-1	50	11/13/95	CLR	44.00%	N	
B05.050.002	1-PZR-WP91-2	50	11/18/95	CLR	---	N	
B05.050.003	1-PZR-WP91-3	50	11/18/95	CLR	---	N	
B05.130.001	1-PIA1-7	50	11/19/95	CLR	---	N	
B05.130.001A	1-PIA1-7	50	11/19/95	CLR	---	N	
B05.130.001B	1-PIA1-7	50	11/18/95	CLR	---	N	
B05.140.001	1-PIA1-11	50	11/19/95	CLR	---	N	
B05.140.003	1-PDA1-11	50	11/19/95	CLR	---	N	
B05.140.009	1-50-01-34	50	11/17/95	CLR	---	N	
B05.140.010	1-50-01-2	50	11/19/95	CLR	---	N	
B06.010.001	1-RPV-26-203-01		11/16/95	CLR	---	N	
B06.010.002	1-RPV-26-203-02		11/16/95	CLR	---	N	
B06.010.003	1-RPV-26-203-03		11/16/95	CLR	---	N	
B06.010.004	1-RPV-26-203-04		11/16/95	CLR	---	N	
B06.010.005	1-RPV-26-203-05		11/16/95	CLR	---	N	
B06.010.006	1-RPV-26-203-06		11/16/95	CLR	---	N	
B06.010.007	1-RPV-26-203-07		11/16/95	CLR	---	N	
B06.010.008	1-RPV-26-203-08		11/16/95	CLR	---	N	
B06.010.009	1-RPV-26-203-09		11/16/95	CLR	---	N	
B06.010.010	1-RPV-26-203-10		11/16/95	CLR	---	N	
B06.010.011	1-RPV-26-203-11		11/16/95	CLR	---	N	
B06.010.012	1-RPV-26-203-12		11/16/95	CLR	---	N	
B06.010.013	1-RPV-26-203-13		11/16/95	CLR	---	N	

5.0 Results Of Inspections Performed During Outage 16

The results of each examination shown in the final ISI Plan (Section 4 of this report) are included in this section. The completion date and status for each examination are shown. Limited examinations are described in further detail in Section 5.2. All examinations revealing reportable indications are described in further detail in Section 6.

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

A. Items examined by NDE methods

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
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
Comments	=	General and/or Detail Description

PAGE NO. 1
01/29/96

OCONEE UNIT NUMBER 1 - 3rd INTERVAL
CLASS A (CATEGORY B-P) LEAKAGE TEST RESULTS
ITEM NUMBER: B15.050.001

<u>OUTAGE NUMBER</u>	<u>EXAMINATION DATE</u>	<u>STATUS:</u>	<u>RESULTS</u>
EOC # 16	12/07/95	CLEAR	COMPLETE
EOC # 17	/ /	N/A	NOT TESTED
EOC # 18	/ /	N/A	NOT TESTED
EOC # 19	/ /	N/A	NOT TESTED
EOC # 20	/ /	N/A	NOT REQUIRED
EOC # 21	/ /	N/A	NOT TESTED

B. Items examined by Pressure Testing

Item Number	=	ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2)
Drawing Number	=	Number of the Flow Diagram
Revision	=	Revision of the Flow Diagram
Test	=	Type of Pressure Test
Comp	=	Vessel, Piping or Pump
Comp Name	=	Example: Reactor Vessel, etc.; for piping - System designation will be used
Req. Insp.	=	Type inspection performed, i.e., VT2
Req. Proc	=	Required inspection procedure
Comments	=	General and/or Detail Description

CATEGORY.

**DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System**

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

**Plan Report
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ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DI/THK	CAL BLOCKS	COMMENTS
G12.001.001	1-51B-10-10HC	1-51B-10	NDE-35	PT	SS		4.000	
	Circumferential	OFD-101A-1.1					0.120	
Class B	Term end							Elbow to Nozzle 1B RC Seal Cooler Inlet
G12.001.019	1-51B-7-34F	1-51B-7	NDE-35	PT	SS		2.500	
	Circumferential	OFD-109A-1.1					0.120	
Class B								Pipe to Valve 2HP13
Total G12.001 Items:		2						
Total Category Items:		2						

CATEGORY AUG, Augmented Inspections

DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System

Oconee 1

Inservice Inspection Plan for Interval 3 Outage 1

Plan Report
Page 79
02/07/96

Circumferential Pipe Welds With A Nom. Wall

Thk. < 3/8" and > NPS 4"

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

Total Category AUG Items: 8

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 5-30-95

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 # 95030867-01
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 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	Bolting	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	Bolting	GENERAL NUCLEAR	N/A	N/A	N/A	1992	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	MYI	N/A	N/A	N/A	1991	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
D	CRDM DRIVE	DIAMOND POWER	# 27	N/A	PART # 703255-1058	N/A	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
E	CRDM DRIVE	B+W *	# 106	N/A	PART # 703255-1058	1995	<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 bolting and drive CRDM nozzle #7

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

Pressure 2201 psig

Test Temp. 532 °F

Pressure _____ psig

Test Temp. _____ °F

Pressure _____ psig

Test Temp. _____ °F

9. Remarks *CRDM DRIVE WAS Refurbished by B+W

(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 CR Hansen QC Specialist Date 5-30, 19 95
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 NC and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.

M. J. Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 5-31, 19 95

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 5-24-95

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

Sheet 1 of 1

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

3a. Work Order # 95034253-01
 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 MS Class B

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, NO 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	Bolting	Texas Bolt	N/A	N/A	Heat # S095	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	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
C	Bolting	A + G Manufacturing	N/A	N/A	Heat # NAG	N/A	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
D	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
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 Body to Bonnet bolting on valve 1MS-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 _____

(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 Pat Hooper OC Specialist Date 5-24, 1995
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 of Providence of N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-24-95; 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.

M.B. Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 5-24, 1995

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 5-30-95

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

Sheet 1 of 1

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

3a. Work Order # 95034262-01
 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 RC Class 1

5. (a) Applicable Construction Code B31-7 1968 Edition, 6-68 Addenda, NO 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	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	Bolting	MVI	N/A	N/A	N/A	1991	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	GENERAL NUCLEAR	N/A	N/A	N/A	1992	<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 Replaced bolting CRDM NOZZLE # 21

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

Pressure 2201 psig

Test Temp. 532 °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 C.R. Hansen QC SPECIALIST Date 5-30, 19 95
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 N. C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.

M.S. Chapman
Inspector's Signature

Commissions NC914

National Board, State, Providence and Endorsements

Date 5-30, 1995

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 5-30-95

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

Sheet 1 of 1

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

3a. Work Order # 95030848-01
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 1968 Edition, 8-68 Addenda, NO 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	Bolting	N/A	n/a	n/a	n/a	n/a	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
B	Bolting	MVI	n/a	n/a	n/a	1991	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	GENERAL NUCLEAR	n/a	n/a	n/a	1992	<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 Replaced bolting CRDM nozzle # 2

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

Pressure 2201 psig

Test Temp. 532 °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 C.R. Hansen QC SPECIALIST Date 5-30, 19 95
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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.

M.B. Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 5-30, 19 95

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 5-30-95

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 # 95034258-01
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 19 68 Edition, 6-68 Addenda, NO 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	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	Bolting	General Nuclear	n/a	n/a	n/a	1992	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	B+W	n/a	n/a	n/a	1980	<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 Replaced bolting CRDM nozzle #29

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

Pressure 2155 psig CRH 530-95 Test Temp. 600 °F CRH 5-30-95
 Pressure 2201 psig Test Temp. 532 °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 CR Hanson QC SPECIALIST Date 5-30, 19 95
 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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.

M.B. Chapman
 Inspector's Signature

Commissions NC914

National Board, State, Providence and Endorsements

Date 5-30, 19 95

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 5-30-95

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 # 95034260-01
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 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	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	Bolting	GENERAL NUCLEAR	n/a	n/a	n/a	1992	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	B&W	n/a	n/a	n/a	1975	<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 Replaced bolting CRDM NO33K #28

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

Pressure 2201 psig

Test Temp. 532 °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 CR Hanson QC SPECIALIST
Owner or Owner's Designee, Title

Date 5-30, 19 95

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.B. Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 5-31, 19 95

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 5-30-95

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 # 95030836-01
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, NO 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	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	Bolting	GENERAL NUCLEAR	n/a	n/a	n/a	1992	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	MVI	n/a	n/a	n/a	1991	<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 Replaced bolting CRDM nozzle # 69

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

Pressure 2201 psig

Test Temp. 532 °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 CR Hansen QC Specialist Date 5-30, 19 95
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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.

