INSERVICE INSPECTION REPORT

UNIT 3 OCONEE 1995 REFUELING OUTAGE 15

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

NRC Docket No. 50-287

Commercial Service Date: December 16, 1974

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

Revision 0

Prepared By: R H Rouse Date 10/9/95

Reviewed By: Larry C. Keith Date 10-9-95

Approved By: J. O. Barbour Date 10/9/95

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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, 526 South 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:** 3 4. **Owner Certificate of Authorization (if required)** N/A

5. **Commercial Service Date:** December 16, 1974 6. **National Board Number for Unit** N/A

7. **Components Inspected:**

Component or Appurentance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Providence No.	National Board No.
See Section 1 Paragraph 1.1 in the Attached Report				

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is $8^1/_2$ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (back)

8. **Examination Dates** 2/24/94 to 7/17/95 9. **Inspection Interval from** 12/16/94 to 12/16/2004

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 10/9 **19** 95 **Signed** Duke Power Co. **By** J.O. 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, Cn. **have inspected the components described in this Owners Data Report during the period** 2-24-94 **to** 7-17-95 **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 10 - 10 **19** 95

MB Chapman **Commissions** NC914

Inspector's Signature **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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1.0 General Information

This report describes the Inservice Inspection of Duke Power Company's Oconee Nuclear Station, Unit 3, during the 1995 Refueling Outage (also referred to as Outage 15). Outage 15 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 February 24, 1994.

1.1 Identification Numbers

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Babcock & Wilcox	620-0009-51-52	N/A	N-125
Steam Generator A	Babcock & Wilcox	620-0009-55-1	N/A	N-127
Steam Generator B	Babcock & Wilcox	620-0009-55	N/A	N-128
Pressurizer	Babcock & Wilcox	620-0009-59	N/A	N-126

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 15

The information shown below provides an abstract of ASME Section XI Class 1, Class 2, and Augmented Items scheduled and examined during Outage 15 at Oconee Nuclear Station Unit 3.

2.1 Class 1 Inspection

Examination Category B-A Pressure Retaining Welds in Reactor Vessel

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
B01.010	***Shell Welds***		
B01.011	Circumferential	0	0
B01.012	Longitudinal	NA	NA
B01.020	***Head Welds***		
B01.021	Circumferential	1	1
B01.022	Meridional Welds	NA	NA
B01.030	***Shell to Flange Welds***	1	1
B01.040	***Head to Flange Welds***	1	1
B01.050	***Repair Welds***		
B01.051	Beltline Region	N/A	N/A
TOTALS		3	3

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

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pressurizer		
B02.010	***Shell to Head Welds***		
B02.011	Circumferential	0	0
B02.012	Longitudinal	0	0
B02.020	***Head Welds***		
B02.021	Circumferential	NA	NA
B02.022	Meridional Welds	NA	NA
	Steam Generator		
B02.030	***Head Welds***		
B02.031	Circumferential	0	0
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	NA	NA
B02.052	Meridional	NA	NA
B02.060	Tubesheet to Head Welds	0	0
B02.070	Longitudinal Welds	NA	NA
B02.080	Tubesheet-To-Shell Welds	NA	NA
TOTALS		0	0

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

Item Number	*Description*	*Total Scheduled During Outage*	*Total Examined During Outage*
	Reactor Vessel		
B03.090	Nozzle-To-Vessel Welds	2	2
B03.100	Nozzle Inside Radius Section	2	2
	Pressurizer		
B03.110	Nozzle-To-Vessel Welds	0	0
B03.120	Nozzle Inside Radius Section	0	0
	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		8	8

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

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
B04.010	***Partial Penetration Welds***		
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

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	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	0	0
B05.060	Nozzle-To-Safe End Socket Welds	NA	NA

Examination Category B-F (Continued)

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	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	2	2
B05.140	Nominal Pipe Size Less Than 4" Dissimilar Metal Butt Welds	1	1
B05.150	Dissimilar Metal Socket Welds	NA	NA
TOTALS		3	3

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

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Reactor Vessel		
B06.010	Closure Head Nuts	15	15
B06.020	Closure Studs (in place)	NA	NA
B06.030	Closure Studs, (when removed)	15	15
B06.040	Threads in Flange	2	2
B06.050	Closure Washers, Bushings	1	1
	Pressurizer		
B06.060	Bolts and Studs	0	0
B06.070	Flange Surface (when connection disassembled)	1	Connection not disassembled
B06.080	Nuts , Bushings and Washers	0	0
	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
B06.130	Flange Surface (when connection disassembled)	NA	NA
B06.140	Nuts , Bushings and Washers	NA	NA
	Piping		
B06.150	Bolts and Studs	NA	NA
B06.160	Flange Surface (when connection disassembled)	NA	NA

Examination Category B-G-1 (Continued)

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
B06.170	Nuts , Bushings and Washers	NA	NA
	Pumps		
B06.180	Bolts and Studs	1	1
B06.190	Flange Surface (when connection disassembled)	4	Connection not disassembled
B06.200	Nuts , Bushings and Washers	1	1
	Valves		
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		40	35

Examination Category B-G-2 Pressure Retaining Bolting, 2" and Less in Diameter

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	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	1	1

Examination Category B-G-2 (Continued)

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Heat Exchangers		
B07.040	Bolts, Studs, and Nuts	NA	NA
	Piping		
B07.050	Bolts, Studs, and Nuts	0	0
	Pumps		
B07.060	Bolts, Studs, and Nuts	NA	NA
	Valves		
B07.070	Bolts, Studs, and Nuts	0	0
	CRD Housings		
B07.080	Bolts, Studs, and Nuts In CRD Housing When Disassembled	0	0
TOTALS		1	1

Examination Category B-H Integral Attachments for Vessels

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	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

Examination Category B-H (Continued)

	Heat Exchangers		
B08.040	Integrally Welded Attachments	NA	NA
TOTALS		NA	NA

Examination Category B-J Pressure Retaining Welds in Piping

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
B09.010	Nominal Pipe Size 4" or Larger		
B09.011	Circumferential Welds	9	9
B09.012	Longitudinal Welds[1]	8	8
B09.020	Nominal Pipe Size Less Than 4"		
B09.021	Circumferential Welds	12	12
B09.022	Longitudinal Welds	NA	NA
B09.030	Branch Pipe Connection Welds		
B09.031	Nominal Pipe Size or Larger 4"	0	0
B09.032	Nominal Pipe Size Less Than 4"	2	2
B09.040	Socket Welds	1	1
TOTALS		32	32

[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-K-1 Integral Attachments for Piping, Pumps and Valves

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

Examination Category B-L-1, B-M-1 Pressure Retaining Welds in Pump Casings and Valve Bodies

B-L-2, B-M-2 Pump Casings and Valve Bodies

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pumps		
B12.010	Pump Casing Welds (B-L-1)	4	Ref. Request for Relief ONS-008
B12.020	Pump Casing (B-L-2) (when disassembled for Maintenance, Repair or Volumetric Examination)	4	Connection not disassembled
B12.030	Valves, Nominal Pipe Size <4" Valve Body Welds (B-M-1)	NA	NA

Examination Category B-L-1, B-M-1, B-L-2, B-M-2 (Continued)

B12.040	Valves, Nominal Pipe Size ≥4" Valve Body Welds (B-M-1)	NA	NA
B12.050	Valve Body, Exceeding 4" Nominal Pipe Size (B-M-2)	8	4 (Four of the valves were not disassembled)
TOTALS		16	4

Examination Category B-N-1 Interior of Reactor Vessel
B-N-2 Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels
B-N-3 Removable Core Support Structures

Item Number	*Description*	*Total Scheduled During Outage*	*Total Examined During Outage*
	Reactor Vessel		
B13.010	Vessel Interior (B-N-1)	0	0
	Reactor Vessel (BWR)		
B13.050	Interior Attachments Within The Beltline Region (B-N-2)	NA	NA
B13.060	Interior Attachments Beyond The Beltline Region (B-N-2)	NA	NA
	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

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Reactor Vessel		
B14.010	Welds in CRD Housing	1	.75 (developing ET technique for surface exam.)
TOTALS		1	.75

Examination Category B-P All Pressure Retaining Components

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	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
	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		

Examination Category B-P (Continued)

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
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

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
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

F1.1 Component Supports

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
F1.010	Class 1 Piping Supports Reference Section 4.0 of this report	3	3
F1.040	Class 1 Supports Other Than Piping Reference Section 4.0 of this report	2	2
F1.050	Class 1 Snubbers	106	106
TOTALS		111	111

[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

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
C01.010	Shell Circumferential Welds	2	2
C01.020	Head Circumferential Welds	0	0
C01.030	Tubesheet to Shell Weld	0	0
TOTALS		2	2

Examination Category C-B Pressure Retaining Nozzle Welds in Vessels

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
C02.010	Nozzles in Vessels $\leq 1/2$" Nominal Thickness		
C02.011	Nozzle-to-Shell (or Head) Weld	0	0

Examination Category C-B (Continued)

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
C02.020	Nozzles Without Reinforcing Plate In Vessels > 1/2" Nominal Thickness		
C02.021	Nozzle-to-Shell (or Head) Weld	2	2
C02.022	Nozzle Inside Radius Section	2	2
C02.030	Nozzles With Reinforcing Plate in Vessels > 1/2" Nominal Thickness		
C02.031	Reinforcing Plate Welds to Nozzle and Vessel	0	0
C02.032	Nozzle-to-Shell (or Head) Welds When Inside of Vessel Is Accessible	0	0
C02.033	Nozzle-to-Shell (or Head) Welds When Inside of Vessel is Inaccessible	0	0
TOTALS		4	4

Examination Category C-C Pressure Retaining Nozzle Welds in Vessels

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pressure Vessels		
C03.010	Integrally Welded Attachments	0	0
	Piping		
C03.020	Integrally Welded Attachments	2	2

Examination Category C-C (Continued)

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pumps		
C03.030	Integrally Welded Attachments	0	0
	Valves		
C03.040	Integrally Welded Attachments	NA	NA
TOTALS		2	2

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

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	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		NA	NA

Examination Category C-F Pressure Retaining Welds in Piping

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
C05.010	Piping Welds ≤ 3/8" Nominal Wall Thickness for Piping > NPS 4		
C05.011	Circumferential Weld	3	3
C05.012	Longitudinal Welds [3]	NA	NA
C05.020	Piping Welds > 1/5" Nominal Wall Thickness for Piping ≥ NPS 2 and ≤ NPS 4		
C05.021	Circumferential Welds	11	11
C05.022	Longitudinal Welds	NA	NA
C05.030	Socket Welds	1	1
C05.040	Pipe Branch Connections of Branch Piping ≥ NPS 2		
C05.041	Circumferential Weld	0	0
C05.042	Longitudinal Weld	NA	NA
C05.050	Piping Welds ≥ 3/8" Nominal Wall Thickness for Piping > NPS 4		
C05.051	Circumferential Weld	6	6
C05.052	Longitudinal Weld	0	0
C05.060	Piping Welds > 1/5" Nominal Wall Thickness for Piping ≥ NPS 2 and ≤ NPS 4		
C05.061	Circumferential Weld	NA	NA
C05.062	Longitudinal Weld	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.

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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	3-03-SR3 Hyd snubber	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.406		File no. 0SC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System.
F01.050.002	3-NPS-03-H28 Hyd snubber	0-2478 OFD-121D-3.1	QAL-14	VT-3	NA	3.000 0.000		File No.= OSC-1224-18, Page No. 39.2; Problem No.= 3-03A-14; Aux Service Water Piping
F01.050.003	3-53-H3 Hyd snubber	0-2478A OFD-102A-3.1	QAL-14	VT-3	NA	12.000 0.280		File No. OSC-1339 Page 82 Problem No. 3-56-03; Spent Fuel Cooling.
F01.050.004	3-56-H10 Hyd snubber	0-2478A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No. OSC-1339 Page No. 81 Problem No. 3-56-03 Spent Fuel Cooling.
F01.050.005	3-50-H12 Hyd snubber	0-2479A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.006	3-50-H1A Hyd snubber	0-2479A OFD-100A-3.2	QAL-14	VT-3	NA	10.000 0.000		Dwg. No.0-2491B-2A PZR Surge Line.
F01.050.007	3-50-H2A Hyd snubber	0-2479A OFD-100A-3.2	QAL-14	VT-3	NA	10.000 0.000		Dwg. No.0-2491B-2A PZR Surge Line
F01.050.008	3-50-H3A Hyd snubber	0-2479A OFD-100A-3.2	QAL-14	VT-3	NA	10.000 0.000		Dwg. No.0-2491B-2A PZR Surge Line
F01.050.009	3-51A-H2A Hyd snubber	0-2479A OFD-101A-3.4	QAL-14	VT-3	NA	2.500 0.154		File No. OSC-1343 Vol.B of C Prob. No. 3-53-10 Page 59 H.P.I. East Coolant Loop.
F01.050.010	3-03-H6B Hyd snubber	0-2480A OFD-121B-3.3	QAL-14	VT-3	NA	20.000 0.000		File no. 0SC-1335 Page 6(2)-71 Prob. No. 3-03-06 Main Feedwater System

CATEGORY F-A, Supports

Supports other than Piping Supports (Class 1,2,3)

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
F01.040.004	3-LDCA-SUPPORT	0M 201-3107	QAL-14	VT-3	NA	0.000 0.000		3A Letdown Cooler Support.Class C
F01.040.005	3-DHRC-A-SUPPORT	OM 2201-0227	QAL-14	VT-3	NA	0.000 0.000		3A Decay Heat Removal Support.Class B. Corrected drawing number, reference Addenda ONS3-013.

Total F01.040 Items: 2

CATEGORY F-A, Supports (Category A)

Class 3 Weld/Mech Conns at Inter Joints in 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
F01.030.032	3-14B-DE044 Rigid restraint	0-2439B OFD-124B-3.2	QAL-14	VT-3	NA	8.000 0.280	File No. OSC-535 Page No. 62 Problem No. 3-14-6 Low Pressure Service Water
F01.030.034	3-56-H2 Rigid restraint	5-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.125	File No. OSC-567 Page No. 40.3 Problem No. 3-56-1 Spent Fuel Cooling
F01.030.035	3-56-SR102 Rigid restraint	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.125	File No. OSC-563 Page No. 93.2 Problem No. 3-56-02 Spent Fuel Cooling
F01.030.036	3-56-SR110 Rigid restraint	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.125	File No. OSC-563 Page No. 92.2 Problem No. 3-56-02 Spent Fuel Cooling
Total F01.030 Items:	**14**						
F01.031.001	3-01A-LC-1603 Rigid restraint	0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.187	File no. 0SC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
Total F01.031 Items:	**1**						
F01.032.007	3-03A-H52 Spring hanger	1-0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.125	File no. 0SC-513 Page71 Prob. No. 3-03A-02 EmergencyFeedwater System
Total F01.032 Items:	**1**						

CATEGORY F-A, Supports (Category A)

Class 3 Weld/Mech Conns at Inter Joints in 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
F01.030.002	3-03-H54 Rigid restraint	0-2439B OFD-121B-3.3	QAL-14	VT-3	NA	24.000 2.000		File no. 0SC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
F01.030.012	3-03A-H126 Rigid restraint	0-2400A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.125		File No. OSC-526 Page No. 41 Problem No. 3-03A-09 Emergency Feedwater System
F01.030.013	3-03A-H13 Rigid restraint	1-0-2439B OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.125		File No. OS-519 Page No. 54 Problem No. 3-03A-06 Emergency Feedwater System
F01.030.016	3-03A-H137 Rigid restraint	1-0-2437A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.125		File No. OS-524 Page No. 64 Problem No. 3-03A-07 Emergency Feedwater System
F01.030.019	3-04A-SR4 Rigid restraint	2-0-2439B OFD-121B-3.5	QAL-14	VT-3	NA	6.000 1.000		File No. OSC-520 Page No. 48.1 Problem No. 3-04A-01 System 04A
F01.030.027	3-08-H10 Rigid restraint	0-2400A OFD-122A-3.4	QAL-14	VT-3 SWAY STRUT to Other	NA	10.000 0.000		File no. 0SC-1808 Sht 2 of 2 Prob. No. 3-08-1 Page 36 Emergency F.W. Pump Turbine Exh. to Condenser
F01.030.028	3-14B-DE007 Rigid restraint	0-2437B OFD-124B-3.1	QAL-14	VT-3	NA	16.000 0.187		File no. 0SC-531 Prob. No. 3-14B-3 Page 32 LPSWater Cooler Discharge
F01.030.029	3-14B-DE019 Rigid restraint	0-2437A OFD-124B-3.1	QAL-14	VT-3	NA	12.000 0.187		File no. 0SC-1357 Prob. No. 3-14B-07 Page 41 LPSWater
F01.030.030	3-14B-DE033 Rigid restraint	0-2439B OFD-124B-3.2	QAL-14	VT-3	NA	8.000 0.237		File No. OSC-535 Page No. 61.1 Problem No. 3-14-6 Low Pressure Service Water
F01.030.031	3-14B-DE043 Rigid restraint	0-2439B OFD-124B-3.4	QAL-14	VT-3	NA	10.000 0.280		File no. 0S-533 Page 61.1 Prob. No. 3-14-05 LPS Water

CATEGORY F-A, Supports (Category A)

Class 2 Weld Connections to Building Structure

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
F01.020.031	3-54A-H46	3-0-2436D	QAL-14	VT-3	NA	8.000		File No. OSC-554
	Rigid restraint	OFD-103A-3.1				0.125		Page No. 47.1
								Problem No. 3-54-01; Reactor Bld Spray
F01.020.039	3-56-H14	0-2478A	QAL-14	VT-3	NA	8.000		File No. OSC-1339
	Rigid restraint	OFD-104A-3.1				0.125		Page No. 81
								Problem No. 3-56-03; Spent Fuel Cooling
Total F01.020 Items:	**12**							
F01.022.017	3-54A-SR7	3-0-2435B	QAL-14	VT-3	NA	8.000		File No. OSC-555
	Hyd snubber	OFD-103A-3.1				1.000		Page No. 42.1
								Problem No. 3-54-02. Inspect with Item No. F01.050.048
Total F01.022 Items:	**1**							

CATEGORY F-A, Supports (Category A)

Class 2 Weld Connections to Building Structure

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
F01.020.003	3-03-H5A Rigid restraint	0-2479A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.365		File no. 0SC-1335 Page 6(1)-72 Prob. No. 3-03-07 Main Feedwater System
F01.020.005	3-14B-WM-1001 Rigid restraint	0-2439B OFD-124B-3.2	QAL-14	VT-3	NA	8.000 0.000		File No. OSC-535 Page No. 61.1 Problem No. 3-14-6; Low Pressure Service Water
F01.020.006	3-14B-H11F Rigid restraint	0-2479A OFD-124B-3.2	QAL-14	VT-3	NA	8.000 0.000		File No. OSC-1344-06 Page No. 6(6) 41 Problem No. 3-14B-13; System 14B
F01.020.007	3-14B-H16A Rigid restraint	0-2479A OFD-124B-3.2	QAL-14	VT-3	NA	8.000 0.000		File No. OSC-1344-06 Page No. 6(2) 38 Problem No. 3-14B-08; System 14B
F01.020.008	3-51A-DE030 Rigid restraint	0-2438C OFD-101A-3.4	QAL-14	VT-3 SWAY STRUT to Other	NA	4.000 0.000		File No. OSC-544 Prob. No. 3-51-07 Page 59 H.P.I. to Reactor Coolant Pump Seals
F01.020.013	3-51A-H17C Rigid restraint	0-2479A OFD-101A-3.1	QAL-14	VT-3	NA	2.500 0.145		File No. OSC-1660-01 Sht. 5of 5 Prob.No.3-51-14 R.C. Pump Piping to H.P. Inj. Letdown Coolers
F01.020.014	3-51A-H240 Rigid restraint	1-0-2439A OFD-101A-3.4	QAL-14	VT-3 SWAY STRUT to Other	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-4 Page 63 H.P.I.to Reactor Coolant Loop "A"
F01.020.015	3-51A-H241 Rigid restraint	1-0-2439A OFD-101A-3.4	QAL-14	VT-3	NA	2.500 0.154		File No. OSC-541 Prob. No. 3-51-4 Page 63 H.P.I.to Reactor Coolant Loop "A"
F01.020.016	3-51A-H314 Rigid restraint	1-0-2439A OFD-101A-3.4	QAL-14	VT-3 SWAY STRUT to Other	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 66 H.P.I.to Reactor Coolant Loops "A" &"B"
F01.020.017	3-51A-RJ-1000 Rigid restraint	0-2478A OFD-101A-3.1	QAL-14	VT-3	NA	2.500 0.375		File No. OSC-1660-01 Sht. 5of 5 Prob.No.3-51-14 R.C. Pump Piping to H.P. Inj. Letdown Coolers