M. B. Chapman
Inspector's Signature

Commissions NC 914
National Board, State, Providence and Endorsements

Date 5-31, 19 95

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 5-30-95

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

Sheet 1 of 1

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

3a. Work Order # 95034255-01
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, NO 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>Bolting</u>	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B	<u>Bolting</u>	<u>GENERAL NUCLEAR</u>	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>	<u>1992</u>	<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 Replaced Bolting CRDM nozzle #13

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

Pressure 2201 psig

Test Temp. 532 °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 C.R. Hansen QC SPECIALIST Date 5-30, 19 95
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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.

M.B. Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 5-31, 19 95

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 5-30-95

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 # 95030847-01
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, NO 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	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	Bolting	General NUCLEAR	N/A	N/A	N/A	1992	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	MVI	N/A	N/A	N/A	1991	<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 Replaced bolting CRDM nozzle 45

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

Pressure 2201 psig

Test Temp. 532 °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 C.R. Henson QC Specialist Date 5-30, 19 95
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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.

M.B. Chapman
Inspector's Signature

Commissions N.C. 914
National Board, State, Providence and Endorsements

Date 5-31, 1995

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 6-12-95

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

Sheet 1 of 1

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

3a. Work Order # 94086683-01
 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 HP Class 2

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 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	Stem/Plug Assembly	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	Stem/Plug Assembly	Fisher Controls Co.	N/A	N/A	Part # 14A3722X182	N/A	<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 Replaced Stem/Plug assembly in Valve 1HP-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 _____

(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 *Atch* *QC Specialist* Date 6-12, 1995
 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 NC and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 6-16-95; 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.

MIS Chapman Commissions *NC 914*
 Inspector's Signature National Board, State, Providence and Endorsements

Date 6-16, 1995

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 5-30-95

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 # 95031013-01
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, no 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	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	Bolting	MVI	n/a	n/a	n/a	1991	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	GENERAL NUCLEAR	n/a	n/a	n/a	1992	<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 Replaced bolting CRDM NOZZLE #16

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

Pressure 2201 psig

Test Temp. 532 °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 CR Hanson QC SPECIALIST Date 5-30, 19 95
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 of Providence of N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 4-29-95 to 5-30-95; 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.B. Chapman
Inspector's Signature

Commissions NC914

National Board, State, Providence and Endorsements

Date 6-1, 19 95

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

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

1a. Date 11-30-95

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

Sheet 1 of 1

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

3a. Work Order # 95023297
 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 # OE-7301

4. Identification of System RC Class A

5. (a) Applicable Construction Code ASME III 19 67 Edition, Summer Addenda, 1332-2, 1332-3, 1332-4 Code Cases
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 1332-1, 1336, 1359-1, 1338-3 2/1/1

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	OTSG-B	B+W	620-0003-55-2	N-104	N/A	1969	<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 and Stabilized tubes 1 B OTSG

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 C.R. Hanson
Owner or Owner's Designee, Title

Date 12-2, 19 95

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-4-95 to 12-2-95; 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.

M.B. Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 12-2, 19 95

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

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

1a. Date 11-30-95

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

Sheet 1 of 1

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

3a. Work Order # 95023293
 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 # OE-7300

4. Identification of System RC Class A

5. (a) Applicable Construction Code ASME III 19 67 Edition, Summer Addenda, 1332-2, 1332-3, 1332-4, 1339-1 Code Cases
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda 1336, 1359-1, 1338-3 add 1

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	1A OTSG	B+W	620-0003-551	N-103	N/A	1969	<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, stabilized tubes 1A OTSG

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 C.R. Benson
 Owner or Owner's Designee, Title