CATEGORY F-A, Supports (Category A)

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

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
F01.010.004	3-51A-H5A	0-2479A	QAL-14	VT-3	NA	2.500		File No. OSC-1343
	Rigid restraint	OFD-101A-3.4				0.375		Vol.B of C
								Prob. No. 3-53-10 Page 59
								H.P.I. East Coolant Loop
Total F01.010 Items:	**1**							
F01.011.005	3-53A-H24C	0-2479A	QAL-14	VT-3	NA	1.500		File No. OSC-1343-06 Vol.A of C
	Rigid restraint	OFD-100A-3.2				0.250		Prob.No. 3-53-09 Page 139
								Low Pressure Inj. Supply to PZR Spray
Total F01.011 Items:	**1**							
F01.012.004	3-51A-H11A	0-2479A	QAL-14	VT-3	NA	2.500		File No. OSC-1343
	Spring hanger	OFD-101A-3.4				0.000		Vol.B of C
								Prob. No. 3-53-10 Page 58
								H.P.I. East Coolant Loop
Total F01.012 Items:	**1**							

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

[redacted] Integral Attachment

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	3-56-H2	5-0-2437A	QAL-14	VT-3	NA	8.000		File No. OSC-567
	Rigid restraint	OFD-104A-3.1				0.125		Page No. 40.3
								Problem No. 3-56-1; Spent Fuel Cooling
D03.020.002	3-56-SR102	1-0-2437A	QAL-14	VT-3	NA	8.000		File No. OSC-563
	Rigid restraint	OFD-104A-3.1				0.125		Page No. 93.2
								Problem No. 3-56-02; Spent Fuel Cooling
D03.020.003	3-56-SR110	1-0-2437A	QAL-14	VT-3	NA	8.000		File No. OSC-563
	Rigid restraint	OFD-104A-3.1				0.125		Page No. 92.2
								Problem No. 3-56-02; Spent Fuel Cooling

Total D03.020 Items: 3

Total Category D-C Items: 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Spring Type Supports ••••								
D02.040.011	3-03A-H187 Spring hanger	1-0-2439A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.500		File No. OSC-525 Page No. 44.1 Problem No. 3-03A-08; Emergency Feedwater System
D02.040.015	3-03A-H52 Spring hanger	1-0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.125		File no. 0SC-513 Page71 Prob. No. 3-03A-02 EmergencyFeedwater System
D02.040.020	3-07A-H4 Spring hanger	0-2400A OFD-121A-3.7	QAL-14	VT-3	NA	24.000 1.750		File no. 0SC-521 Page 120 Prob. No. 3-07-01 Condensate System
D02.040.021	3-07A-H44 Spring hanger	4-0-2402A OFD-121A-3.7	QAL-14	VT-3	NA	24.000 0.187		File no. 0SC-521 Page 120 Prob. No. 3-07-01 Condensate System
D02.040.023	3-07A-H7 Spring hanger	4-0-2402A OFD-121A-3.7	QAL-14	VT-3	NA	24.000 1.500		File no. 0SC-521 Page 120 Prob. No. 3-07-01 Condensate System
D02.040.032	3-14B-H13 Spring hanger	0-2437A OFD-124B-3.1	QAL-14	VT-3	NA	8.000 0.125		File no. 0SC-1357 Prob. No. 3-14B-07 Page 41 LPSWater
D02.040.033	3-14B-H14 Spring hanger	0-2437A OFD-124B-3.1	QAL-14	VT-3	NA	8.000 0.216		File no. 0SC-1357 Prob. No. 3-14B-07 Page 41 LPSWater
D02.040.034	3-14B-H16 Spring hanger	0-2439B OFD-124B-3.2	QAL-14	VT-3	NA	14.000 1.500		File No. OSC-535 Page No. 60 Problem No. 3-14-6; Low Pressure Service Water

Total D02.040 Items: 8

Total Category D-B Items: 31

CATEGORY D-B, Systems In Support Of ECC, CHR, Atmos. Cleanup, And Reactor [redacted] Integral Attachment

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
D02.020.107	3-14B-DE033	0-2439B	QAL-14	VT-3	NA	8.000		File No. OSC-535
	Rigid restraint	OFD-124B-3.2				0.237		Page No. 61.1
								Problem No. 3-14-6; Low Pressure Service Water
D02.020.108	3-14B-DE043	0-2439B	QAL-14	VT-3	NA	10.000		File no. 0S-533 Page 61.1
	Rigid restraint	OFD-124B-3.4				0.280		Prob. No. 3-14-05 LPSWater
D02.020.109	3-14B-DE044	0-2439B	QAL-14	VT-3	NA	8.000		File No. OSC-535
	Rigid restraint	OFD-124B-3.2				0.280		Page No. 62
								Problem No. 3-14-6; Low Pressure Service Water

Total D02.020 Items: 23

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

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
D02.020.065	3-03A-SR134	1-0-2437A	QAL-14	VT-3	NA	6.000		File No. OS-524
Rigid restraint		OFD-121D-3.1				0.500		Page No. 64; Problem No. 3-03A-07
								Emergency Feedwater System
D02.020.075	3-03A-SR153	1-0-2400B	QAL-14	VT-3	NA	6.000		File No. OSC-527
Rigid restraint		OFD-121D-3.1				0.500		Page No. 39; Problem No. 3-03A-10
								Emergency Feedwater System
D02.020.079	3-03A-SR189	1-0-2437B	QAL-14	VT-3	NA	6.000		File No. OSC-527
Rigid restraint		OFD-121D-3.1				1.000		Page No. 39; Problem No. 3-03A-10
								Emergency Feedwater System
D02.020.080	3-03A-SR19	1-0-2401A	QAL-14	VT-3	NA	6.000		File No. OS-516
Rigid restraint		OFD-121D-3.1				1.000		Page No. 54; Problem No. 3-03A-04
								Emergency Feedwater Pump Discharge.
D02.020.087	3-03A-SR9	1-0-2401B	QAL-14	VT-3	NA	6.000		File No. OSC-513
Rigid restraint		OFD-121D-3.1				1.000		Page No. 70; Problem No. 3-03A-02
								Emergency Feedwater Pump Discharge
D02.020.088	3-04A-H17	2-0-2439B	QAL-14	VT-3	NA	6.000		File No. OSC-520
Rigid restraint		OFD-121B-3.5				0.125		Page No. 48.1
								Problem No. 3-04A-01; System 04A
D02.020.089	3-04A-H19	2-0-2439B	QAL-14	VT-3	NA	6.000		File No. OSC-520
Rigid restraint		OFD-121B-3.5				0.125		Page No. 48.1
								Problem No. 3-04A-01; System 04A
D02.020.092	3-04A-SR4	2-0-2439B	QAL-14	VT-3	NA	6.000		File No. OSC-520
Rigid restraint		OFD-121B-3.5				1.000		Page No. 48.1
								Problem No. 3-04A-01; System 04A
D02.020.104	3-14B-DE007	0-2437B	QAL-14	VT-3	NA	16.000		File no. 0SC-531
Rigid restraint		OFD-124B-3.1				0.187		Prob. No. 3-14B-3 Page 32
								LPSWater Cooler Discharge
D02.020.106	3-14B-DE019	0-2437A	QAL-14	VT-3	NA	12.000		File no. 0SC-1357
Rigid restraint		OFD-124B-3.1				0.187		Prob. No. 3-14B-07 Page 41
								LPSWater

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLOCKS	COMMENTS
•••• Component Supports and Restraints ••••								
D02.020.006	3-01A-LC-1603	0-2403D	QAL-14	VT-3	NA	6.000		File no. 0SC-510 Sht 1of3
Rigid restraint		OFD-122A-3.4				0.187		Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
D02.020.008	3-01A-R7	4-1-0-2403A	QAL-14	VT-3	NA	6.000		File no. 0SC-510 Sht 2of3
Rigid restraint		OFD-122A-3.4				0.125		Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump.
D02.020.009	3-03-H54	0-2439B	QAL-14	VT-3	NA	24.000		File no. 0SC-512 Page136.1
Rigid restraint		OFD-121B-3.3				2.000		Prob. No. 3-03-01 Main Feedwater System
D02.020.010	3-03-H6195	0-2478	QAL-14	VT-3	NA	3.000		File No. OSC-1224-18
Rigid restraint		OFD-121D-3.1				0.154		Page No. 39.2 Problem No. 3-03A-14; Aux Service Water Piping
D02.020.016	3-03A-DE070	0-2400A	QAL-14	VT-3	NA	6.000		File No. OSC-526
Rigid restraint		OFD-121D-3.1				0.125		Page No. 42; Problem No. 3-03A-09 Emergency Feedwater System
D02.020.023	3-03A-H126	0-2400A	QAL-14	VT-3	NA	6.000		File No. OSC-526
Rigid restraint		OFD-121D-3.1				0.125		Page No. 41; Problem No. 3-03A-09 Emergency Feedwater System
D02.020.024	3-03A-H13	1-0-2439B	QAL-14	VT-3	NA	6.000		File No. OS-519
Rigid restraint		OFD-121D-3.1				0.125		Page No. 54; Problem No. 3-03A-06 Emergency Feedwater System
D02.020.027	3-03A-H137	1-0-2437A	QAL-14	VT-3	NA	6.000		File No. OS-524
Rigid restraint		OFD-121D-3.1				0.125		Page No. 64; Problem No. 3-03A-07 Emergency Feedwater System
D02.020.034	3-03A-H2A	0-2480A	QAL-14	VT-3	NA	6.000		File No. OSC-1224-18
Rigid restraint		OFD-121D-3.1				0.500		Page No. 40.2; Problem No. 3-03A-14 Aux Service Water Piping
D02.020.041	3-03A-SR163	1-0-2401B	QAL-14	VT-3	NA	6.000		File No. OSC-527
Rigid restraint		OFD-121D-3.1				0.500		Page No. 39; Problem No. 3-03A-10 Emergency Feedwater System.

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

[redacted] Valves

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	3-FDW-345	OM-245-796	NDE-25	MT	CS	6.000		Valve Body Weld on Valve 3FDW-345
	Circumferential	OFD-121D-3.1				1.136		
							Valve Body Neck to Valve Body	

Total C06.020 Items: 1

Total Category C-G Items: 1

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

Pipe Branch Connections of Branch Piping ≥ NPS 2

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 ••••								
C05.081.001	3-MS22A-E	3-01A-10/3MS-22A	NDE-25	MT	CS	8.000		
Branch		OFD-122A-3.1				0.500		
				Pipe to Pipe				

Total C05.081 Items: 1

Total Category C-F-2 Items: 42

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

[redacted] Shell-to-Flange Weld

DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System
Oconee Unit 3

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
B01.030.001A	3-RPV-WR19	ISI-OCN3-001	NDE-650	UT	CS	167.630	50304	Reactor Vessel Upper Shell Fprging Pc. 86 to Flange Pc. 7. 0-360 Degrees from Flange Surface. (manual scan)
Circumferential		OM-2201-227				12.000		
				Shell Forging to Flange				

Total B01.030 Items: 1

CATEGORY B-A, Pressure Retaining Welds in Reactor Vessel

[redacted] Head Welds

DUKE POWER COMPANY
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System
Oconee Unit 3

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 ••••								
B01.021.001	3-RPV-WH5 Circumferential	ISI-OCN3-001 OM-2201-228	NDE-660	UT	CS	0.000 6.625 Head Ring to Closure Head Cap	40387	Reactor Vessel Closure Head Ring Pc. 23 to Closure Head Cap Pc. 24.

Total B01.021 Items: 1

4.0 Final Inservice Inspection Plan For Outage 15

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 15 at Oconee Nuclear Station Unit 3.

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

Augmented Inspections

Description	***Percentage Complete***
Reactor Coolant Pump Flywheels (Item No. Series G01)	100% of requirements for EOC 15
High Pressure Injection and Make-Up Nozzle Safe-Ends (Item No. Series G02)	Not Scheduled
Pressurizer Surge Line Drain Line (Item No. Series G03)	Not Scheduled
Thermal Stress Piping (Item No. Series G04)	100% of requirements for EOC 15
Class 2 Piping Welds NPS Greater Than 4" With A Nominal Wall Thickness Less Than $^3/_8$" (Item No. Series G09)	100% of requirements for EOC 15
Reactor Coolant Pump 3A2 and 3B1 Flange Joint, Studs, Adjacent Areas (Item No. Series G11)	100% of requirements for EOC 15

Class 2 Inspections

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	Deferral Allowed
C-A	Pressure Retaining Welds in Pressure Vessels	16 Welds	2 Welds	12.50%	No
C-B	Pressure Retaining Nozzle Welds in Vessels	8 Welds	2 Welds	25%	No
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	55 Attachments	2 Attachments	3.63%	No
C-D	Pressure Retaining Bolting Exceeding 2 Inches in Diameter	1 Item	0 Items	0%	No
C-F-1	Pressure Retaining Welds in Austentic Stainless Steel or High Alloy Piping	84 Welds	14 Welds	16.66%	No
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	59 Welds	7 Welds	11.86%	No
C-G	Pressure Retaining Welds in Pumps and Valves	N/A	N/A	N/A	N/A
C-H	All Pressure Retaining Components				No
	System or Component Functional Test	76 Components	6 Components	7.89%	
	System Hydrostatic Test	38 Components	0 Components	0%	
F1.02	Class 2 Component Supports	94 Supports	13 Supports	13.82%	No

Class 1 Inspections (Continued)

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	Deferral Allowed
B-K-1	Integral Attachments for Piping, Pumps and Valves	N/A	N/A	N/A	N/A
B-L-1	Pressure Retaining Welds in Pump Casings	1 Weld	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	4 Valves	4 Valves	100%	Yes
B-N-1	Interior of Reactor Vessel	1 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-0	Pressure Retaining Welds in Control Rod Housings	3 Housings	1 Housing	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	26 Supports	3 Supports	11.53%	No

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

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	[4]Deferral Allowed
B-A	Pressure Retaining Welds in Reactor Vessel	8 Welds	2.5 Welds	31.25%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessel	10 Welds	0 Welds	0%	No
B-D	Full Penetration Welds of Nozzles in Vessels	31 Inspections	4 Inspections	12.90%	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	31 Welds	0 Welds	0%	No
B-F	Pressure Retaining Dissimilar Metal Welds	28 Welds	3 Welds	10.71%	No
B-G-1	Pressure Retaining Bolting Greater than 2 Inch Diameter	148 Items	34 Items	23%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	37 Items	1 Item	2.70%	No
B-H	Integral Attachment for Vessels	N/A	N/A	N/A	N/A
B-J	Pressure Retaining Welds in Piping	131 Welds	32 Welds	24.42%	No

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

Augmented Inspections (Continued)

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

F1.2 Component Supports

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
F1.020	Reference Section 4.0 of this report	13	13
F1.040	Reference Section 4.0 of this report	2	2
F1.050	Reference Section 4.0 of this report	35	35
TOTALS		50	50

2.3 Augmented Inspections

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
G01.001	Reactor Coolant Pump Flywheel	4	4
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)	3	3
G05.001	Pressurizer Spray Piping Thermal Transient Inspection	NA	NA
G06.001	Auxiliary Feedwater Header Water Hammer Examinations (PSC21-82)	0	0
G07.001	Augmented Examination of Longitudinal Piping Welds With A Nominal Wall Thickness < $^3/_8$" and > NPS 4"	0	0

Examination Category C-H All Pressure Retaining Components

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	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	18	18
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		18	18

Examination Category C-F (Continued)

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
C05.070	Socket Welds	NA	NA
C05.080	Pipe Branch Connections of Branch Piping ≥ NPS 2		
C05.081	Circumferential Weld	1	1
C05.082	Longitudinal Weld	NA	NA
TOTALS		22	22

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

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

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.011	3-03-H7A Hyd snubber	0-2480A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.237		File no. 0SC-1335 Page 6(1)-72 Prob. No. 3-03-07 Main Feedwater System
F01.050.012	3-50-H10 Hyd snubber	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.013	3-50-H11 Hyd snubber	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.014	3-50-H8 Hyd snubber	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.015	3-50-H9 Hyd snubber	0-2480A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.016	3-50-H1 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.000		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.017	3-50-H3 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.154		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.018	3-57-H13A Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	4.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System.
F01.050.019	3-57-H15 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 1.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System.
F01.050.020	3-57-H16 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.021	3-57-H17 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
F01.050.022	3-57-H20 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
F01.050.023	3-57-H21 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
F01.050.024	3-57-H23 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
F01.050.025	3-57-H25 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	6.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
F01.050.026	3-57-H7 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	8.000 0.000		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
F01.050.027	3-57-H9 Hyd snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	8.000 0.216		File No.OSC-1351-06 Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System
F01.050.028	3-01A-H2A Hyd snubber	0-2481B OFD-122A-3.1 0-2490A-3(S)	QAL-14	VT-3	NA	26.000 0.322		File no. 0SC-1334 Prob. No. 3-01-08 Main Steam System
F01.050.029	3-01A-H2B Hyd snubber	0-2481B OFD-122A-3.1 0-2490A-2(S)	QAL-14	VT-3	NA	26.000 0.322		File no. 0SC-1334 Prob. No. 3-01-07 Main Steam System
F01.050.030	3-01A-H8A Hyd snubber	0-2481B OFD-122A-3.1 0-2490A-3(S)	QAL-14	VT-3	NA	26.000 0.322		File no. 0SC-1334 Prob. No. 3-01-08 Main Steam System

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.031	3-01A-H8B Hyd snubber	0-2481B OFD-122A-3.1 0-2490A-2(S)	QAL-14	VT-3	NA	26.000 0.322		File no. 0SC-1334 Prob. No. 3-01-07 Main Steam System
F01.050.032	3-03A-SR103PO Hyd snubber	1-0-2400A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-526, Page No. 41; Problem No.= 3-03A-09; Emergency Feedwater System
F01.050.033	3-03A-SR104PO Hyd snubber	1-0-2400A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-526, Page No. 41; Problem No.= 3-03A-09; Emergency Feedwater System
F01.050.034	3-03A-SR100PO Hyd snubber	1-0-2401A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.203		File No. OS-519 Page No. 55 Problem No. 3-03A-06 Emergency Feedwater System
F01.050.035	3-03A-SR101PO Hyd snubber	1-0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-513 Page72 Prob. No. 3-03A-02 EmergencyFeedwater System
F01.050.036	3-03A-SR102PO Hyd snubber	1-0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-513 Page71 Prob. No. 3-03A-02 EmergencyFeedwater System
F01.050.037	3-56-SR107 Hyd snubber	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 92.2; Problem No.= 3-56-02; Spent Fuel Cooling
F01.050.038	3-56-SR109 Hyd snubber	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 92.2; Problem No.= 3-56-02; Spent Fuel Cooling
F01.050.039	3-56-SR112 Hyd snubber	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-563, Page No. 92.2; Problem No.= 3-56-02; Spent Fuel Cooling
F01.050.040	3-56-SR116 Hyd snubber	1-0-2437A OFD-104A-3.1	QAL-14	VT-3	NA	8.000 0.237		File No OSC-563 Page No. 93.2 Problem No. 3-56-02 Spent Fuel Cooling

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.041	3-56-SR119	1-0-2437A	QAL-14	VT-3	NA	6.000		File No.= OSC-563, Page No. 93.2; Problem No.=
	Hyd snubber	OFD-104A-3.1				0.000		3-56-02; Spent Fuel Cooling
F01.050.042	3-51A-SR14	1-0-2444	QAL-14	VT-3	NA	4.000		File No. OSC-542
	Hyd snubber	OFD-101A-3.3				0.000		Prob. No. 3-51-05 Page 42 H.P.I. Pump Discharge
F01.050.043	3-01A-R10	1-1-0-2401B	QAL-14	VT-3	NA	12.000		File no. 0S-507 Sht 1of2
	Hyd snubber	OFD-122A-3.2				0.000		Prob. No. 3-01-09 Main Steam ByPass to Condenser
F01.050.044	3-01A-R12	1-1-0-2401B	QAL-14	VT-3	NA	12.000		File no. 0S-507 Sht 1of2
	Hyd snubber	OFD-122A-3.2				0.280		Prob. No. 3-01-09 Main Steam ByPass to Condenser
F01.050.045	3-01A-R9	1-1-0-2401B	QAL-14	VT-3	NA	12.000		File no. 0S-507 Sht 1of2
	Hyd snubber	OFD-122A-3.2				0.000		Prob. No. 3-01-09 Main Steam ByPass to Condenser
F01.050.046	3-53B-SR22	2-0-2435B	QAL-14	VT-3	NA	14.000		File N0.= OS-549, Page 78; Problem No.= 3-53-01; L P
	Hyd snubber	OFD-102A-3.1				0.000		Injection & Decay Heat Removal
F01.050.047	3-54A-SR22	3-0-2435B	QAL-14	VT-3	NA	8.000		File No.= OSC-554, Page No. 47.1; Problem No.=
	Hyd snubber	OFD-103A-3.1				0.000		3-54-01; Reactor Bld Spray
F01.050.048	3-54A-SR7	3-0-2435B	QAL-14	VT-3	NA	8.000		File No. OSC-555
	Hyd snubber	OFD-103A-3.1				1.000		Page No. 42.1 Problem No. 3-54-02
F01.050.049	3-54A-SR14	3-0-2439A	QAL-14	VT-3	NA	8.000		File No.= OSC-556, Page No. 64.1; Problem
	Hyd snubber	OFD-103A-3.1				0.000		No.=3-54-03
F01.050.050	3-01A-R4	3-803E245-2	QAL-14	VT-3	NA	12.000		File no. 0SC-511 Page50
	Hyd snubber	OFD-122A-3.1				0.000		Prob. No. 3-01-06 Main Steam System

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.051	3-01A-R8 Hyd snubber	4-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
F01.050.052	3-01A-R12 Hyd snubber	4-2-0-2403A OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 2of3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
F01.050.053	3-01A-R11 Hyd snubber	4-2-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 2of3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
F01.050.054	3-01A-R4 Hyd snubber	4-2-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 2of3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
F01.050.055	3-53B-SR32 Hyd snubber	5-0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No.= OS-550, Page No. 57; Problem No.= 3-53-03; System 53B
F01.050.056	3-53B-SR33 Hyd snubber	5-0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No.= OS-550, Page No. 57; Problem No.= 3-53-03; System 53B
F01.050.057	3-53B-SR38 Hyd snubber	5-0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No. OS-550 Page No. 56 Problem No. 3-53-03; System 53B
F01.050.058	3-53B-SR39 Hyd snubber	5-0-2435B OFD-102A-3.2	QAL-14	VT-3	NA	10.000 0.000		File No.= OS-550, Page No. 58; Problem No.= 3-53-03; System 53B
F01.050.059	3-13-SR1 Hyd snubber	7-0-2400A OFD-133A-3.2	QAL-14	VT-3	NA	12.000 0.000		File noOSC-523 Page 40 Prob. No. 13-7 Condenser Circulating Water Emerg. Disch.
F01.050.060	3-13-SR3 Hyd snubber	7-0-2400A OFD-133A-3.2	QAL-14	VT-3	NA	24.000 0.000		File noOSC-523 Page 40 Prob. No. 13-7 Condenser Circulating Water Emerg. Disch.

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.061	3-13-SR4 Hyd snubber	7-0-2400A OFD-133A-3.2	QAL-14	VT-3	NA	30.000 0.000		File noOSC-523 Page 40 Prob. No. 13-7 Condenser Circulating Water Emerg. Disch.
F01.050.062	3-07A-DE027 Mech snubber	0-2400A OFD-121A-3.8	QAL-14	VT-3	NA	8.000 0.000		File No.= OS-522, Page No. 59.1; Problem No.= 3-07-03; System 07A
F01.050.063	3-03-DE001 Mech snubber	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.000		File no. 0SC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
F01.050.064	3-03-SR1 Mech snubber	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.000		File no. 0SC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
F01.050.065	3-03-SR10 Mech snubber	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.000		File no. 0SC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
F01.050.066	3-03-SR11 Mech snubber	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.000		File no. 0SC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
F01.050.067	3-03-SR2 Mech snubber	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	24.000 0.435		File no. 0SC-512 Page136.1 Prob. No. 3-03-01 Main Feedwater System
F01.050.068	3-03A-DE054 Mech snubber	0-2401A OFD-121B-3.3	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-519 Page55 Prob. No. 3-03A-06 EmergencyFeedwater System
F01.050.069	3-02A-DE016 Mech snubber	0-2403A OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 2of3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
F01.050.070	3-03A-DE053 Mech snubber	0-2402A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OS-519, Page No. 55; Problem No.= 3-03A-06; Emergency Feedwater System

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.071	3-53B-DE013	0-2435B	QAL-14	VT-3	NA	14.000		File N0. OS-549
Mech snubber		OFD-102A-3.1				0.000		Page 78 Problem No. 3-53-01 L P Injection & Decay Heat Removal
F01.050.072	3-56-DE005	0-2437A	QAL-14	VT-3	NA	8.000		File No.= OSC-563, Page No. 93.2; Problem No.=
Mech snubber		OFD-104A-3.1				0.000		3-56-02; Spent Fuel Cooling
F01.050.073	3-56-DE007	0-2437A	QAL-14	VT-3	NA	8.000		File No.= OSC-563, Page No. 92.2; Problem No.=
Mech snubber		OFD-104A-3.1				0.000		3-56-02; Spent Fuel Cooling
F01.050.074	3-53B-DE008	0-2438B	QAL-14	VT-3	NA	8.000		File No.= OS-551, Page 60.2; Problem No.3-53-04;
Mech snubber		OFD-102A-3.1				0.000		System 53
F01.050.075	3-56-DE008	0-2438B	QAL-14	VT-3	NA	8.000		File No.= OSC-563, Page No. 94.6; Problem No.=
Mech snubber		OFD-104A-3.1				0.000		3-56-02; Spent Fuel Cooling
F01.050.076	3-03-H6034	0-2480A	QAL-14	VT-3	NA	6.000		File No.= OSC-1224-18, Page No. 38.2; Problem No.=
Mech snubber		OFD-121D-3.1				0.000		3-03A-14; Aux Service Water Piping
F01.050.077	3-03-H6036	0-2480A	QAL-14	VT-3	NA	6.000		File No.= OSC-1224-18, Page No. 38.2; Problem No.=
Mech snubber		OFD-121D-3.1				0.000		3-03A-14; Aux Service Water Piping
F01.050.078	3-03-H6038	0-2480A	QAL-14	VT-3	NA	6.000		File No.= OSC-1224-18, Page No. 40.2; Problem No.=
Mech snubber		OFD-121D-3.1				0.000		3-03A-14; Aux Service Water Piping
F01.050.079	3-03-H6187	0-2480A	QAL-14	VT-3	NA	6.000		File No.= OSC-1224-18, Page No. 40.2; Problem No.=
Mech snubber		OFD-121D-3.1				0.000		3-03A-14; Aux Service Water Piping
F01.050.080	3-57-NWIZ	0-2480A	QAL-14	VT-3	NA	12.000		File No.OSC-1351-06
Mech snubber		OFD-100A-3.2				0.000		Problem No.3-57-01 Dwg # 0-3RB-357001-01 PZR Relief Valve System

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.081	3-50-H7 Mech snubber	0-2481A OFD-100A-3.2	QAL-14	VT-3	NA	2.500 0.500		File No. OSC-1343-06 Vol.A of C Prob.No. 3-53-09 Page 138 Low Pressure Inj. Supply to PZR Spray
F01.050.082	3-03A-H204 Mech snubber	1-0-2400A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No.= OSC-1209, Page No. 28; Problem No.= 3-03A-12; Emergency Feedwater System
F01.050.083	3-03A-SR33 Mech snubber	1-0-2401A OFD-121D-3.1	QAL-14	VT-3	NA	6.000 0.000		File No. OS-519 Page No. 55 Problem No. 3-03A-06 Emergency Feedwater System. Inspect with Item No.
F01.050.084	3-51A-H308 Mech snubber	1-0-2439A OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 66 H.P.I.to Reactor Coolant Loops "A" &"B"
F01.050.085	3-51A-H309 Mech snubber	1-0-2439A OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 66 H.P.I.to Reactor Coolant Loops "A" &"B"
F01.050.086	3-51A-H294 Mech snubber	1-0-2439C OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-542 Prob. No. 3-51-05 Page 44.1 H.P.I.Crossover to Reactor Coolant Inj. Loops "A"&"B"
F01.050.087	3-51A-H304 Mech snubber	1-0-2439C OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 66 H.P.I.to Reactor Coolant Loops "A" &"B"
F01.050.088	3-51A-H318 Mech snubber	1-0-2444 OFD-101A-3.4	QAL-14	VT-3	NA	4.000 0.000		File No. OSC-541 Prob. No. 3-51-04 Page 67 H.P.I.Crossover to Reactor Coolant Loops "A" &"B"
F01.050.089	3-01A-R13 Mech snubber	1-1-0-2401B OFD-122A-3.2	QAL-14	VT-3	NA	12.000 0.000		File no. 0S-507 Sht 1of2 Prob. No. 3-01-09 Main Steam ByPass to Condenser
F01.050.090	3-53B-SR46 Mech snubber	2-0-2435D OFD-101A-3.3	QAL-14	VT-3	NA	6.000 0.000		File No. OSC-539 Prob. No. 3-51-2 Page 145 H.P.I. Pumps 3A,3B,&3C Suction Header

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.091	3-54A-R1000 Mech snubber	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-555, Page No. 42.1; Problem No.= 3-54-02
F01.050.092	3-54A-R1001 Mech snubber	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.000		File No.= OSC-554, Page No. 47.1; Problem No.= 3-54-01; Reactor Bld Spray
F01.050.093	3-54A-SR23 Mech snubber	3-0-2435B OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.500		File No.= OSC-554, Page No. 47.1; Problem No.= 3-54-01; Reactor Bld Spray
F01.050.094	3-51B-H62 Mech snubber	3-0-2436G OFD-101A-3.2	QAL-14	VT-3	NA	4.000 1.062		File No. OSC-539 Prob. No. 3-51-2 Page 145 H.P.I. Pumps 3A,3B,&3C Suction Header
F01.050.095	3-54A-SR12 Mech snubber	3-0-2438A OFD-103A-3.1	QAL-14	VT-3	NA	8.000 0.500		File No.= OSC-556, Page No. 65.1; Problem No.= 3-54-03
F01.050.096	3-01A-R10 Mech snubber	4-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
F01.050.097	3-01A-R6 Mech snubber	4-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
F01.050.098	3-01A-R9 Mech snubber	4-0-2403D OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 1of3 Prob. No. 3-01A-04 Main Steam to Emergency F.W. Pump
F01.050.099	3-01A-R3 Mech snubber	4-2-0-2403E OFD-122A-3.4	QAL-14	VT-3	NA	6.000 0.000		File no. 0SC-510 Sht 2of3 Prob. No. 3-01A-04 Page 68 Main Steam to Emergency F.W. Pump
F01.050.100	3-07A-H70 Mech snubber	6-0-2400A OFD-121A-3.8	QAL-14	VT-3	NA	20.000 0.000		File No.= OSC-1211, Page No. 27; Problem No.= 3-07-05; System 07A

CATEGORY F-A, Supports

Spring Supports & Constant Load Supports

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
F01.050.101	3-07A-H71	6-0-2400A	QAL-14	VT-3	NA	20.000		File No.= OSC-1211, Page No. 27; Problem No.=
	Mech snubber	OFD-121A-3.8				0.000		3-07-05; System 07A
F01.050.102	3-07A-H72	6-0-2400A	QAL-14	VT-3	NA	24.000		File No.= OSC-1211, Page No. 28; Problem No.=
	Mech snubber	OFD-121A-3.8				0.000		3-07-05; System 07A
F01.050.103	3-07A-H74	6-0-2400A	QAL-14	VT-3	NA	20.000		File No.= OSC-1211, Page No. 28; Problem No.=
	Mech snubber	OFD-121A-3.8				0.000		3-07-05; System 07A
F01.050.104	3-07A-DE031	6-0-2402A	QAL-14	VT-3	NA	24.000		File no. 0SC-521 Page 120
	Mech snubber	OFD-121A-3.7				0.000		Prob. No. 3-07A-01
								Condensate System
F01.050.105	3-13-DE002	7-0-2400B	QAL-14	VT-3	NA	30.000		File No. OSC-523 Page 40
	Mech snubber	OFD-133A-3.2				0.000		Prob. No. 13-7
								Condenser Circulating Water Emerg. Disch.
F01.050.106	3-53B-SR31	7-0-2436C	QAL-14	VT-3	NA	14.000		File No.= OS-539, Page 143; Problem No.3-51-2;
	Mech snubber	OFD-102A-3.1				0.000		

Total F01.050 Items: **106**

Total Category F-A Items: **140**

CATEGORY AUG, Augmented Inspections

Reactor Coolant Pump Flywheel

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
G01.001.001	3-RCP-3A1	OM-201D-038 OFD-100A-3.1	NDE-900	UT RCP 3A1 Flywheel to Other	CS	72.000 9.500		Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.
G01.001.002	3-RCP-3A2	OM-201D-038 OFD-100A-3.1	NDE-900	UT RCP 3A2 Flywheel to Other	CS	72.000 9.500		Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.
G01.001.003	3-RCP-3B1	OM-201D-038 OFD-100A-3.1	NDE-900	UT RCP 3B1 Flywheel to Other	CS	72.000 9.500		Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.
G01.001.004	3-RCP-3B2	OM-201D-038 OFD-100A-3.1	NDE-900	UT RCP 3B2 Flywheel to Other	CS	72.000 9.500		Reference Section 7 Paragraph 7.1.1 of the ISI Plan - Volume 1.

Total G01.001 Items: 4

Total Category AUG Items: 4

CATEGORY AUG, Augmented Inspections

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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
G04.001.001	3-51A-61-43	3-51A-61	NDE-600	UT	SS	2.500		Inspect 100% of weld &1"of Base Metal (axial & circ.).
	Circumferential	OFD-101A-3.4				0.375		Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
				Valve (Valve 3HP-153) to Pipe				Reference Request for Relief 95-02 for calibration block.
G04.001.003	3-51A-61-44A	3-51A-61	NDE-600	UT	SS	2.500		Inspect 100% of weld &1"of Base Metal (axial & circ.).
	Circumferential	OFD-101A-3.4				0.375		Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
	Stress weld			Pipe to Nozzle (Nozzle on 3B1 Disc Line)				Reference Request for Relief 95-02 for calibration block.
G04.001.005	3-51A-62-26	3-51A-62	NDE-600	UT	SS	2.500		Inspect 100% of weld &1"of Base Metal (axial & circ.).
	Circumferential	OFD-101A-3.4				0.375		Reference Section 7 Paragraph 7.1.4 of the ISI Plan.
	Stress weld			Pipe to Nozzle (Nozzle on 3B2 Disch Line)				Reference Request for Relief 95-02 for calibration block.

Total G04.001 Items: 3

Total Category AUG Items: 3

CATEGORY AUG, Augmented Inspections

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

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
G09.001.003	3-51A-50-68	3-51A-50	NDE-35	PT	SS	6.000		
	Circumferential	OFD-101A-3.3				0.280		
				Pipe to Reducer				
G09.001.022	3-53B-51-23	3-53B-51	NDE-35	PT	SS	10.000		
	Circumferential	OFD-102A-3.2				0.250		
				Reducer to Pipe				
G09.001.023	3-54A-10-14	3-54A-10	NDE-35	PT	SS	8.000		
	Circumferential	OFD-102A-3.1				0.250		
	Term end	OFD-103A-3.1		Elbow to Flange				

Total G09.001 Items: 3

Total Category AUG Items: 3

CATEGORY AUG, Augmented Inspections

Reactor Coolant Pump 3A2 and 3B1 Alternate Examination

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
G11.001.001	3RCP-3A2	OM-1201-1217 OFD-100A-3.1	QAL-13	VT-1	SS	0.000 0.000		Inspect Flg. Joint,Studs and Adj. area Per Req. for Relief ONS-011. Ref. Section 7 Paragraph 7.1.11 of the ISI Plan - Volume 1. RCP 3A2 Main Flange ; Each refueling outage the flange
G11.001.002	3RCP-3B1	OM-1201-1217 OFD-100A-3.1	QAL-13	VT-1	SS	0.000 0.000		Inspect Flg. Joint,Studs and Adj. area Per Req. for Relief ONS-011. Ref. Section 7 Paragraph 7.1.11 of the ISI Plan - Volume 1. RCP 3B1 Main Flange ; Each refueling outage the flange

Total G11.001 Items: 2

Total Category AUG Items: 2

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

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS A (CATEGORY B-P) REQUIREMENTS
FOR OUTAGE NUMBER 15

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
B15.050.001	SEE COMMENTS	N/A	LEAK	N/A	RC SYSTEM	VT-2	QAL-15	Drawings that make up the Class A Leakage Boundary: OFDL-100A-3.1/0, OFDL-100A-3.2/0, OFDL-100A-3.3/0, OFDL-101A-3.1/0, OFDL-101A-3.4/0, OFDL-101A-3.5/0, OFDL-102A-3.1/0, OFDL-102A-3.2/0, OFDL-102A-3.3/0, OFDL-110A-3.1/0, OFDL-110A-3.4/0, OFDL-127B-3.2/0