Date 12-2, 19 95

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-4-95 to 12-2-95; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.B. Chapman
 Inspector's Signature

Commissions N.C. 914
 National Board, State, Providence and Endorsements

Date 12-2, 19 95

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

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

1a. Date 11-30-95

Sheet 1 of 21

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 # 95024419
 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 # OE-744

4. Identification of System LP Class 2

5. (a) Applicable Construction Code ASME B31.7 1968 Edition, 6/68 Addenda, NO 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	VLV. 1 BS-5	CHAPMAN	01027-1-02-2 NA			NA	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B	PIPING	DPC	NA	NA		7/93	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	Texas Bolt	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
D	Bolting	A+G Eng.	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
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 DELETED VLV. 1BS-5 FROM SYS. & REPLACED WITH PIPE & FLANGES.
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 PERFORMED SYS. LEAKAGE TEST AT SYS. TEMP. AND PRESSURE AND NDE PER ASME CODE CASE N-416-1 IN LIEU OF HYDRO.

(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/ACertificate of Authorization No. N/AExpiration Date N/ASigned [Signature]
Owner or Owner's Designee, TitleDate 12-6, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-14-95 to 12-6-95; 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 NC914
National Board, State, Providence and Endorsements

Date 12-6, 1995

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 12-1-95

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

Sheet 1 of 1

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

3a. Work Order # 95077012
 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 # OE-8550

4. Identification of System HP Class 2

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, NO 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	VALVE 1HP-427	BLN	955051-1-2	N/A	N/A	1995	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B	VALVE 1HP-427	BURG WARNER	unavailable	u/a	VALVE WAS 1" NPS	u/a	<input type="checkbox"/> Repaired <input checked="" 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 valve LHP-427 with item no. DMV-1042

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 PERFORMED SYS. LEAKAGE TEST AT SYS Temp and pressure and NDE PER ASME CODE CASE N-416-1 IN LIEU OF hydro

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed J. S. Mason

Date 12-7, 1995

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 of Providence of N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-8-95 to 12-7-95; 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.

M.B. Chapman
Inspector's Signature

Commissions NC914

National Board, State, Providence and Endorsements

Date 12-7, 1995

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

As Required By The Provisions Of The ASME Code Section XI

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

1a. Date **11-30-95**

Sheet **1** of **2**

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 # **95024518**
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 # **OE 7412**

4. Identification of System **LP** Class **2**

5. (a) Applicable Construction Code **ASME B31.7** 19 **68** Edition, **6/68** Addenda, **NO** 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	VLV. IBS-6	CRANE	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	PIPING	DPL	N/A	N/A		7/73	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C	Bolting	TEXAS BOLT	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
D	Bolting	A+G ENGINEERING	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
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 MADE A CONFIGURATION CHANGE TO EXISTING SUPPORT BY (SEE REMARKS) SE

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 DELETING U-BOLT AND SADDLE AND INSTALLED NEW SUPPORT ROD.

(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 W. McClure Date 11/30, 19 95
 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 of Providence of N.C. and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 11-12-95 to 12-6-95; 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. McClure
 Inspector's Signature

Commissions NC914
 National Board, State, Providence and Endorsements

Date 12-6, 1995

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

As Required By The Provisions Of The ASME Code Section XI

1a. Date 12-1-95Sheet 1 of 2

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

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

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

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

3a. Work Order # 95038518
Repair Organization Job # _____

3b. NSM or MM # 8061

4. Identification of System MS Class 2

5. (a) Applicable Construction Code B31.1 1967 Edition, 7-67 Addenda, NO 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	MECHANICAL Snubber ON S/R 1-01A-0-550-DE005	PACIFIC SCIENTIFIC	6576	N/A	DE005 (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	HYDRAULIC Snubber ON S/R 1-01A-0-550-DE005	LISEGA	61314-62	N/A	DE005 (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
C	MECHANICAL Snubber ON S/R 1-01A-0-550-DE005	PACIFIC SCIENTIFIC	3679	N/A	DE005 (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
D	HYDRAULIC Snubber ON S/R 1-01A-0-550-DE005	LISEGA	61314-61	N/A	DE005 (B)	N/A	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
E	MECHANICAL Snubber ON S/R 1-01A-0-550-DE005	PACIFIC SCIENTIFIC	6596	N/A	DE005 (C)	N/A	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
F	HYDRAULIC Snubber ON S/R 1-01A-0-550-DE005	LISEGA	61314-63	N/A	DE005 (C)	N/A	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" 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 (4) existing PS snubbers with New Liscga Snubbers x