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS B (CATEGORY C-H) REQUIREMENTS
FOR OUTAGE NUMBER 15

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.001	OFDL-101A-3.1	00	INS/FUN	N/A	HPI SYSTEM	VT-2	QAL-15	Penetrations 6 and 7 - Test Pkg. #31L-300
C07.030.002	OFDL-101A-3.2	00	INSER	N/A	HPI SYSTEM	VT-2	QAL-15	Test Pkg. #32FRN-329
C07.030.003	OFDL-101A-3.3	00	INSER	N/A	HPI SYSTEM	VT-2	QAL-15	Test Pkg. #32F-331, #32F-332, #32FRN-342
C07.030.004	OFDL-101A-3.4	00	INS/FUN	N/A	HPI SYSTEM	VT-2	QAL-15	Penetrations 8, 9, 10, 23 and 52 - Test Pkg. #32S-324, #32FRN-342, #32FRN-326
C07.030.006	OFDL-102A-3.1	00	INS/FUN	N/A	LPI SYSTEM	VT-2	QAL-15	This test shall include VT-2 for Telltale hole of Item No. C02.033.001 - Test Pkg. #32F-331, #32F-332
C07.030.007	OFDL-102A-3.2	00	INS/FUN	N/A	LPI SYSTEM	VT-2	QAL-15	Penetrations 15 and 16 - Test Pkg. #32FRN-333, #32F-331, #32F-332
C07.030.008	OFDL-102A-3.3	00	FUNCT	N/A	LPI SYSTEM	VT-2	QAL-15	Penetrations 39 and 59 - Test Pkg. #32F-305, #32S-304
C07.030.017	OFDL-110A-3.1	00	INS/FUN	N/A	CA SYSTEM	VT-2	QAL-15	Penetrations 2 and 58 - Test Pkg. #32SRN-311
C07.030.022	OFDL-121B-3.3	00	INS/FUN	N/A	FDW SYSTEM	VT-2	QAL-15	Penetrations 25 and 27 - Test Pkg. #32SRN-311
C07.030.023	OFDL-121B-3.5	00	FUNCT	N/A	FDW SYSTEM	VT-2	QAL-15	Penetrations 4 and 43 - Test Pkg. #32SRN-311
C07.030.025	OFDL-121D-3.1	00	FUNCT	N/A	EFW SYSTEM	VT-2	QAL-15	Penetrations 17 and 50 - Test Pkg. #32SRN-311
C07.030.026	OFDL-122A-3.1	00	INSER	N/A	MS SYSTEM	VT-2	QAL-15	Penetrations 26 and 28 - Test Pkg. #32SRN-311
C07.030.027	OFDL-122A-3.2	00	INSER	N/A	MS SYSTEM	VT-2	QAL-15	Test Pkg. #32SRN-311

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS B (CATEGORY C-H) REQUIREMENTS
FOR OUTAGE NUMBER 15

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.028	OFDL-122A-3.3	00	INSER	N/A	MS SYSTEM	VT-2	QAL-15	Test Pkg. #32SRN-311
C07.030.029	OFDL-122A-3.4	00	INSER	N/A	MS SYSTEM	VT-2	QAL-15	Test Pkg. #32SRN-311
C07.030.030	OFDL-122B-3.1	00	INSER	N/A	MS SYSTEM	VT-2	QAL-15	Test Pkg. #32SRN-311
C07.030.031	OFDL-124B-3.2	00	FUNCT	N/A	LPSW SYSTEM	VT-2	QAL-15	Penetrations 30, 31, 32, 33, 34 and 35 - Test Pkg. #32S-320
C07.030.032	OFDL-124B-3.4	00	INSER	N/A	LPSW SYSTEM	VT-2	QAL-15	Penetrations 21 and 22 - Test Pkg. #32S-321

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS C (CATEGORY D-A) REQUIREMENTS
FOR OUTAGE NUMBER 15

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
D01.011.003	OFDL-101A-3.2	00	INSER	N/A	HPI SYSTEM	VT-2	QAL-15	Test Pkg. #32FRN-328
D01.011.013	OFDL-144A-3.2	00	INSER	N/A	CC SYSTEM	VT-2	QAL-15	Test Pkg. #33S-323

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS C (CATEGORY D-B) REQUIREMENTS
FOR OUTAGE NUMBER 15

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.005	OFDL-121B-3.3	00	FUNCT	N/A	FDW SYSTEM	VT-2	QAL-15	Test Pkg. #32SRN-311
D02.011.006	OFDL-121B-3.5	00	FUNCT	N/A	FDW SYSTEM	VT-2	QAL-15	Test Pkg. #32SRN-311
D02.011.007	OFDL-121D-3.1	00	FUNCT	N/A	EFW SYSTEM	VT-2	QAL-15	Test Pkg. #33FRN-316A, #33FRN-317A, #33FRN-318, #32SRN-311
D02.011.012	OFDL-124A-3.3	00	FUNCT	N/A	LPSW SYSTEM	VT-2	QAL-15	Test Pkg. #33FRN-338
D02.011.013	OFDH-124B-3.1	00	FUNCT	N/A	LPSW SYSTEM	VT-2	QAL-15	Test Pkg. #33S-339, #33S-340

5.0 Results Of Inspections Performed During Outage 15

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)	=	Y Yes N No
Comments	=	General and/or Detail Description

Plant: Oconee Unit 3

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B01.021.001	3-RPV-WH5	06/26/1995	CLR	76.75%	N	Limited inspection due to part geometry.
B01.030.001A	3-RPV-WR19	06/14/1995	CLR	---	N	
B01.040.001	3-RPV-WH7	06/26/1995	CLR	51.05%	N	Limited inspection due to part geometry.
B01.040.001A	3-RPV-WH7	06/26/1995	CLR	---	N	
B03.090.001A	3-RPV-WR13	01/26/1994	REC	47.60%	Y	Request for Relief 94-01 was submitted to documented the limited examination. Request for Relief ONS-006 addresses the intermediate exam for the first period
B03.090.002A	3-RPV-WR13A	01/26/1994	REC	47.60%	Y	Request for Relief 94-01 was submitted to documented the limited examination. Request for Relief ONS-006 addresses the intermediate exam for the first period
B03.100.001	3-RPV-WR13	01/23/1994	REC	---	Y	Request for Relief ONS-006 addresses the intermediate exam for the first period examination of the third interval for this nozzle weld.
B03.100.002	3-RPV-WR13A	01/24/1994	REC	---	Y	Request for Relief ONS-006 addresses the intermediate exam for the first period examination of the third interval for this nozzle weld.
B03.130.001	3-SGA-WG50-2	06/24/1995	REC	15.30%	Y	Amount loss due to part geometry. After reviewing previous data and plotting reflectors it was determined that indications were generic due to ID geometry.
B03.130.002	3-SGA-WG50-1	06/24/1995	REC	15.30%	Y	Amount loss due to part geometry. After reviewing previous data and plotting reflectors it was determined that indications were generic due to ID geometry.
B03.140.001	3-SGA-WG50-2	06/24/1995	CLR	80.00%	N	Due to part geometry 80% coverage obtained.
B03.140.002	3-SGA-WG50-1	06/24/1995	CLR	80.00%	N	Due to part geometry 80% coverage obtained.
B05.130.004	3-PIA1-7	06/25/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B05.130.004A	3-PIA1-7	06/25/1995	CLR	---	N	
B05.130.004B	3-PIA1-7	06/21/1995	CLR	---	N	
B05.130.008	3-PDA1-2	06/26/1995	CLR	---	N	
B05.130.008A	3-PDA1-2	06/26/1995	CLR	---	N	
B05.130.008B	3-PDA1-2	06/20/1995	CLR	---	N	
B05.140.004	3-PIB1-10	06/29/1995	CLR	---	N	
B06.010.036	3RPV-26-209-36	06/26/1995	CLR	---	N	
B06.010.037	3RPV-26-209-37	06/26/1995	CLR	---	N	
B06.010.038	3RPV-26-209-38	06/26/1995	CLR	---	N	
B06.010.039	3RPV-26-209-39	06/26/1995	CLR	---	N	
B06.010.040	3RPV-26-209-40	06/26/1995	CLR	---	N	
B06.010.041	3RPV-26-209-41	06/26/1995	CLR	---	N	
B06.010.042	3RPV-26-209-42	06/26/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B06.010.043	3RPV-26-209-43	06/26/1995	CLR	---	N	
B06.010.044	3RPV-26-209-69	06/26/1995	CLR	---	N	
B06.010.045	3RPV-26-209-45	06/26/1995	CLR	---	N	
B06.010.046	3RPV-26-209-46	06/26/1995	CLR	---	N	
B06.010.047	3RPV-26-209-47	06/26/1995	CLR	---	N	
B06.010.048	3RPV-26-209-48	06/26/1995	CLR	---	N	
B06.010.049	3RPV-26-209-49	06/26/1995	CLR	---	N	
B06.010.050	3RPV-26-209-50	06/26/1995	CLR	---	N	
B06.030.036	3RPV-25-209-36	06/23/1995	CLR	---	N	
B06.030.036A	3RPV-25-209-36	06/26/1995	CLR	---	N	
B06.030.037	3RPV-25-209-37	06/23/1995	CLR	---	N	
B06.030.037A	3RPV-25-209-37	06/26/1995	CLR	---	N	
B06.030.038	3RPV-25-209-38	06/23/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B06.030.038A	3RPV-25-209-38	06/26/1995	CLR	---	N	
B06.030.039	3RPV-25-209-39	06/23/1995	CLR	---	N	
B06.030.039A	3RPV-25-209-39	06/26/1995	CLR	---	N	
B06.030.040	3RPV-25-209-40	06/23/1995	CLR	---	N	
B06.030.040A	3RPV-25-209-40	06/26/1995	CLR	---	N	
B06.030.041	3RPV-25-209-41	06/23/1995	CLR	---	N	
B06.030.041A	3RPV-25-209-41	06/26/1995	CLR	---	N	
B06.030.042	3RPV-25-209-42	06/23/1995	CLR	---	N	
B06.030.042A	3RPV-25-209-42	06/26/1995	CLR	---	N	
B06.030.043	3RPV-25-209-43	06/23/1995	CLR	---	N	
B06.030.043A	3RPV-25-209-43	06/26/1995	CLR	---	N	
B06.030.044	3RPV-25-209-44	06/23/1995	CLR	---	N	
B06.030.044A	3RPV-25-209-44	06/26/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B06.030.045	3RPV-25-209-45	06/23/1995	CLR	---	N	
B06.030.045A	3RPV-25-209-45	06/26/1995	CLR	---	N	
B06.030.046	3RPV-25-209-46	06/23/1995	CLR	---	N	
B06.030.046A	3RPV-25-209-46	06/26/1995	CLR	---	N	
B06.030.047	3RPV-25-209-47	06/23/1995	CLR	---	N	
B06.030.047A	3RPV-25-209-47	06/26/1995	CLR	---	N	
B06.030.048	3RPV-25-209-48	06/23/1995	CLR	---	N	
B06.030.048A	3RPV-25-209-48	06/26/1995	CLR	---	N	
B06.030.049	3RPV-25-209-49	06/23/1995	CLR	---	N	
B06.030.049A	3RPV-25-209-49	06/26/1995	CLR	---	N	
B06.030.050	3RPV-25-209-50	06/23/1995	CLR	---	N	
B06.030.050A	3RPV-25-209-50	06/26/1995	CLR	---	N	
B06.040.001	3RPV LIGAMENTS	06/14/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B06.040.001A	3RPV LIGAMENTS	06/14/1995	CLR	---	N	
B06.050.001B	3RPV-WASH-BUSH	06/24/1995	CLR	---	N	Some pitting on bottom of bushing where it sits over stud hole in flange.
B06.180.006	3RCP-3A2-S	06/20/1995	CLR	---	N	
B06.200.005	3RCP-3A2-NUTS	06/15/1995	CLR	---	N	
B07.030.001	3SGA-UMW-BOLTS	06/20/1995	CLR	---	N	
B09.011.005	3-PIA1-1	06/24/1995	CLR	100.0%	N	Limitation was due to nozzle configuration. However, 100% of examination volume was obtained.
B09.011.005A	3-PIA1-1	06/24/1995	CLR	---	N	
B09.011.007	3-PIA1-8	06/25/1995	CLR	100.0%	N	No scan was performed due to pump configuration. 100% coverage obtained by using a combination of 60 degree shear wave, 60 degree L wave and skewing the
B09.011.007A	3-PIA1-8	06/21/1995	CLR	---	N	
B09.011.009	3-PIA2-4	06/16/1995	CLR	---	N	Inspected with B09.012.003 and B09.012.004.
B09.011.009A	3-PIA2-4	06/16/1995	CLR	---	N	
B09.011.012	3-PIB1-4	06/16/1995	CLR	---	N	Inspected with B09.012.005 and B09.012.006
B09.011.012A	3-PIB1-4	06/16/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B09.011.015	3-PIB2-4	06/16/1995	CLR	---	N	Inspected with B012.007 and B09.012.008.
B09.011.015A	3-PIB2-4	06/16/1995	CLR	---	N	
B09.011.035	3-51A-63-3	06/29/1995	REC	100.0%	Y	No scan from the valve side. However, 100% examination coverage was obtained from the pipe side. After plotting data and reviewing radiographs, it was
B09.011.035A	3-51A-63-3	07/04/1995	CLR	---	N	
B09.011.037	3-53A-15-33	06/27/1995	CLR	---	N	
B09.011.037A	3-53A-15-33	06/26/1995	CLR	---	N	
B09.011.038	3-53A-15-34	06/27/1995	CLR	---	N	
B09.011.038A	3-53A-15-34	06/26/1995	CLR	---	N	
B09.011.039	3-53A-15-35	06/27/1995	CLR	---	N	
B09.011.039A	3-53A-15-35	06/21/1995	CLR	---	N	
B09.012.003	3-PIA2-62LI	06/16/1995	CLR	---	N	Inspected with B09.011.009 and B09.012.004.
B09.012.003A	3-PIA2-62LI	06/16/1995	CLR	---	N	
B09.012.004	3-PIA2-62LO	06/16/1995	CLR	---	N	Inspected with B09.011.009 and B09.012.003.

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B09.012.004A	3-PIA2-62LO	06/16/1995	CLR	---	N	
B09.012.005	3-PIB1-62LI	06/16/1995	CLR	---	N	Inspected with B09.011.012 and B09.012.006.
B09.012.005A	3-PIB1-62LI	06/16/1995	CLR	---	N	
B09.012.006	3-PIB1-62LO	06/16/1995	CLR	---	N	Inspected with B09.011.012 and B09.012.005.
B09.012.006A	3-PIB1-62LO	06/16/1995	CLR	---	N	
B09.012.007	3-PIB2-62LI	06/16/1995	CLR	---	N	Inspected with B09.011.015 and B09.012.008.
B09.012.007A	3-PIB2-62LI	06/16/1995	CLR	---	N	
B09.012.008	3-PIB2-62LO	06/16/1995	CLR	---	N	Inspected with B09.011.015 and B09.012.007.
B09.012.008A	3-PIB2-62LO	06/16/1995	CLR	---	N	
B09.012.009	3-PDA1-53LI	06/23/1995	CLR	---	N	
B09.012.009A	3-PDA1-53LI	06/20/1995	CLR	---	N	
B09.012.010	3-PDA1-53LO	06/22/1995	REC	---	N	Acceptance standard - 1969 ANSI B31.7 Appendix B-2-160. Indication greater .75" for T over 2 .25" are acceptable. Recorded indications were .75" and .65"
B09.012.010A	3-PDA1-53LO	06/20/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B09.021.001	3-50-152-18A	06/21/1995	CLR	---	N	
B09.021.004	3-50-21-3	06/21/1995	CLR	---	N	
B09.021.007	3-50-45-1	06/28/1995	CLR	---	N	
B09.021.010	3-PSP-14	06/28/1995	CLR	---	N	
B09.021.038	3-51A-63-12A	06/29/1995	CLR	---	N	
B09.021.040	3-51A-63-18A	06/29/1995	CLR	---	N	
B09.021.043	3-51A-63-33	06/26/1995	CLR	---	N	
B09.021.044	3-51A-63-35	06/29/1995	CLR	---	N	
B09.021.057	3-51A-69-67	06/27/1995	CLR	---	N	
B09.021.058	3-51A-69-68	06/27/1995	CLR	---	N	
B09.021.061	3-51A-69-73	06/27/1995	CLR	---	N	
B09.021.062	3-53A-37-2	06/29/1995	CLR	---	N	
B09.032.001	3-PIA1-10	06/29/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
B09.032.004	3-PDA1-10	06/28/1995	CLR	---	N	
B09.040.001	3-50-152-10	06/21/1995	CLR	---	N	
B12.050.001	3-53A-CF-11	06/23/1995	CLR	---	N	
B12.050.004	3-53A-CF-14	06/24/1995	CLR	---	N	
B12.050.005	3-53A-LP-47	06/21/1995	CLR	---	N	
B12.050.008	3-53A-LP-2	06/22/1995	CLR	---	N	
B14.010.006	3RPV-CRD-62WH60	06/22/1995	CLR	---	N	
B14.010.007	3RPV-CRD-62	06/22/1995	CLR	---	N	
B14.010.008	3RPV-CRD-62W61	06/22/1995	CLR	---	N	
C01.010.003	3-SGA-WG8-3	06/28/1995	REC	90.00%	Y	Physical limitations only. Use of improved technique and updated procedures a "near surface examination was done consisting of a 70 degree shear wave
C01.010.004	3-SGA-WG8-4	06/28/1995	REC	90.00%	Y	Physical limitations only. Use of improved technique and updated procedures a "near surface examination was done consisting of a 70 degree shear wave
C02.021.001	3-SGA-WG23-2	06/25/1995	CLR	99.13%	N	Limited area = .87" past weld radius blend area, shell side using 45 degree transducer.
C02.021.001A	3-SGA-WG23-2	06/20/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
C02.021.002	3-SGB-WG23-1	06/20/1995	CLR	99.13%	N	Limited area = .87" past weld radius blend area, shell side.
C02.021.002A	3-SGB-WG23-1	06/20/1995	CLR	---	N	
C02.022.001	3-SGA-WG23-2	06/20/1995	CLR	---	N	
C02.022.002	3-SGB-WG23-1	06/20/1995	CLR	---	N	
C03.020.036	3-54A-H52	04/26/1995	CLR	---	N	
C03.020.037	3-54A-SR7	05/08/1995	CLR	---	N	
C05.011.004	3-53A-15-92	05/02/1995	REC	---	Y	After taking a profile and thickness reading, plotting the UT data and reviewing the radiographic film, it was determined that the indication was the ID geometry due
C05.011.004A	3-53A-15-92	05/02/1995	CLR	---	N	
C05.011.010	3-53A-24-8	06/28/1995	CLR	---	N	
C05.011.010A	3-53A-24-8	06/27/1995	CLR	---	N	
C05.011.011	3-53A-24-9	06/21/1995	CLR	---	N	
C05.011.011A	3-53A-24-9	06/17/1995	CLR	---	N	
C05.021.001	3-51A-101-1	06/30/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
C05.021.001A	3-51A-101-1	06/30/1995	CLR	---	N	
C05.021.010	3-51A-118-31	04/26/1995	CLR	---	N	
C05.021.010A	3-51A-118-31	04/26/1995	CLR	---	N	
C05.021.020	3-51A-120-8	04/26/1995	CLR	---	N	
C05.021.020A	3-51A-120-8	04/26/1995	CLR	---	N	
C05.021.028	3-51A-141-20	07/04/1995	CLR	---	N	
C05.021.028A	3-51A-141-20	06/28/1995	CLR	---	N	
C05.021.028A	3-51A-141-20	07/04/1995	CLR	---	N	
C05.021.037	3-51A-52-39	06/30/1995	CLR	---	N	
C05.021.037A	3-51A-52-39	06/30/1995	CLR	---	N	
C05.021.038	3-51A-52-40	06/30/1995	CLR	---	N	
C05.021.038A	3-51A-52-40	06/30/1995	CLR	---	N	
C05.021.047	3-51A-59-6	06/21/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
C05.021.047A	3-51A-59-6	06/17/1995	CLR	---	N	
C05.021.052	3-51A-66-9C	05/02/1995	CLR	---	N	
C05.021.052A	3-51A-66-9C	05/02/1995	CLR	---	N	
C05.021.060	3-51A-87-25	06/21/1995	REC	---	Y	After plotting data and reviewing radiographs, it was determined that indications were geometric reflectors due to root geometry.
C05.021.060A	3-51A-87-25	06/20/1995	CLR	---	N	
C05.021.070	3-RCP-FTR3B-SH-1	06/30/1995	CLR	---	N	
C05.021.070A	3-RCP-FTR3B-SH-1	06/20/1995	CLR	---	N	
C05.021.071	3-RCP-FTR3B-SH-2	06/29/1995	CLR	---	N	
C05.021.071A	3-RCP-FTR3B-SH-2	06/20/1995	CLR	---	N	
C05.030.001	3-BWST-OUT-2	05/08/1995	CLR	---	N	
C05.051.011	3-01A-23-9	06/18/1995	CLR	---	N	
C05.051.011A	3-01A-23-9	06/28/1995	CLR	---	N	
C05.051.013	3-01A-24-8	06/25/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
C05.051.013A	3-01A-24-8	06/28/1995	CLR	---	N	
C05.051.021	3-03-31-16A	06/29/1995	CLR	---	N	
C05.051.021A	3-03-31-16A	06/30/1995	CLR	---	N	
C05.051.023	3-03A-147-16	06/25/1995	CLR	---	N	
C05.051.023A	3-03A-147-16	06/29/1995	CLR	---	N	
C05.051.027	3-14B-116-16	06/30/1995	CLR	---	N	
C05.051.027A	3-14B-116-16	06/30/1995	CLR	---	N	
C05.051.041	3-14B-119-56	06/30/1995	REC	---	Y	Indication was determined to be weld root geometry based on detailed ID profile and plot.
C05.051.041A	3-14B-119-56	06/30/1995	CLR	---	N	
C05.081.001	3-MS22A-E	07/10/1995	CLR	---	N	
C06.020.001	3-FDW-345	07/04/1995	CLR	---	N	
D02.020.006	3-01A-LC-1603	04/20/1995	CLR	---	N	Inspected with F01.031.001
D02.020.008	3-01A-R7	06/14/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
D02.020.009	3-03-H54	04/10/1995	CLR	---	N	Inspected with F01.030.002
D02.020.010	3-03-H6195	06/15/1995	CLR	---	N	
D02.020.016	3-03A-DE070	04/20/1995	CLR	---	N	
D02.020.023	3-03A-H126	05/09/1995	CLR	---	N	Inspected with F01.030.012
D02.020.024	3-03A-H13	04/17/1995	CLR	---	N	Inspected with F01.030.013
D02.020.027	3-03A-H137	04/11/1995	CLR	---	N	Inspected with F01.030.016
D02.020.034	3-03A-H2A	06/14/1995	CLR	---	N	
D02.020.041	3-03A-SR163	06/14/1995	CLR	---	N	
D02.020.065	3-03A-SR134	04/18/1995	CLR	---	N	
D02.020.075	3-03A-SR153	04/20/1995	CLR	---	N	
D02.020.079	3-03A-SR189	05/11/1995	CLR	---	N	
D02.020.080	3-03A-SR19	06/14/1995	CLR	---	N	
D02.020.087	3-03A-SR9	04/05/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
D02.020.088	3-04A-H17	04/11/1995	CLR	---	N	
D02.020.089	3-04A-H19	04/19/1995	REC	---	N	Item 1 not welded IAW hanger sketch. After evaluation it was determined that this discrepancy is not service induced. Therefore the support is acceptable for
D02.020.092	3-04A-SR4	04/17/1995	CLR	---	N	Inspected with F01.030.019
D02.020.104	3-14B-DE007	04/20/1995	CLR	---	N	Inspected with F01.030.028
D02.020.106	3-14B-DE019	04/19/1995	CLR	---	N	Inspected with F01.030.029
D02.020.107	3-14B-DE033	04/17/1995	CLR	---	N	Inspected with F01.030.030
D02.020.108	3-14B-DE043	04/17/1995	CLR	---	N	Inspected with F01.030.031
D02.020.109	3-14B-DE044	04/17/1995	CLR	---	N	Inspected with F01.030.032
D02.040.011	3-03A-H187	05/09/1995	CLR	---	N	
D02.040.015	3-03A-H52	04/19/1995	CLR	---	N	Inspected with F01.032.007
D02.040.020	3-07A-H4	04/05/1995	CLR	---	N	
D02.040.021	3-07A-H44	04/05/1995	CLR	---	N	
D02.040.023	3-07A-H7	04/20/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
D02.040.032	3-14B-H13	04/19/1995	CLR	---	N	
D02.040.033	3-14B-H14	05/09/1995	CLR	---	N	
D02.040.034	3-14B-H16	04/11/1995	CLR	---	N	
D03.020.001	3-56-H2	04/19/1995	CLR	---	N	Inspected with F01.030.034
D03.020.002	3-56-SR102	04/19/1995	CLR	---	N	
D03.020.003	3-56-SR110	04/19/1995	CLR	---	N	Inspected with F01.030.036
F01.010.004	3-51A-H5A	06/14/1995	CLR	---	N	
F01.011.005	3-53A-H24C	06/15/1995	CLR	---	N	
F01.012.004	3-51A-H11A	06/14/1995	REC	---	N	Cable mounted to hgr. rod eye. This is not shown on hgr. sketch. After evaluation it was determined that this discrepancy is not service induced. Therefore, the
F01.020.003	3-03-H5A	06/14/1995	CLR	---	N	
F01.020.005	3-14B-WM-1001	06/14/1995	CLR	---	N	
F01.020.006	3-14B-H11F	06/21/1995	CLR	---	N	
F01.020.007	3-14B-H16A	06/24/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.020.008	3-51A-DE030	06/14/1995	CLR	---	N	
F01.020.013	3-51A-H17C	06/14/1995	CLR	---	N	
F01.020.014	3-51A-H240	04/10/1995	REC	---	N	Item #3 not installed on center line of support; no threads visible through sight hole on bottom of strut. After evaluation it was determined that this discrepancy
F01.020.015	3-51A-H241	04/10/1995	CLR	---	N	
F01.020.016	3-51A-H314	04/10/1995	REC	---	N	Load bolt on the pipe clamp is loose; the spacers are missing on the load bolt; the sway strut does not have a sight hole on the west end to verify thread engagement.
F01.020.017	3-51A-RJ-1000	06/14/1995	CLR	---	N	
F01.020.031	3-54A-H46	06/14/1995	CLR	---	N	
F01.020.039	3-56-H14	06/30/1995	CLR	---	N	
F01.022.017	3-54A-SR7	04/26/1995	CLR	---	N	
F01.030.002	3-03-H54	04/10/1995	CLR	---	N	Inspected with D02.020.009
F01.030.012	3-03A-H126	05/09/1995	CLR	---	N	Inspected with D02.020.023
F01.030.013	3-03A-H13	04/17/1995	CLR	---	N	Inspected with D02.020.024
F01.030.016	3-03A-H137	04/11/1995	CLR	---	N	Inspected with D02.020.027

Plant: Oconee Unit 3

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.030.019	3-04A-SR4	04/17/1995	CLR	---	N	
F01.030.027	3-08-H10	04/05/1995	CLR	---	N	
F01.030.028	3-14B-DE007	04/20/1995	CLR	---	N	Inspected with D02.020.104
F01.030.029	3-14B-DE019	04/19/1995	CLR	---	N	Inspected with D02.020.106
F01.030.030	3-14B-DE033	04/17/1995	CLR	---	N	Inspected with D02.020.107
F01.030.031	3-14B-DE043	04/17/1995	CLR	---	N	Inspected with D02.020.108
F01.030.032	3-14B-DE044	04/17/1995	CLR	---	N	Inspected with D02.020.109
F01.030.034	3-56-H2	04/19/1995	CLR	---	N	Inspected with D03.020.001
F01.030.035	3-56-SR102	04/19/1995	REC	---	N	Clearance greater than 1/8". Civil Engineering review has found this support to be acceptable for service. Work request 95028562 was written to shim gap. P A
F01.030.036	3-56-SR110	04/19/1995	CLR	---	N	Inspected with D03.020.003
F01.031.001	3-01A-LC-1603	04/20/1995	CLR	---	N	Inspected with D02.020.006
F01.032.007	3-03A-H52	04/10/1995	CLR	---	N	Inspected with D02.040.015
F01.040.004	3-LDCA-SUPPORT	06/21/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.040.005	3-DHRC-A-SUPPORT	06/28/1995	REC	---	N	Grout on the south support is cracked. Review has found this support to be acceptable for service. The discrepancy was determined to be not significant & no
F01.050.001	3-03-SR3	04/26/1995	CLR	---	N	
F01.050.002	3-NPS-03-H28	06/15/1995	CLR	---	N	
F01.050.003	3-53-H3	06/30/1995	REC	---	N	Leaking cylinder. Snubber was .75 full. Excess oil was wiped off of snubber. Later inspection showed no further leakage. Snubber O.K. FWLinsley 7/11/95
F01.050.004	3-56-H10	06/13/1995	REC	---	N	Actual piston setting out of tolerance. Per Sect. 9.2 of Spec. OS-0027-00-00-0002 Rev. 17 this setting is acceptable. TJC 7/3/95
F01.050.005	3-50-H12	06/21/1995	CLR	---	N	
F01.050.006	3-50-H1A	06/15/1995	CLR	---	N	
F01.050.007	3-50-H2A	06/15/1995	CLR	---	N	
F01.050.008	3-50-H3A	06/11/1995	CLR	---	N	
F01.050.009	3-51A-H2A	06/15/1995	CLR	---	N	
F01.050.010	3-03-H6B	06/15/1995	CLR	---	N	
F01.050.011	3-03-H7A	06/15/1995	CLR	---	N	
F01.050.012	3-50-H10	06/15/1995	CLR	---	N	

Plant: Oconee Unit 3

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.050.013	3-50-H11	06/15/1995	CLR	---	N	
F01.050.014	3-50-H8	06/15/1995	CLR	---	N	
F01.050.015	3-50-H9	06/15/1995	CLR	---	N	
F01.050.016	3-50-H1	06/15/1995	CLR	---	N	
F01.050.017	3-50-H3	06/15/1995	CLR	---	N	
F01.050.018	3-57-H13A	06/10/1995	CLR	---	N	
F01.050.019	3-57-H15	06/15/1995	CLR	---	N	
F01.050.020	3-57-H16	06/15/1995	REC	---	N	Per Section 9.2 of Specification OS-0027.00-00-0002 revision 17, this setting is acceptable. TJC 6/20/95
F01.050.021	3-57-H17	06/15/1995	REC	---	N	Per Section 9.2 of Specification OS-0027.00-00-0002 revision 17, this setting is acceptable. TJC 6/20/95
F01.050.022	3-57-H20	06/15/1995	REC	---	N	Per Section 9.2 of Specification OS-0027.00-00-0002 revision 17, this setting is acceptable TJC 6/20/95
F01.050.023	3-57-H21	06/15/1995	CLR	---	N	
F01.050.024	3-57-H23	06/15/1995	CLR	---	N	
F01.050.025	3-57-H25	06/15/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.050.026	3-57-H7	06/15/1995	CLR	---	N	
F01.050.027	3-57-H9	06/15/1995	CLR	---	N	
F01.050.028	3-01A-H2A	06/15/1995	CLR	---	N	
F01.050.029	3-01A-H2B	07/03/1995	CLR	---	N	
F01.050.030	3-01A-H8A	06/15/1995	CLR	---	N	
F01.050.031	3-01A-H8B	06/11/1995	CLR	---	N	
F01.050.032	3-03A-SR103PO	05/23/1995	CLR	---	N	
F01.050.033	3-03A-SR104PO	05/23/1995	CLR	---	N	
F01.050.034	3-03A-SR100PO	04/26/1995	CLR	---	N	
F01.050.035	3-03A-SR101PO	04/26/1995	CLR	---	N	
F01.050.036	3-03A-SR102PO	04/26/1995	CLR	---	N	
F01.050.037	3-56-SR107	04/24/1995	CLR	---	N	
F01.050.038	3-56-SR109	04/24/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.050.039	3-56-SR112	04/24/1995	CLR	---	N	
F01.050.040	3-56-SR116	04/24/1995	CLR	---	N	
F01.050.041	3-56-SR119	04/24/1995	CLR	---	N	
F01.050.042	3-51A-SR14	05/31/1995	CLR	---	N	
F01.050.043	3-01A-R10	04/26/1995	CLR	---	N	
F01.050.044	3-01A-R12	04/26/1995	REC	---	N	Per Section 9.2 of Specification OS-0027.00-00-0002 revision 17, this setting is acceptable. The suppressor had a cold setting of 2" on 6/12/95. TJC 6/12/95
F01.050.045	3-01A-R9	04/26/1995	CLR	---	N	
F01.050.046	3-53B-SR22	04/26/1995	CLR	---	N	
F01.050.047	3-54A-SR22	04/26/1995	CLR	---	N	
F01.050.049	3-54A-SR14	04/26/1995	CLR	---	N	
F01.050.049	3-54A-SR14	04/27/1995	CLR	---	N	
F01.050.050	3-01A-R4	05/23/1995	REC	---	N	At the time the piping possibly was out of service but had enough thermal conductivity to have a piston setting of 6 1/8". The cold setting at refueling on 6/12/95 was
F01.050.051	3-01A-R8	05/23/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.050.052	3-01A-R12	05/23/1995	REC	---	N	This piping is normally out of service, thermal conductivity make the piping hot to the touch. Past inspections and a cold setting of 4 1/4" at refueling on
F01.050.053	3-01A-R11	05/23/1995	REC	---	N	This piping is normally out of service, thermal conductivity makes the piping hot to the touch. Past inspections and a cold setting of 1 13/16" on 6/12/95
F01.050.054	3-01A-R4	05/23/1995	CLR	---	N	
F01.050.055	3-53B-SR32	05/31/1995	CLR	---	N	
F01.050.056	3-53B-SR33	05/31/1995	CLR	---	N	
F01.050.057	3-53B-SR38	04/26/1995	CLR	---	N	
F01.050.058	3-53B-SR39	04/26/1995	CLR	---	N	
F01.050.059	3-13-SR1	05/23/1995	CLR	---	N	
F01.050.060	3-13-SR3	05/23/1995	CLR	---	N	
F01.050.061	3-13-SR4	05/23/1995	CLR	---	N	
F01.050.062	3-07A-DE027	05/23/1995	CLR	---	N	
F01.050.063	3-03-DE001	04/26/1995	CLR	---	N	
F01.050.064	3-03-SR1	04/26/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.050.065	3-03-SR10	04/26/1995	REC	---	N	Hot setting is 3 1/2". Per Sect. 9.2 of Spec. OS-0027.00-00-0002 Rev. 17. This is setting is acceptable. TJC6/6/95
F01.050.066	3-03-SR11	04/26/1995	CLR	---	N	
F01.050.067	3-03-SR2	04/26/1995	CLR	---	N	
F01.050.068	3-03A-DE054	04/26/1995	REC	---	N	Not in service at time of inspection. Thermal conductivity caused movement. A cold setting of 3 1/16" was obtained during cold shut down for refueling. TJC
F01.050.069	3-02A-DE016	05/23/1995	CLR	---	N	
F01.050.070	3-03A-DE053	05/23/1995	REC	---	N	Per Sect. 9.2 of Spec. OS-0027.00-00-0002 rev. 17, this setting is acceptable. TJC 6/6/95
F01.050.071	3-53B-DE013	04/26/1995	CLR	---	N	
F01.050.072	3-56-DE005	04/24/1995	CLR	---	N	
F01.050.073	3-56-DE007	04/24/1995	CLR	---	N	
F01.050.074	3-53B-DE008	04/27/1995	CLR	---	N	
F01.050.075	3-56-DE008	05/31/1995	CLR	---	N	
F01.050.076	3-03-H6034	06/15/1995	CLR	---	N	
F01.050.077	3-03-H6036	06/15/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.050.078	3-03-H6038	06/15/1995	CLR	---	N	
F01.050.079	3-03-H6187	06/10/1995	CLR	---	N	
F01.050.080	3-57-NWIZ	06/11/1995	CLR	---	N	
F01.050.081	3-50-H7	06/15/1995	CLR	---	N	
F01.050.082	3-03A-H204	05/23/1995	CLR	---	N	
F01.050.083	3-03A-SR33	04/26/1995	CLR	---	N	
F01.050.084	3-51A-H308	04/27/1995	CLR	---	N	
F01.050.085	3-51A-H309	04/27/1995	CLR	---	N	
F01.050.086	3-51A-H294	04/27/1995	CLR	---	N	
F01.050.087	3-51A-H304	04/27/1995	CLR	---	N	
F01.050.088	3-51A-H318	05/23/1995	CLR	---	N	
F01.050.089	3-01A-R13	04/26/1995	CLR	---	N	
F01.050.090	3-53B-SR46	05/31/1995	CLR	---	N	

ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.050.091	3-54A-R1000	05/31/1995	CLR	---	N	
F01.050.092	3-54A-R1001	04/26/1995	CLR	---	N	
F01.050.093	3-54A-SR23	05/31/1995	CLR	---	N	
F01.050.094	3-51B-H62	06/19/1995	CLR	---	N	
F01.050.095	3-54A-SR12	04/27/1995	CLR	---	N	
F01.050.096	3-01A-R10	05/23/1995	REC	---	N	This piping is normally out of service, thermal conductivity causes a setting between hot & cold to exist. A cold setting of 5 1/2" on 6/12/95 during cold
F01.050.097	3-01A-R6	05/23/1995	REC	---	N	This piping is normally out of service, thermal conductivity causes a setting between hot & cold setting. A cold setting of 6 3/4" at shutdown on 6/12/95
F01.050.098	3-01A-R9	05/23/1995	CLR	---	N	
F01.050.099	3-01A-R3	05/23/1995	REC	---	N	Per Sect. 9.2 of Spec. OS-0027.00-00-0002 rev. 17, this setting is acceptable. TJC 6/6/95
F01.050.100	3-07A-H70	05/23/1995	CLR	---	N	
F01.050.101	3-07A-H71	05/23/1995	CLR	---	N	
F01.050.102	3-07A-H72	05/23/1995	CLR	---	N	
F01.050.103	3-07A-H74	05/23/1995	REC	---	N	Per Sect. 9.2 of Spec. OS-0027.00-00-0002 rev. 17, this setting is acceptable. TJC 6/6/95

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
F01.050.104	3-07A-DE031	04/26/1995	REC	---	N	Suppressor was checked during cold shut down on 6/15/95 and the cold setting was at 3 1/16". TJC 6/15/95
F01.050.105	3-13-DE002	05/23/1995	CLR	---	N	
F01.050.106	3-53B-SR31	04/24/1995	CLR	---	N	
G01.001.001	3-RCP-3A1	06/13/1995	CLR	0.00%	N	
G01.001.002	3-RCP-3A2	06/13/1995	CLR	0.00%	N	
G01.001.003	3-RCP-3B1	06/14/1995	CLR	0.00%	N	
G01.001.004	3-RCP-3B2	06/14/1995	CLR	0.00%	N	
G04.001.001	3-51A-61-43	06/19/1995	CLR	0.00%	N	Limited due to configuration of valve. However, 100% of examination volume was obtained by use of multiple angles and 60 degree L wave.
G04.001.003	3-51A-61-44A	06/19/1995	CLR	0.00%	N	Limited due to configuration of valve. However, 100% of examination volume was obtained by use of multiple angles and 60 degree L wave.
G04.001.005	3-51A-62-26	06/19/1995	CLR	0.00%	N	Limited due to configuration of valve. However, 100% of examination volume was obtained by use of multiple angles and 60 degree L wave.
G09.001.003	3-51A-50-68	07/03/1995	CLR	---	N	
G09.001.022	3-53B-51-23	05/09/1995	CLR	---	N	
G09.001.023	3-54A-10-14	05/09/1995	CLR	---	N	

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ITEM NUMBER	ID NUMBER	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	COMMENTS
G11.001.001	3RCP-3A2	06/15/1995	CLR	---	N	There was oil, build-up of small particles and light rust where the studs screw into pump casing. There was no accumulation of boron or apparent degradation.
G11.001.002	3RCP-3B1	06/15/1995	CLR	---	N	There was oil, build up of small particles and light rust where studs screw into pump casing. There was no accumulation of boron or apparent degradation.