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 Performed functional test per MP161A/3018/009A

(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 C.R. Hansen
Owner or Owner's Designee, Title

Date 12-1, 19 95

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-31-95 to 12-1-95; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J.B. Chapman
Inspector's Signature

Commissions N.C. 914
National Board, State, Providence and Endorsements

Date 12-1, 19 95

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

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

1a. Date 11/30/95

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

Sheet 1 of 1

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

3a. Work Order # 95038508-01
 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 # 8056

4. Identification of System MS Class B

5. (a) Applicable Construction Code B31.1 1967 Edition, 7 Addenda, _____ 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	MECHANICAL SNUBBER ON S/R 1-01A-0-441-DE001	PACIFIC SCIENTIFIC	4648	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	HYDRAULIC SNUBBER ON S/R 1-01A-0-441-DE001	LISEGA	61306-58	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
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 EXISTING PACIFIC SCIENTIFIC SNUBBER WITH NEW LISEGA SNUBBER

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 PERFORMED FUNCTIONAL TEST PER M/P/O/A/3018/009A

(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 Wm C. Clue
Owner or Owner's Designee, Title

Date 11/30, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-21-95 to 12-1-95; 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.

WKS Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 12-1, 1995

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

As Required By The Provisions Of The ASME Code Section XI

1a. Date 12-1-95Sheet 1 of 2

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

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 # 95038521-01
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. ~~NBM~~ or MM # 8062

4. Identification of System MS Class B

5. (a) Applicable Construction Code B31.1 19 67 Edition, 7-67 Addenda, NO 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>Mechanical Snubber on S/R</u> <u>1-01A-0-550-DE006</u>	<u>PACIFIC SCIENTIFIC</u>	<u>6593</u>	<u>N/A</u>	<u>DE006 (A)</u>	<u>N/A</u>	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B <u>Hydraulic Snubber on S/R</u> <u>1-01A-0-550-DE006</u>	<u>LISEGA</u>	<u>61297-02</u>	<u>N/A</u>	<u>DE006 (A)</u>	<u>N/A</u>	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
C <u>Mechanical Snubber on S/R</u> <u>1-01A-0-550-DE006</u>	<u>PACIFIC SCIENTIFIC</u>	<u>61297-3909</u>	<u>N/A</u>	<u>DE006 (B)</u>		<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
D <u>Hydraulic Snubber on S/R</u> <u>1-01A-0-550-DE006</u>	<u>LISEGA</u>	<u>61297-03</u>	<u>N/A</u>	<u>DE006 (B)</u>		<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
E <u>Mechanical Snubber on S/R</u> <u>1-01A-0-550-DE006</u>	<u>PACIFIC SCIENTIFIC</u>	<u>6199</u>	<u>N/A</u>	<u>DE006 (C)</u>		<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
F <u>Hydraulic Snubber on S/R</u> <u>1-01A-0-550-DE006</u>	<u>LISEGA</u>	<u>61290-51</u>	<u>N/A</u>	<u>DE006 (C)</u>		<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" 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 (4) existing PS Smubbers with New LiseGA Smubbers ;

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 PERFORMED Functional Test PER MP/0/A/3018/009A

(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 CR Hanson
Owner or Owner's Designee, Title

Date 12-1, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-21-95 to 12-1-95; 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.

MB Chapman
Inspector's Signature

Commissions NC914
National Board, State, Providence and Endorsements

Date 12-1, 1995

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

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

1a. Date 1-15-96

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

Sheet 1 of 1

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

3a. Work Order # 95086652
 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 # 8555

4. Identification of System 51A Class B

5. (a) Applicable Construction Code ANSI B31.7 1968 Edition, 6/68 Addenda, _____ 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	1A LETDOWN COOLER	GRAHAM MFG. CO.	34097-1	*		*	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B	1A LETDOWN COOLER	GRAHAM MFG. CO.	95-18792-1	23288		1995	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input type="checkbox"/> Yes
C		* INFORMATION NOT LEGIBLE					<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 1A LETDOWN COOLER.