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
Status	=	Clear, Recordable or Reportable
Comments	=	General and/or Detail Description

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS A (CATEGORY B-P) LEAKAGE TEST RESULTS

ITEM NUMBER: B15.050.001

OUTAGE NUMBER	EXAMINATION DATE	STATUS:	RESULTS
EOC # 15	07/17/95	COMPLETE	RECORDABLE
EOC # 16	/ /	N/A	NOT TESTED
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

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS B (CATEGORY C-H) RESULTS
THROUGH OUTAGE NUMBER 15

		1ST PERIOD			2ND PERIOD			3RD PERIOD		
ITEM NO.	DRAWING	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS
C07.030.001	OFDL-101A-3.1	07/17/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.002	OFDL-101A-3.2	07/14/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT TESTED	N/A
C07.030.003	OFDL-101A-3.3	07/16/95	PARTIAL	RECORDABLE	/ /	NOT TESTED	N/A	/ /	NOT TESTED	N/A
C07.030.004	OFDL-101A-3.4	07/16/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.006	OFDL-102A-3.1	07/12/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT TESTED	N/A
C07.030.007	OFDL-102A-3.2	07/12/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT TESTED	N/A
C07.030.008	OFDL-102A-3.3	07/17/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.017	OFDL-110A-3.1	07/17/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.022	OFDL-121B-3.3	07/17/95	COMPLETE	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.023	OFDL-121B-3.5	07/17/95	PARTIAL	RECORDABLE	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.025	OFDL-121D-3.1	07/17/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.026	OFDL-122A-3.1	07/17/95	COMPLETE	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.027	OFDL-122A-3.2	07/17/95	COMPLETE	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.028	OFDL-122A-3.3	07/17/95	COMPLETE	RECORDABLE	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS B (CATEGORY C-H) RESULTS
THROUGH OUTAGE NUMBER 15

ITEM NO.	DRAWING	1ST PERIOD EXAM. DATE	1ST PERIOD STATUS	1ST PERIOD RESULTS	2ND PERIOD EXAM. DATE	2ND PERIOD STATUS	2ND PERIOD RESULTS	3RD PERIOD EXAM. DATE	3RD PERIOD STATUS	3RD PERIOD RESULTS
C07.030.029	OFDL-122A-3.4	07/17/95	COMPLETE	RECORDABLE	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.030	OFDL-122B-3.1	07/17/95	COMPLETE	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.031	OFDL-124B-3.2	07/15/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
C07.030.032	OFDL-124B-3.4	07/17/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS C (CATEGORY D-A) RESULTS
THROUGH OUTAGE NUMBER 15

		1ST PERIOD			2ND PERIOD			3RD PERIOD		
ITEM NO.	DRAWING	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS
D01.011.003	OFDL-101A-3.2	07/08/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
D01.011.013	OFDL-144A-3.2	06/08/95	COMPLETE	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A

OCONEE UNIT NUMBER 3 - 3rd INTERVAL
CLASS C (CATEGORY D-B) RESULTS
THROUGH OUTAGE NUMBER 15

		1ST PERIOD			2ND PERIOD			3RD PERIOD		
ITEM NO.	DRAWING	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS
D02.011.005	OFDL-121B-3.3	07/17/95	COMPLETE	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
D02.011.006	OFDL-121B-3.5	07/17/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
D02.011.007	OFDL-121D-3.1	07/17/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
D02.011.012	OFDL-124A-3.3	07/15/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A
D02.011.013	OFDH-124B-3.1	06/08/95	PARTIAL	CLEAR	/ /	NOT TESTED	N/A	/ /	NOT REQUIRED	N/A

5.2 Limited examinations (i.e., less than 90% of the required examination coverage obtained) identified during Outage 15 are shown below. A copy of the Request for Relief is contained in Section 9.0 of this report

Item Number	***Request for Relief Serial Number***
B01.021.001	95-04
B01.040.001	95-04
B03.130.001	95-04
B03.130.002	95-04
B03.140.001	95-04
B03.140.002	95-04

6.0 Reportable Indications

Outage 15 had no reportable indications.

7.0 Personnel, Equipment and Material Certifications

All personnel who performed or evaluated the results of inservice inspections from February 24, 1994 to July 17, 1995 at Oconee Nuclear Station, Unit 3, 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.

8.0 Corrective Action

No corrective action was required as a result of examinations performed during Outage 15.

9.0 Reference Documents

The following reference documents apply to the inservice inspection performed during Outage 15 at Oconee 3.

Duke Power Company Request for Relief ONS-005

Duke Power Company Request for Relief ONS-006

Duke Power Company Request for Relief ONS-008

Duke Power Company Request for Relief ONS-011

Duke Power Company Request for Relief 94-01

Duke Power Company Request for Relief 95-02

Duke Power Company Request for Relief 95-04

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:

Control Rod Drive Mechanism (CRDM) Motor Tube To Nozzle Pressure Retaining Bolting. Diamond Power Dwg. 7032551058-D (Attachment "A")

Oconee 1

Item No.	ID No.
B07.080.001	1-RPV-CRD-BOLTS

Oconee 2

Item No.	ID No.
B07.080.001	2-RPV-CRD-BOLTS

Oconee 3

Item No.	ID No.
B07.080.001	3-RPV-CRD-BOLTS
B07.080.002	3-RPV-CRD-RINGS

b. Function:

To secure the motor tube to the reactor vessel and to seal off the RCS to prevent leakage.

c. ASME Section XI Code Class:

Class 1

d. Construction Code and Class (If Applicable):

N/A

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 paragraph IWB-2500 Item Number B07.80 requires CRDM bolting material to undergo VT-1 visual examination when disassembled. The intent of this code requirement is to assure the disassembled bolting material is acceptable for re-use and to increase confidence that there is not a generic problem occurring that should be further investigated through additional inspections.

III. Basis for Requesting Relief:

Per Oconee Nuclear Station policy, CRDM bolting material removed due to exposure to RCS leakage is not re-used because the excessive boron deposit degradation makes it unsuitable for further use. It is replaced during maintenance for flange leakage by new material that has a pre-service examination performed on it prior to installation. The boron deposit degradation makes it virtually impossible to perform a meaningful inservice inspection. As a result, Table IWB-2500-1 Item Number B7.80 requirements for VT-1 examination of bolting material when CRDMs are disassembled due to RCS leakage indications (see attachment " A") are unnecessary since the material will not be re-used and is in no condition to disclose any possible generic problems. In addition, VT-1 examination of the bolting material which will not be re-used involves significant unnecessary radiation exposure to personnel.

IV. Alternate Examination:

During each refueling outage all CRDM flanges will be visually examined per station procedures for evidence of leakage in compliance with the Oconee Nuclear Station response to the NRC Generic Letter 85-005 and IE Bulletin 82-02. Corrective action (including replacement of affected bolting) will be based upon the results of those examinations. Inspection of bolting material during CRDM maintenance not associated with flange leakage will be performed in accordance with the requirements of Table IWB-2500-1 Item Number B7.80.

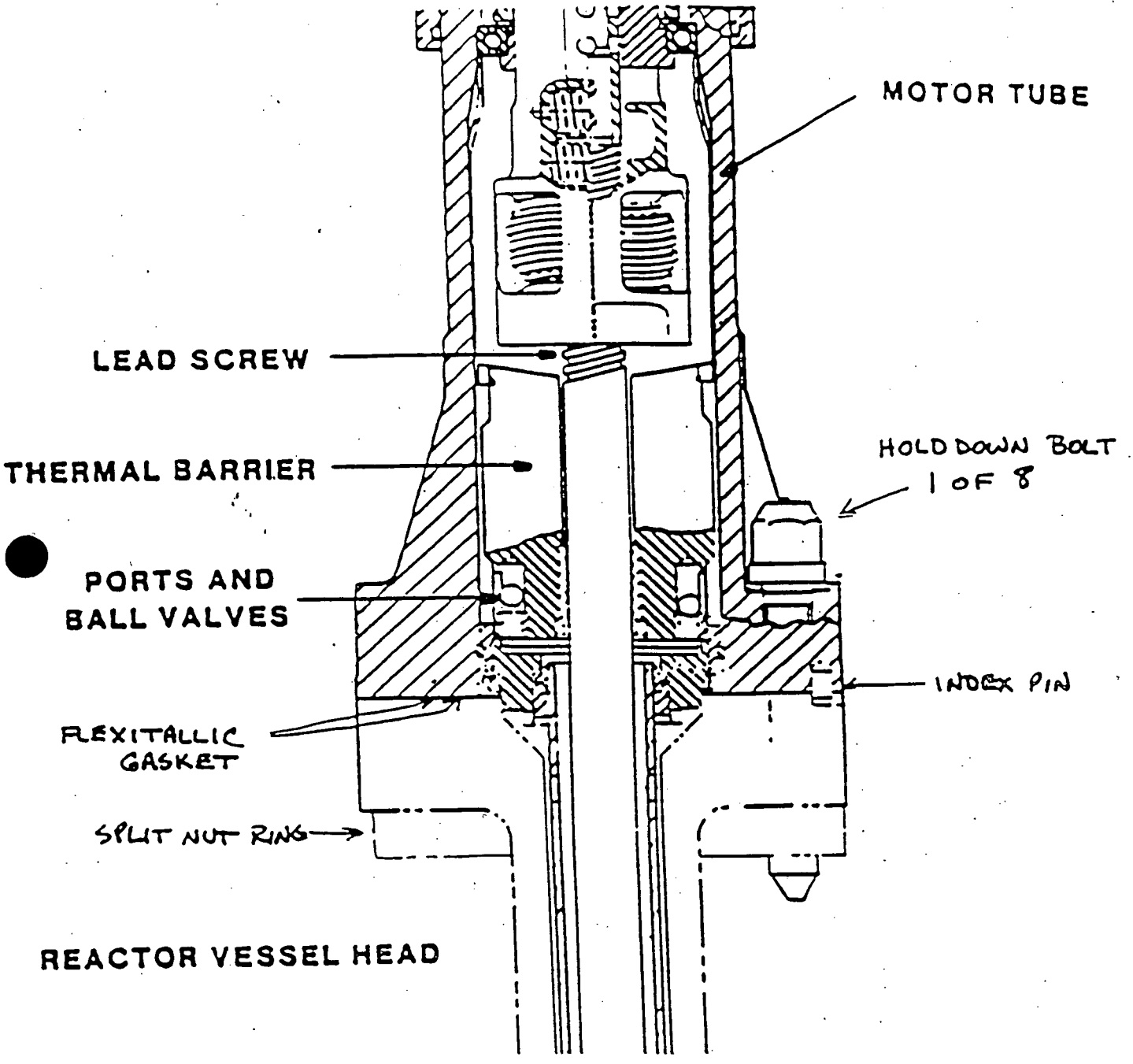
Replacement of bolting material, as a matter of policy, removes the necessity for examination of the material for continued service. Pre-service examination of replacement material ensures the achievement of an acceptable level of safety for the replacement material.

V. Implementation Schedule:

This request was approved for the second ten year inservice inspection interval and will be continued for the third ten year inservice inspection interval for Units 1,2 & 3.

Evaluated By: A J Higgs Jr Date 8-18-94

Reviewed By: J R Barkuloo Date 8/23/94



ONS-005 ATTACHMENT "A"

TITLE:	NOTE:	
CONTROL ROD DRIVE MECHANISM	THERMAL BARRIER	OC-PNS-CRD-10, 12-3-86 Diamond Power 7032551058-0 OMC/ARB RPB

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

Item No.	ID No.	Description
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

Item No.	ID No.	Description
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

Oconee 3

Item No.	ID No.	Description
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

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.

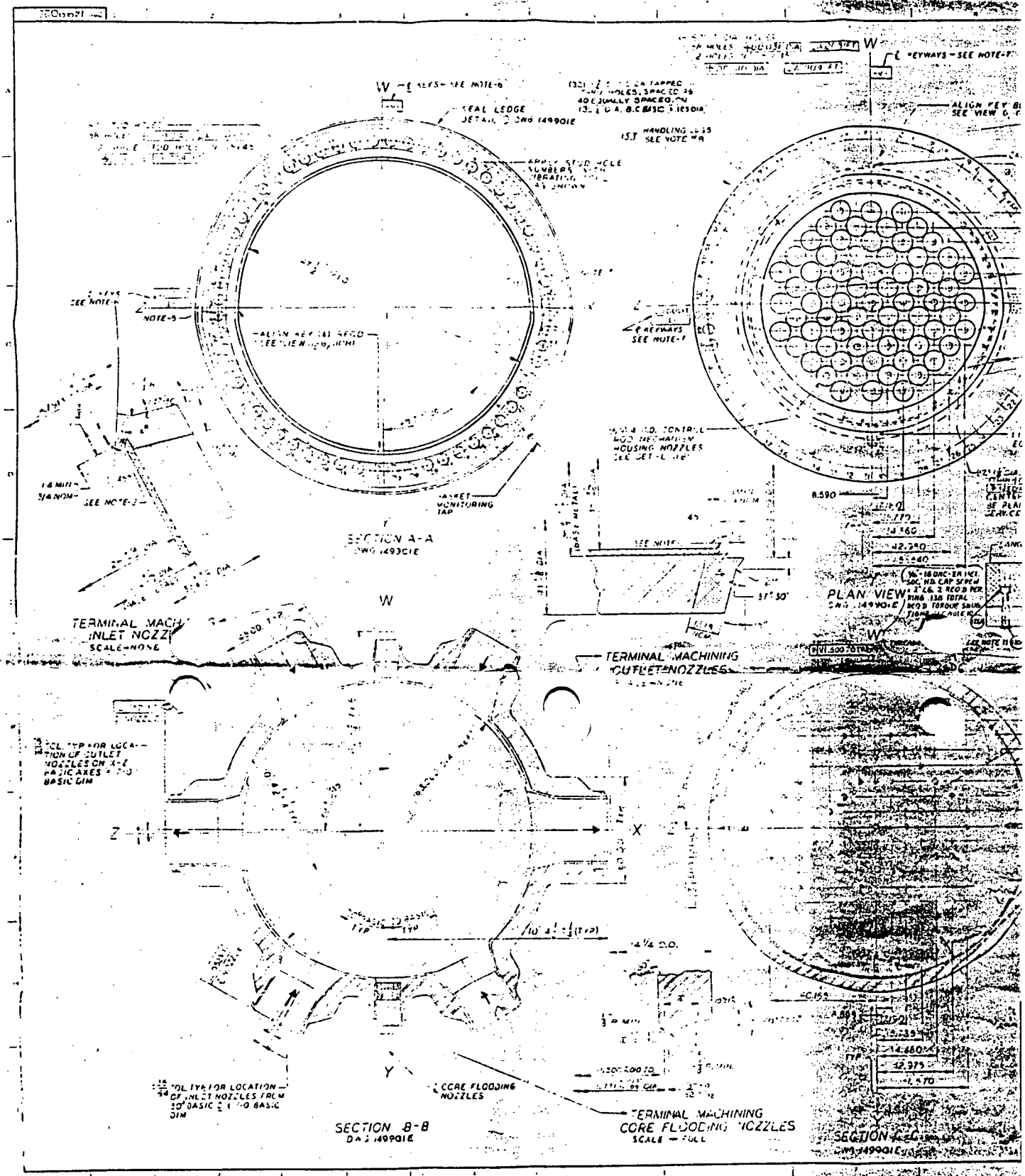
V. Implementation Schedule:

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

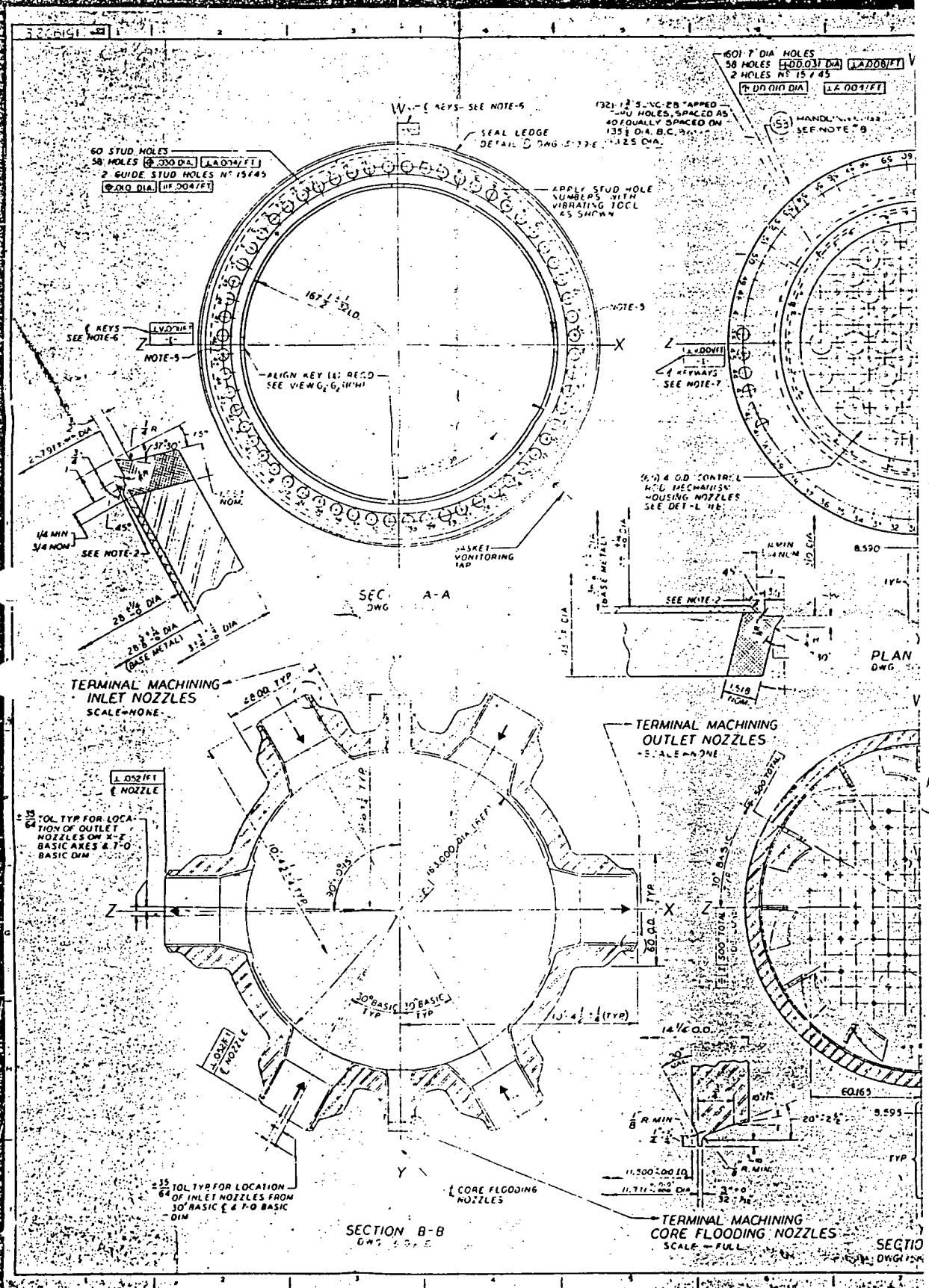
Refueling Outage 21, 2003	(Unit 1)
Refueling Outage 20, 2003	(Unit 2)
Refueling Outage 21, 2004	(Unit 3)

Evaluated By: G. D. Hegge Jr Date 8-18-94

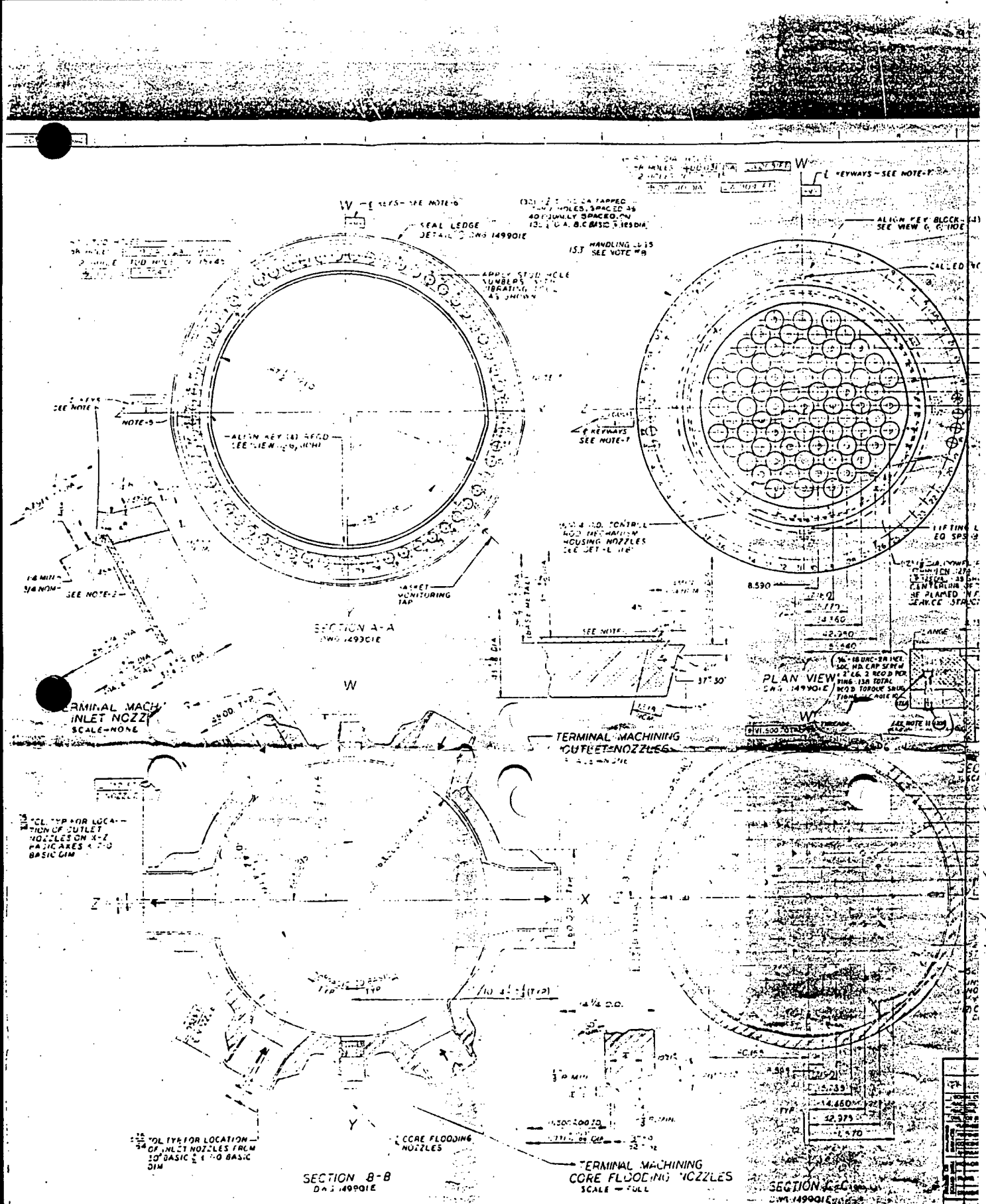
Reviewed By: J. R. Barlow Date 8/23/94



Attachment A
ONS-006



Attachment B ORS-006



Attachment C ONS-006

DUKE POWER COMPANY

Request for Relief From

Inservice Inspection Requirement

Station: **Oconee**

Unit: **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 Coolant Pump 2A1 & 3B1(Duke System No. 50).
OM-1201D-5 (Attachment "A")

b. Function:

The Reactor Coolant Pump recirculates primary (borated) coolant water from the Once Through Steam Generator (OTSG) in its respective loop to the reactor vessel.

c. ASME Section XI Code Class:

Class 1

d. Construction Code and Class (If Applicable):

N/A

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, Article IWB-2420 (A), The Sequence of Component Examinations, Item B12.010.001 (Unit 2) and Item B12.010.003 (Unit 3).

III. Basis for Requesting Relief:

Reactor Coolant Pump 2A1, Casing Weld and Casing, were last examined during the Second Period of the Second Inspection Interval (RFO # 9). Reactor Coolant 3B1, Casing Weld and Casing were last examined during the First Period of the Second Inspection Interval (RFO # 9). No reportable indications were found. In order to examine these items; Casing Weld and Casing, it will require approximately 7728 man-hours and approximately 22.5 person-rem to disassemble and reassemble the Reactor Coolant Pump.

In lieu of performing this examination at this time, we propose to defer the examination until such time that maintenance activities require disassembly of the Reactor Coolant Pump.

IV. Alternate Examination:

Volumetric examination will be deferred to when maintenance activities require disassembly of the Reactor Coolant Pump.

V. Implementation Schedule:

Use of this request for relief for Units 2 & 3 will defer scheduled inspections until the pump is disassembled for maintenance purposes.

Evaluated By: G. J. Hogge, Jr. Date 5-11-94

Reviewed By: J. Parlow Date 5/12/94

DUKE POWER COMPANY

Request for Relief From

Inservice Inspection Requirement

Station: Oconee

Unit: **3**

Requesting Department: Nuclear Generation

Reference Code: ASME Boiler and Pressure Vessel Code, Section XI 1989 Edition, No Addenda

I. Component for which exemption is requested:

a. Name and Identification Number:

3A2 and 3B1 Reactor Coolant Pump Flange Stud Holes
(See Attachments "A" & "B")

b. Function:

Studs attach the pump motor stand to the pump and clamp the stuffing box in place

c. ASME Section XI Code Class:

ISI Class A / Duke Class A

d. Construction Code and Class (If Applicable):

N/A

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) Paragraph IWB-2420 (b), which states that if flaw indications are evaluated in accordance with IWB-3132.4 and the

component qualifies as acceptable for continued service, the areas containing such flaw indications shall be re-examined during the next three successive inspection periods. During Outage 9 as part of the Ten Year Inservice Inspection Plan (as reported June 19, 1987 pursuant to IWA-6230), Reactor Coolant Pumps (RCP) 3A1 and 3A2 Main Flange Studs and RCP 3B1 Seal Gland Bolts received an ultrasonic examination. RCPs 3A1, 3A2, 3B1, and 3B2 Flange Surfaces and RCPs 3A1 and 3A2 Main Flange Nuts, Bushings, and Washers received a visual examination. Reportable indications were found on RCPs 3A2 and 3B1 Stud Holes. An engineering evaluation has been performed and results indicate that damaged threads in stud holes are acceptable for continued operation of RCPs and 3A2 and 3B1. The results of the evaluation are based on an analysis which indicates that the RCPs are operable with 19 of 20 studs in place.

III. Basis for Requesting Relief:

The damage to the stud hole threads is not due to cracks in the base metal or pitting caused by boric acid corrosion but instead, more characteristic of damage done during the process of removing the studs. The damage to the threads on the 3A2 RCP casing is typically seen after removing a stuck stud. The damage on 3B1 casing is typical of damage due to stud handling during removal and installation.

In addition, past experience has shown that it is not practical to remove a single stud without loosening all studs. Loosening all studs is necessary in order to allow some float in the motor stand and motor such that the stud to be removed will not bind. However, this would require removal of the pump in order to replace the flexatalic gasket which would then result in 25 person rem of additional unnecessary radiation exposure per pump. As such, performance of IWB-2420 required re-examinations during the next three inspection periods has been determined to be impractical.

IV. Alternate Examination:

During each refueling outage, the flange joint and surrounding area will be inspected for any accumulation of boron or visible stud degradation. If any degradation is noted, actual dimensional checks will be made of the studs. Additionally, when a RCP is disassembled for maintenance activities, all stud holes will be inspected as required by the Code. Stud holes will be examined during the Third Ten Year Interval as part of the Inservice Inspection Program.

The proposed alternate examination will minimize the possibility of further damage to the stud hole threads during removal and replacement.

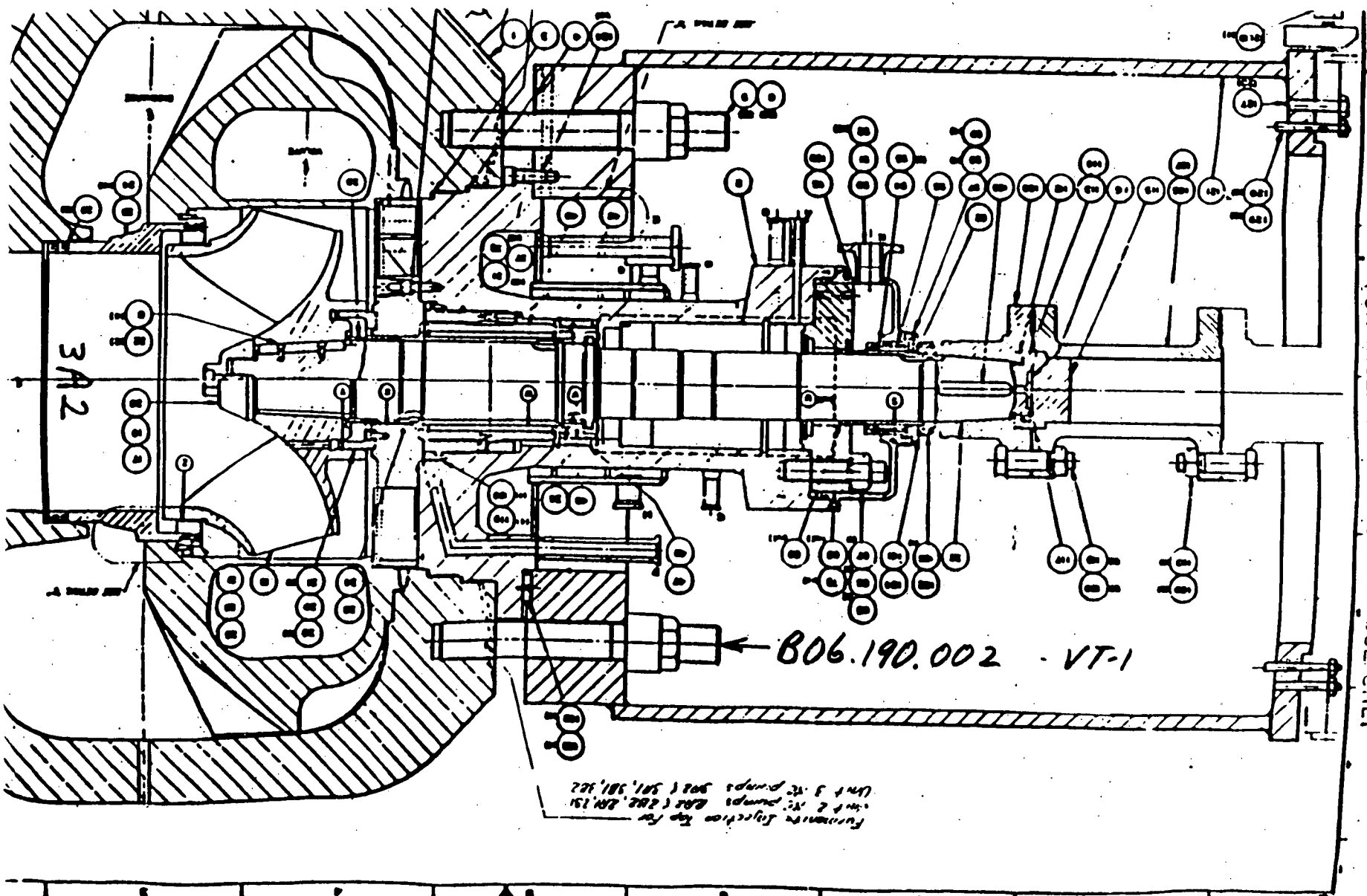
The IWB-2420 required re-examinations verify operability of the subject studs. Evaluations indicate that the RCPs are operable with 19 of 20 studs in place. The basis for the evaluation is that even if one of the twenty studs is removed, the remaining 19 studs will still remain below the Code allowable stresses. As such, it is not necessary to take credit for the damaged stud hole. The alternate examinations assure that further stud degradation is detected and appropriate compensatory measures taken. Therefore, the proposed alternate examinations provide an acceptable level of quality and safety and will not endanger the health and safety of the public.

V. Implementation Schedule:

Alternate examinations will commence during the Unit 3 End of Cycle 15 Refueling Outage.

Evaluated By: R B Rowe Date 10/2/95

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

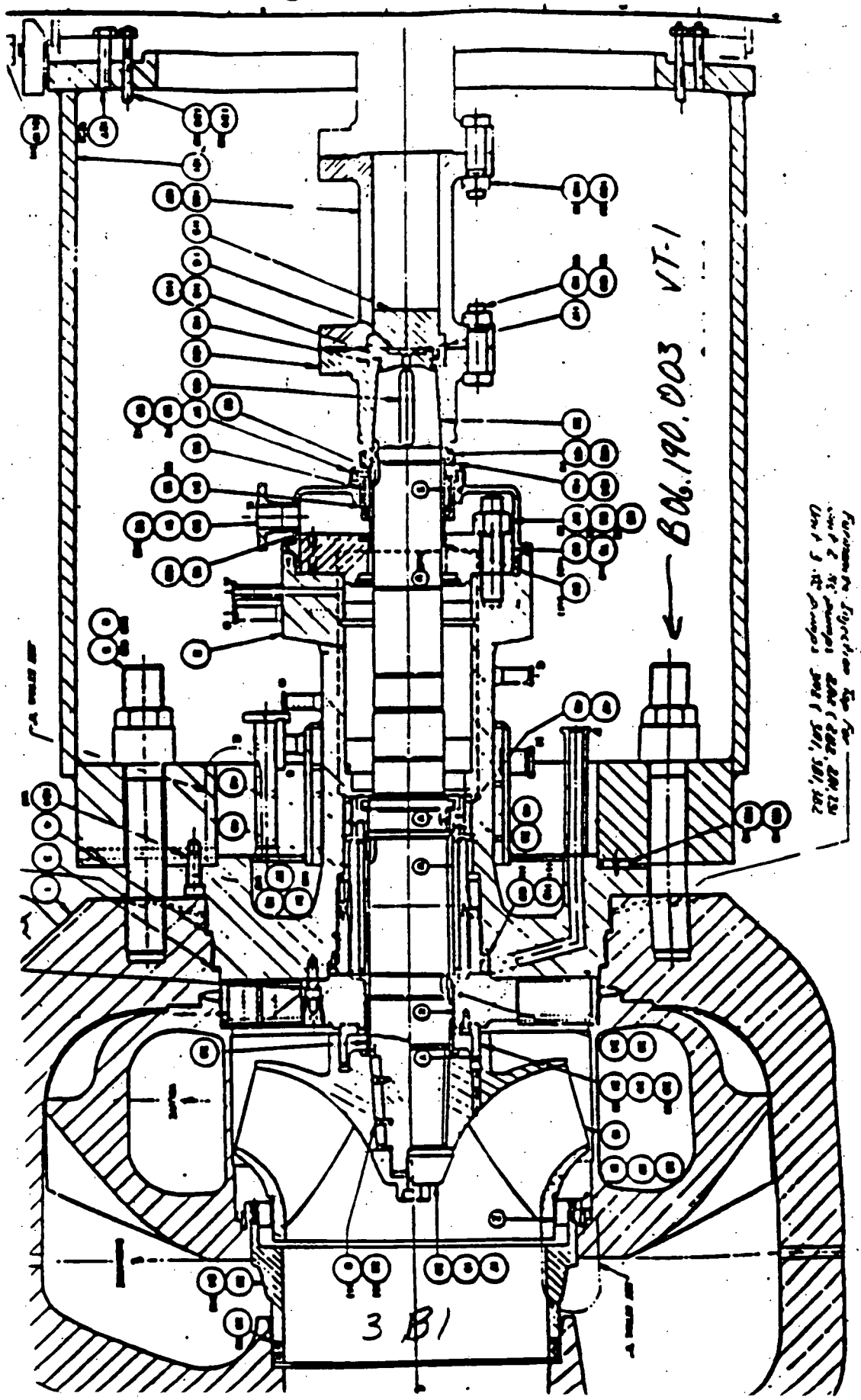


ATTACHMENT "9"

ONS-011

ATTACHMENT "B"

FOR INSERVICE INSPECTION USE ONLY



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 12, 1995

Mr. J. W. Hampton
Vice President, Oconee Site
Duke Power Company
P.O. Box 1439
Seneca, SC 29679

SUBJECT: OCONEE NUCLEAR STATION, UNIT 3 - SECOND TEN-YEAR INTERVAL INSERVICE INSPECTION REQUEST FOR RELIEF NO. 94-01 (TAC NO. M89366)

Dear Mr. Hampton:

By letter dated April 4, 1994, and supplements dated April 14, 1994, and March 16, 1995, you submitted Request for Relief No. 94-01 from certain ASME Code requirements that you determined to be impractical to perform at Oconee Nuclear Station, Unit 3, during the second 10-year interval inservice inspection. Relief is requested from the requirements of Section XI of the ASME Code to perform a volumetric examination of greater than 90 percent of the weld area for the specific welds covered by this request. Performance of the Code-required examination coverage is precluded by component interfaces. To meet the Code requirements, extensive design modifications would be necessary to provide access for examination.

The NRC staff, with technical assistance from its contractor, the Idaho National Engineering Laboratory, has reviewed and evaluated your request and has concluded that certain requirements of the Code are impractical. The staff has concluded that the extent of coverage obtained for the specific welds covered by this request provides reasonable assurance of the structural reliability and operational readiness of the systems. Therefore, pursuant to 10 CFR 50.55a(g)(6)(i), relief is granted as requested for Request for Relief 94-01. The staff's evaluation and conclusions are contained in the enclosed Safety Evaluation. This relief is authorized by law and will not endanger life or property or the common defense and security, and is otherwise in the public interest, giving due consideration to the burden that could result if the requirements were imposed on your facility.

Sincerely,

Herbert N. Berkow

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-287

Enclosure: Safety Evaluation

cc w/encl: See next page

Mr. J. W. Hampton
Duke Power Company

Oconee Nuclear Station

cc:
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Charlotte, North Carolina 28242-0001

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Dayne H. Brown, Director
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North Carolina Department of
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Raleigh, North Carolina 27611-7687

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION OF THE SECOND TEN-YEAR INTERVAL INSERVICE INSPECTION REQUEST FOR RELIEF FOR DUKE POWER COMPANY OCONEE NUCLEAR STATION, UNIT 3 DOCKET NO. 50-287

1.0 INTRODUCTION

The Technical Specifications for Oconee Nuclear Station, Unit 3, state that the inservice inspection of the American Society of Mechanical Engineers (ASME) Code Class 1, 2, and 3 components shall be performed in accordance with Section XI of the ASME Boiler and Pressure Vessel Code and applicable Addenda as required by 10 CFR 50.55a(g), except where specific written relief has been granted by the Commission pursuant to 10 CFR 50.55a(g)(6)(i). Section 50.55a(a)(3) states that alternatives to the requirements of paragraph (g) may be used, when authorized by the NRC, if (i) the proposed alternatives would provide an acceptable level of quality and safety or (ii) compliance with the specified requirements would result in hardship or unusual difficulties without a compensating increase in the level of quality and safety.

Pursuant to 10 CFR 50.55a(g)(4), ASME Code Class 1, 2, and 3 components (including supports) shall meet the requirements, except the design and access provisions and the preservice examination requirements, set forth in the ASME Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," to the extent practical within the limitations of design, geometry, and materials of construction of the components. The regulations require that inservice examination of components and system pressure tests conducted during the first 10-year interval and subsequent intervals comply with the requirements in the latest edition and addenda of Section XI of the ASME Code incorporated by reference in 10 CFR 50.55a(b) on the date 12 months prior to the start of the 120-month interval, subject to the limitations and modifications listed therein. The applicable edition of Section XI of the ASME Code for the Oconee Nuclear Station, Unit 3, second 10-year inservice inspection (ISI) interval is the 1980 Edition through Winter 1980 addenda.