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 PERFORMED SYS. LEAKAGE TEST AT SYS. TEMP.
& PRESSURE & NDE PER ASME CODE CASE
N-416-1 IN LIEU OF HYDRO.

(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

Date 1-15, 19 96

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-14-95 to 1-15-96; 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.

M. B. Chapman
Inspector's Signature

Commissions

NC914
National Board, State, Providence and Endorsements

Date 1-15, 19 96

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

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

1a. Date 11-30-95

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 # 95071686-07
 Repair Organization Job # _____

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

3b. NSM or MM # NA

4. Identification of System LP Class 2

5. (a) Applicable Construction Code ANSI B31.7 1968 Edition, 6/68 Addenda, _____ 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>PIPE</u>	<u>DPC</u>	<u>NA</u>	<u>NA</u>		<u>7/73</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 MADE WELD REPAIR TO WELD 1-LP-4-36 DUE TO BEING REJECTED ON RT.

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 PERFORMED SYS. LEAKAGE TEST AT SYS. TEMP. AND PRESSURE & NDE PER CODE CASE N416-1 OF ASME IN LIEU OF HYDRO.

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed B. Z. Dubaugh

Date 1-4, 1996

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-11-95 to 1-4-96; 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. B. Chapman
Inspector's Signature

Commissions N.C. 914

National Board, State, Providence and Endorsements

Date 1-4, 1996

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 12-11-95

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

Sheet 1 of 1

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

3a. Work Order # 95061776
 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 RC Class I

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, _____ 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	Valve	Dresser	BL08895	N/A		N/A	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B	Valve	Dresser	BT04975	N/A		1979	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" 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 valve IRC-68

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

Pressure 2200 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 CS Mason

Date 1-3, 1996

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-26-95 to 1-4-96; 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.

MB Chapman
Inspector's Signature

Commissions NC914

National Board, State, Providence and Endorsements

Date 1-4, 1996

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 12-11-95

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

Sheet 1 of 1

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

3a. Work Order # 95061774
 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 RC Class 1

5. (a) Applicable Construction Code B31.7 1968 Edition, 6-68 Addenda, _____ 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	Valve	Dresser	BL-8891	N/A		1970	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B	Valve	Dresser	BL 8889	N/A		N/A	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" 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 valve IRC-67

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

Pressure 2200 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 JS Mason Date 1-3, 1996
 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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-24-95 to 1-4-96; 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.

JS Mason
 Inspector's Signature

Commissions NC914
 National Board, State, Providence and Endorsements

Date 1-4, 1996

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

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

1a. Date 11-29-95

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 # 95059750-06
 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 FDW Class 2

5. (a) Applicable Construction Code B31.1 19 67 Edition, 7-67 Addenda, NO 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	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	Bolting	A+G Engineering	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
C	Bolting	TEXAS Bolt	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
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 bolting MAIN Feedwater Nozzle AO16

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 Charles R. Henson QA Specialist
Owner or Owner's Designee, Title

Date 11-29, 19 95

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-11-95 to 11-29-95; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. B. Chapman
Inspector's Signature

Commissions N.C. 914

National Board, State, Providence and Endorsements

Date 11-29, 19 95

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

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

1a. Date 9/12/95

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

Sheet 1 of 1

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

3a. Work Order # 95054810-01
 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 OIA (ms) Class B

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	SNUBBER ON HANGER 1-OIA-1-1-0- 4OIA-H44	ITT GRINNELL	32920	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	SNUBBER ON HANGER 1-OIA-1-1-0- 4OIA-H44	ITT GRINNELL	10368	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
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 REMOVED/REPLACED SNUBBER WITH NEW SNUBBER S/N 10368 S/N 32920

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 PERFORMED FUNCTIONAL VERIFICATION PER MP6/A/3018/009A

(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 _____

Wm C. Clave
Owner or Owner's Designee, Title

Date 9/12, 19 95

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 8-14-95 to 9-12-95; 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.

MB Chapman
Inspector's Signature

Commissions _____

NC 914

National Board, State, Providence and Endorsements

Date 9-12, 19 95

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

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

1a. Date 9/12/95

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

Sheet 1 of 1

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

3a. Work Order # 95054809-01
 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 OIA Class B

5. (a) Applicable Construction Code ANSI B31-81^{wpm} 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	SNUBBER ON HANGER 1-OIA-3-0-401A-R5	ITT GRINNELL	18601	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	SNUBBER ON HANGER 1-OIA-3-0-401A-R5	ITT GRINNELL	30223	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
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 SN 30223
REMOVED/REPLACED EXISTING SNUBBER WITH SNUBBER S/N# 18601

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 PERFORMED FUNCTIONAL TEST PER MP/0/A/3018/009A.

(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 _____

W. McClure
Owner or Owner's Designee, Title

Date 9/12, 1995

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 NC and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 8-14-95 to 9-12-95; 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. B. Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 9-12, 1995

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

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

1a. Date 11/30/85

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 # 95038522-01
 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 # 8063

4. Identification of System MS Class B

5. (a) Applicable Construction Code B31.1 1967 Edition, 7 Addenda, ✓ 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	MECHANICAL SNUBBER ON S/R 1-01A-D-550-RT	PACIFIC SCIENTIFIC	5701	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	MECHANICAL SNUBBER ON S/R 1-01A-D-550-RT	LISEGA	61316-72	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
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 EXISTING PACIFIC SCIENTIFIC SNUBBER WITH NEW LISEGA SNUBBER.

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 PERFORMED FUNCTIONAL TEST PER MP/O/A/3018/009A

(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/ACertificate of Authorization No. N/AExpiration Date N/A

Signed _____

W. McClure
Owner or Owner's Designee, Title

Date

11/30, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-21-95 to 12-1-95; 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.

M.B. Chapman
Inspector's Signature

Commissions

NC914

National Board, State, Providence and Endorsements

Date 12-1, 1995

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

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

1a. Date 11/30/95

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

Sheet 1 of 1

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

3a. Work Order # 95038516-01
 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 # 8058

4. Identification of System MS Class B

5. (a) Applicable Construction Code B31.1 19 67 Edition, 7 Addenda, _____ 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	MECHANICAL SNUBBER ON S/R 1-01A-0-441-DE002	PACIFIC SCIENTIFIC	25185	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	HYDRAULIC SNUBBER ON S/R 1-01A-0-441-DE002	LISEGA	61306-57	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
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 EXISTING PACIFIC SCIENTIFIC SNUBBER WITH NEW LISEGA SNUBBER
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 PERFORMED FUNCTIONAL TEST PER MP/O/A/3018/009A

(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 W. McClure
Owner or Owner's Designee, Title

Date 11/30, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-21-95 to 12-1-95; 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.B. Chapman
Inspector's Signature

Commissions NC 914
National Board, State, Providence and Endorsements

Date 12-1, 1995

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

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

1a. Date 11-30-95

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

Sheet 1 of 1

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

3a. Work Order # 95028305
 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 # OE-7322

4. Identification of System HP Class 2

5. (a) Applicable Construction Code ANSI B31.7 1968 Edition, 6/68 Addenda, NO 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	VLV. 1-HP-27	ROCKWELL	N/A	NA		NA	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
B	1-HP-27	CONTROL COMPONENTS INC.	658951-1.3	NA		1995	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
C	PIPING	DPC	NA	NA		7/73	<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

REPLACED VLV. 1 HP-27 W/ITEM NO. DMV-1022

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

PERFORMED SVS. LEAKAGE TEST AT TEMP.
+ PRESSURE AND NDE PER ASME CODE CASE
N416-1 IN LIEU OF HYDRO.

(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

*E. S. Mason*Date 12-13, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-7-95 to 1-4-96; 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.

MS Chapman
Inspector's Signature

Commissions

NC914

National Board, State, Providence and Endorsements

Date 1-4, 1996

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

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

1a. Date 11-22-95

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

Sheet 1 of 1

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

3a. Work Order # 9502B303-01
 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 # 05-7321

4. Identification of System HP Class 2

5. (a) Applicable Construction Code ANSI B31.7 1968 Edition, 6/68 Addenda, NO 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	VLV. 1-HP-26	CONTROL COMP.	658951-1-4	1513		1995	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B	VLV. 1-HP-26	ROCKWELL	K3628JM	-		-	<input type="checkbox"/> Repaired <input checked="" 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 Replaced valve 1 HP-26

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 Tested per ASME Code Case N-416-1

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed W. Mason

Date 12-13, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-7-95 to 1-2-96; 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. B. Chapman
Inspector's Signature

Commissions NC 914

National Board, State, Providence and Endorsements

Date 1-2, 1996

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

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

1a. Date 11-22-95

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 # 95028302-01
 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 # OE-7329

4. Identification of System HP Class 2

5. (a) Applicable Construction Code ANSI B31.7 1968 Edition, 6/68 Addenda, NO 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	VLV. 1-HP-410	CONTROL COMP.	SN658951-2-4	NA		1995	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B	VLV. 1-HP-410	WESTINGHOUSE	04002GM88FNE 0D000W75000Z	W18311		1978	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" 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 VLV. 1HP-410 W/ITEM No. DMV-1023

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

PERFORMED SYS. LEAKAGE TEST AT SYS. TEMP.
AND PRESSURE AND NDE PER ASME CODE
CASE N-416-1 IN LIEU OF HYDRO.

(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/ACertificate of Authorization No. N/AExpiration Date N/A

Signed

Q. S. Mason

Date 12-13, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-7-95 to 1-2-96; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

J. B. Chapman
 Inspector's Signature

Commissions

N.C. 914

National Board, State, Providence and Endorsements

Date 1-2, 1996

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

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

1a. Date 11-30-95

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

Sheet 1 of 1

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

3a. Work Order # 95028299
 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 # OE-7328

4. Identification of System HP Class Z

5. (a) Applicable Construction Code ANSI B31.7 1968 Edition, 6/68 Addenda, NO 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	VLV. 1 HP-409	WESTINGHOUSE	0400ZGM8BFNE 0D000W750001	NA		NA	<input type="checkbox"/> Repaired <input checked="" type="checkbox"/> Replaced <input type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
B	VLV. 1 HP-409	CONTROL COMPONENTS INC.	658951-2-3	NA		1995	<input type="checkbox"/> Repaired <input type="checkbox"/> Replaced <input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> No <input checked="" 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 VLV. 1 HP-409 WITH A ITEM NO. DMV-1023

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

PERFORMED SYS. LEAKAGE TEST AT SYS. TEMP. AND
PRESSURE AND NDE PER ASME CODE CASE
N-416-1 IN LIEU OF HYDRO.

(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/ACertificate of Authorization No. N/AExpiration Date N/A

Signed

OS Mason

Date 12-13, 1995

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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-7-95 to 1-2-96; 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.B. Chapman
 Inspector's Signature

Commissions

N.C. 914

National Board, State, Providence and Endorsements

Date 1-2, 1996

10.0 Class 1 and 2 Repairs and Replacements

As required by ASME Section XI 1989 Edition, no Addenda, a record (Form NIS-2) of the Class 1 and Class 2 Repairs and Replacements for work performed from July 13, 1994 through December 10, 1995 is provided and is included in this section of the report. The individual work request documents are on file at Oconee Nuclear Station.

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 12-11-95

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

Sheet 1 of 1

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

3a. Work Order # 95048044-01
 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 RC Class A

5. (a) Applicable Construction Code B31.7 19 68 Edition, 6-68 Addenda, NO 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	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	Bolting	GENERAL NUCLEAR	1668, 1614, 1718 1602, 1725, 1666, 1935, 1665	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
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 bolting CRDM nozzle # 47

8. Test Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☒ Exempt ASME 12-96
 Pressure 2205 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 CR Hanson QA Specialist Date 12-11, 19 95
 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 N.C. and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 11-6-95 to 12-11-95; 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. Chapman
 Inspector's Signature

Commissions NC914

National Board, State, Providence and Endorsements

Date 12-11, 19 95