Pursuant to 10 CFR 50.55a(g)(5), if the licensee determines that conformance with an examination requirement of Section XI of the ASME Code is not practical for its facility, information shall be submitted to the Commission in support of that determination and a request made for relief from the ASME Code requirement. After evaluation of the determination, pursuant to 10 CFR 50.55a(g)(6)(i), the Commission may grant relief and may impose

alternative requirements that are determined to be authorized by law, will not endanger life, property, or the common defense and security, and are otherwise in the public interest, giving due consideration to the burden upon the licensee that could result if the requirements were imposed. In a letter dated April 4, 1994, Duke Power Company (licensee) submitted to the NRC request for relief associated with the second 10-year interval inservice inspection program plan for the Oconee Nuclear Station, Unit 3. The relief was revised in a follow-up letter dated April 14, 1994. Additional information was provided by the licensee in its letter dated March 16, 1995.

2.0 EVALUATION AND CONCLUSIONS

The staff, with technical assistance from its contractor, the Idaho National Engineering Laboratory (INEL), has evaluated the information provided by the licensee in support of its second 10-year interval inservice inspection (ISI) request for relief for Oconee Nuclear Station, Unit 3. Based on the contractor's review of the subject ISI second 10-year interval request for relief for the Oconee Nuclear Station, Unit 3, the staff adopts the contractor's conclusions and recommendations presented in the attached Technical Evaluation Report.

Request for Relief No. 94-01 is granted as requested.

Attachment:
Technical Evaluation Report

Principal Contributor: T. McLellan

Date: June 12, 1995

TECHNICAL LETTER REPORT
ON THE SECOND TEN-YEAR INTERVAL INSERVICE INSPECTION
REQUEST FOR RELIEF 94-01
FOR
DUKE POWER COMPANY
OCONEE NUCLEAR STATION, UNIT 3
DOCKET NUMBER: 50-287

1.0 INTRODUCTION

By letter dated April 4, 1994, the licensee, Duke Power Company, submitted Request for Relief No. 94-01, requesting relief from the requirements of American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Section XI for the second 10-year inservice inspection (ISI) interval. This request for relief was subsequently revised in a follow-up letter dated April 14, 1994. As a result of the initial review of these documents, additional information was required and requested in an NRC request for additional information (RAI) dated January 9, 1995. In a letter dated March 16, 1995, the licensee provided the requested information and also withdrew one weld from the request. The Idaho National Engineering Laboratory (INEL) staff has evaluated the information provided by the licensee in support of these requests for relief in the following section.

2.0 EVALUATION

The information provided by the licensee in support of the requests for relief has been evaluated and is documented below. The Code of record for the Oconee Nuclear Station, Unit 3, second 10-year ISI interval is the 1980 Edition through Winter 1980 Addenda of Section XI of the ASME Code.

A. Request for Relief No. 94-01 (Part A), Examination Category B-A, Items B1.11 and B1.21 Reactor Pressure Vessel (RPV) Shell and Head Welds

Licensee's Code Relief Request: The licensee requested relief from performing the volumetric examination, to the extent required by the Code, for the welds listed below. In the March 16, 1995, response to the NRC RAI, the licensee withdrew RPV shell-to-flange Weld 3RPV-WR19. The licensee determined through calculation that the coverage for this weld exceeded 90% of the required examination volume.

TABLE A			
Item/Weld #	Description	Coverage	Limitation
B01.011.003/ 3RPV-WR18	Circ. shell weld	73.4%	RPV nozzles (weld 13" below the nozzle centerline)
B01.021.002/ 3RPV-WR34	Circ. head weld	43.5%	Core catcher lugs

Licensee's Basis for Requesting Relief (as stated):

"The attached examination reports document the amount of Code-required examination coverage obtained. To supplement this coverage, additional non-Code examination UT techniques were used in an effort to obtain as much examination coverage as possible.

"Circumferential Head Weld WR34 (Item B01.021.002):

"Due to the core catcher lugs, the entire circumference of the vessel could not be scanned. Scanning was conducted between each of the 12 lugs. Based on the configuration of the alternate head, the 0°, 70° axial, and all circ scans obtained 15.3 degrees out of 30 (51%). The 45° & 60° axial scans obtained 19.5 degrees out of 30 (65%)."

RPV Shell Weld WR18 (Item B01.011.003):

"This weld is located between nozzles, 13" below the nozzle centerline. The nozzles themselves form obstructions to 100% coverage. Between inlet nozzles, below the core flood nozzle (2 regions), 25.7 degrees out of 32.5 degrees was scanned. The weld extends out on either side of this region intersecting the inlet nozzle-to-shell welds. Between each inlet nozzle and outlet nozzle (4 regions) 19.6 degrees out of 27.8 degrees was scanned. The weld extends out on either side of this region intersecting the inlet nozzle-to-shell welds. Between each inlet nozzle and outlet nozzle (4 regions) 19.6 degrees out of 27.8 degrees was scanned. The weld extends out on either side of this region intersecting the inlet and outlet nozzle-to-shell welds. Extra coverage was lost in these regions due to the outlet nozzle lip."

In the March 16, 1995, RAI response to the NRC RAI, the licensee stated:

"Weld 3RPV-WR34 is obstructed by (12) core guide lugs. The total obstructed area for each lug is 10.5° for the axial scans, excluding the near surface and 0° scans. This results in a total obstruction of 126° for the axial scans.

"The total obstructed area for each lug is 14.7° for the circumferential scans, including the axial near surface and 0° scans. This results in a total obstruction of 176.5° for these scans.

"The actual circumferential scan volume examined between the core guide lugs is limited due to the obstruction of the flow stabilizer stubs and the transition area between the shell and lower head which prevents increased scan coverage by the ARIS alternate transducer head. This results in a lower percentage of coverage from the straight beam (0°) transducer (31.7%) including the circumferential scan coverage from the 45°, 60°, and 70° transducers (67%) for the examination area between the lugs.

"The axial scans were performed from the shell side above the weld using a full node examination method due to obstructions from the flow stabilizer stubs on the head below the weld and the transition area between the shell and lower head. The full node examination yielded an average coverage of 95% in the axial direction.

"The partial aggregate coverage from the area examined between the lugs is 74.2%. The actual aggregate coverage is 43.5% and the average aggregate coverage is 42.6%."

Licensee's Proposed Alternative Examination (as stated):

"The Class 1 welds will be included in the Class 1 pressure test performed at the end of each refueling outage.

"Ultrasonic examinations will continue to be performed the maximum extent possible during future inservice inspections."

Evaluation: The Code requires 100% volumetric examination of the subject RPV welds. However, physical obstructions limit access and preclude performance of the 100% volumetric examination. Therefore, the Code coverage requirements are impractical for the subject welds. To meet the Code requirements, design modifications would be necessary to gain access to the welds and obtain complete coverage. Imposition of this requirement would cause a considerable burden on the licensee.

For Weld 3RPV-WR18, the licensee did examine a significant portion (73%) of the Code-required volume. For Weld 3RPV-WR34, the total examination

coverage was only 43.5%. However, the licensee did examine a significant portion of the weld with the 45° and 60° axial scans (65% and 63%, respectively). Therefore, significant patterns of degradation, if present, would have been detected by the limited examinations. As a result, reasonable assurance of the RPV's structural integrity has been provided.

Considering the percentage of the required examinations that were completed and the impracticality of meeting the Code coverage requirements for the subject welds, it is recommended that relief be granted pursuant to 10 CFR 50.55a(g)(6)(i).

B. Request for Relief No. 94-01 (Part B), Examination Category B-D, Items B3.90 and B3.100, Reactor Pressure Vessel (RPV) Nozzle-to-Vessel Welds and Nozzle Inside Radius Sections

Code Requirement: Table IWB-2500-1, Examination Category B-D, Items B3.90 and B3.100, require 100% volumetric examination, as defined by Figure IWB-2500-7, for all RPV nozzle-to-vessel welds and nozzle inside radius sections.

Licensee's Code Relief Request: The licensee requested relief from performing the volumetric examination, to the extent required by the Code, for the following examination areas.

TABLE B			
Item/Weld #	Description	Coverage	Limitation
B03.090.001 and B03.090.001/ 3RPV-WR13	Outlet nozzle-to-shell welds	47.6%	Component geometry
B03.090.002 and B03.090.002A/ 3RPV-WR13A			
B03.090.003 and B03.090.003A/ 3RPV-WR12	Inlet nozzle-to-shell welds	71.7%	Nozzle configuration
B03.090.004 and B03.090.004A/ 3RPV-WR12A			
B03.090.005 and B03.090.005A/ 3RPV-WR12B			
B03.090.006 and B03.090.006A/ 3RPV-WR12C			
B03.090.007 and B03.090.007A/ 3RPV-WR13	Core Flood nozzle-to-shell welds	87.9%	Nozzle blocked by flange taper on top side
B03.090.008 and B03.090.008A/ 3RPV-WR13			
B03.100.003/ 3RPV-WR12	Inlet nozzle inside radius sections	68.4%	Nozzle configuration
B03.100.004/ 3RPV-WR12A			
B03.100.005/ 3RPV-WR12B			
B03.100.006/ 3RPV-WR12C			
B03.100.007/ 3RPV-WR54	Core flood nozzle inside radius sections	50%	Nozzle blocked by flange taper on top side
B03.100.008/ 3RPV-WR54A			

Licensee's Basis for Requesting Relief (as stated, in part):

"The attached examination reports document the amount of Code-required examination coverage obtained. To supplement this coverage, additional non-Code examination UT techniques were used in an effort to obtain as much examination coverage as possible.

Additional information regarding the examination coverage of these examination areas was provided in the March 16, 1995, response to the NRC RAI as follows:

"The RPV Outlet nozzle-to-shell welds were examined to the maximum extent possible. The outlet nozzle-to-shell welds were scanned on the inner shell in two circular directions around the nozzle to detect indications transverse to the weld axis. This circumferential scan is limited due to the nozzle reinforcement on the vessel shell ID near the weld and the vessel transition taper below the weld (see Figure 7)*. This results in a lower percentage of coverage from the straight beam (0°) transducer (24%) including the circumferential scan coverage from the 45° and 60° transducers (38%).

"This region was also examined by scanning the nozzle bore [with 0°, 15°, and 45° transducers] and the tapered section of the nozzle bore in an axial direction to increase coverage which yielded an average coverage of 98.7%. The actual coverage is 47.6%."

Licensee's Proposed Alternative Examination (as stated):

"The Class 1 welds will be included in the Class 1 pressure test performed at the end of each refueling outage.

"Ultrasonic examinations will continue to be performed to the maximum extent possible during future inservice inspections."

Evaluation: The Code requires 100% volumetric examination of the RPV nozzle welds and inside radius sections. However, physical restrictions limit access to the examination areas and preclude performance of 100% of the Code-required examination volume. Therefore, the Code coverage requirements are impractical for the subject examination areas. To meet the Code requirements, design modifications would be necessary to gain access to these areas and perform complete examinations. Imposition of this requirement would create a considerable burden on the licensee.

* Included in licensee's submittal but not included in this report.

The licensee has performed a significant portion of the Code-required volumetric examinations for the subject RPV nozzle-to-vessel welds and inside radius sections. Therefore, significant patterns of degradation, if present, would have been detected by the limited Code examinations. As a result, reasonable assurance of the structural integrity of the nozzles has been provided.

Based on the examinations performed and the impracticality of meeting the Code requirements, it is recommended that relief be granted pursuant to 10 CFR 50.55(a)(g)(6)(i).

C. Request for Relief No. 94-01 (Part C), Examination Category B-D, Item B3.110 and B3.120, Pressurizer Nozzle-to-Vessel Welds and Nozzle Inside Radius Sections

Code Requirement: Table IWB-2500-1, Examination Category B-D, Items B3.110 and B3.120, require 100% volumetric examination of all pressurizer nozzle-to-vessel welds and nozzle inside radius sections as defined by Figure IWB-2500-7.

Licensee's Code Relief Request: The licensee requested relief from performing the volumetric examination, to the extent required by the Code, for the following pressurizer nozzle-to-vessel welds and inside radius sections:

TABLE C

Item/Weld #	Description	Coverage	Limitation
B03.110.009/ 3PZR-WP26-1	Nozzle-to-vessel welds	34.39%	Component geometry (nozzle configuration, heater bundle, and lower head)
B03.110.011/ 3PZR-WP26-3		35.5%	Component geometry (head configuration)
B03.110.012/ 3PZR-WP26-7		34.39%	Component geometry (nozzle configuration, heater bundle, and lower head)

TABLE C			
Item/Weld #	Description	Coverage	Limitation
B03.120.009/ 3PZR-WP26-1	Nozzle inside radius sections	60.9%	Component geometry (heater bundle)
B03.120.011/ 3PZR-WP26-3		66.7%	
B03.120.012/ 3PZR-WP26-7		60.6%	

Licensee's Basis for Requesting Relief (as stated):

"The attached examination reports* document the amount of Code-required examination coverage obtained. To supplement this coverage, additional non-Code examination UT techniques were used in an effort to obtain as much examination coverage as possible.

"The use of radiography as an alternate volumetric examination method is not possible on pressure vessel welds due to the impracticality of using double wall technique (no location to place film, etc.)."

Licensee's Proposed Alternative Examination (as stated):

"The Class 1 welds will be included in the Class 1 pressure test performed at the end of each refueling outage.

"Ultrasonic examinations will continue to be performed to the maximum extent possible during future inservice inspections."

Evaluation: The Code requires 100% volumetric examination of the subject pressurizer nozzle-to-vessel welds and nozzle inside radius sections. However, complete ultrasonic examination is restricted by component geometry or adjacent obstructions. Therefore, the Code-requirements are impractical for these examination areas. To meet the Code requirements, design modifications would be necessary to provide access for examination. Imposition of this requirement would cause a considerable burden on the licensee.

For the nozzle inside radius sections, a significant portion of the Code-required volumetric examination was performed. For the subject nozzle-to-vessel welds, less than 36% of each welds was examined. However,

* Included in licensee's submittal but not included in this report.

there are other, similar welds on the pressurizer that are being examined. Therefore, any significant patterns of degradation, if present, should be detected. As a result reasonable assurance of the operational readiness has been provided by the examinations that were performed.

Based on the examinations that were performed and impracticality of meeting the Code requirements for the subject examination areas, it is recommended that relief be granted pursuant to 10 CFR 50.55a(g)(6)(i).

D. Request for Relief No. 94-01 (Part D), Examination Category B-D, Item B3.140, Steam Generator Nozzle Inside Radius Sections

Code Requirement: Table IWB-2500-1, Examination Category B-D, Item B3.140, requires 100% volumetric examination of all steam generator nozzle inside radius sections, as defined by Figure IWB-2500-7.

Licensee's Code Relief Request: The licensee requested relief from performing the volumetric examination, to the extent required by the Code, for the following steam generator inside radius sections:

TABLE D

Item/Weld #	Description	Coverage	Limitation
B03.140.002/ 3SGA-WG50-1	Steam Generator A, Outlet nozzle inside radius	80%	Scan limited due to part geometry (support skirt)
B03.140.005/ 3SGA-WG25	Steam Generator A, Inlet nozzle inside radius	74%	Scan limited due to part geometry
B03.140.006/ 3SGB-WG25	Steam Generator B, Inlet nozzle inside radius section	74%	Scan limited due to part geometry

Licensee's Basis for Requesting Relief (as stated):

"The attached examination reports document the amount of Code-required examination coverage obtained. To supplement this coverage, additional non-Code examination UT techniques were used in an effort to obtain as much examination coverage as possible.

"The use of radiography as an alternate volumetric examination method is not possible on pressure vessel welds due to the impracticality of using double wall technique (no location to place film, etc.). Additionally, inservice radiography on pipe welds, in some cases will not be feasible due to physical barriers that would prohibit gaining access for the placement of number bands, film, etc."

In the March 16, 1995, response to the NRC RAI, the licensee stated:

"The following information is being submitted for weld ID nos. 3SGA-WG25 and 3SGB-WG25. These welds are nozzle inner radius items. Coverage on both was 74%. Limitations are caused by the ratio on the nozzle OD to the vessel wall thickness. When the nozzle OD is small in relation to the vessel thickness, more coverage can be obtained when scanning from the vessel side. Nozzle inner radius sections are examined with UT to the maximum extent practical from the vessel side. Calibration blocks and procedures were in accordance with ASME Section XI and Section V, Article 4, 1980 Edition with Winter 1980 Addenda.

"Duke Power Company is investigating examination from the nozzle barrel with compound angles. Use of computer modeling is being considered to calculate angles, skew and beam paths to be used."

Licensee's Proposed Alternative Examination: (as stated):

"The Class 1 welds will be included in the Class 1 pressure test performed at the end of each refueling outage.

"Ultrasonic examinations will continue to be performed the maximum extent possible during future inservice inspections."

Evaluation: The Code requires 100% volumetric examination of the subject steam generator nozzle inside radius sections. However, access to these examination areas is restricted by component geometry which prevents examination of 100% of the required volume. Therefore, the volumetric examination is impractical to perform to the extent required by the Code. To meet the Code requirements, the steam generator nozzles would have to be redesigned to allow access for examination. Imposition of this requirement would cause a considerable burden on the licensee.

In all cases, a significant portion (≥74%) of the Code-required volume was examined. Therefore, patterns of degradation, if present, should have been detected by the limited Code examinations. As a result, reasonable assurance of the nozzles operational readiness has been provided.

Considering the impracticality of meeting the Code requirements, and the percentage of the examination area that was examined, it is recommended that relief be granted pursuant to 10 CFR 50.55a(g)(6)(i).

E. Request for Relief No. 94-01 (Part E), Examination Category C-B, Item C2.22, Core Flood Tank Nozzle Inside Radius Section

Code Requirement: Table IWC-2500-1, Examination Category C-B, Item C2.22, requires 100% volumetric examination, as defined by Figure IWC-2500-4(a) or (b), for nozzle inside radius sections in nozzles without reinforcing plates in vessels greater than 1/2 inch nominal thickness.

Licensee's Code Relief Request: The licensee requested relief from performing the volumetric examination, to the extent required by the Code, for core flood tank nozzle inside radius Section 3-CFTB-Outlet.

Licensee's Basis for Requesting Relief (as stated):

"The attached examination reports document the amount of Code-required examination coverage obtained. To supplement this coverage, additional non-Code examination UT techniques were used in an effort to obtain as much examination coverage as possible.

"The use of radiography as an alternate volumetric examination method is not possible on pressure vessel welds due to the impracticality of using double wall technique (no location to place film, etc.)."

In the table found in Attachment 1 of the licensee's submittal, the licensee states that the scan is limited due to part geometry and that actual coverage was 72%.

Licensee's Proposed Alternative Examination: (as stated):

"The Class 1 welds will be included in the Class 1 pressure test performed at the end of each refueling outage.

"Ultrasonic examinations will continue to be performed to the maximum extent possible during future inservice inspections."

Evaluation: The Code requires 100% volumetric examination for the subject nozzle inside radius section. However, access to the examination area is restricted by component geometry that precludes completion of the Code-required coverage. Therefore, the Code requirements are impractical for this examination area. To meet the Code requirements, design modifications would be necessary to provide access for examination. Imposition of this requirement would create a considerable burden on the licensee.

The licensee has completed a significant portion (72%) of the required examination. Therefore, any patterns of degradation, if present, would have been detected by the limited examination. As a result, reasonable assurance of the structural integrity of the subject nozzle inside radius has been provided.

Considering the impracticality of meeting the Code requirements, and the percentage of the examination area that was examined, it is recommended that relief be granted pursuant to 10 CFR 50.55a(g)(6)(i).

3.0 CONCLUSION

The INEL staff has reviewed the licensee's submittal and concludes that the Code coverage requirements are impractical to meet for the examination areas addressed in Request for Relief No. 94-01. Therefore, it is recommended that relief be granted pursuant to 10 CFR 50.55a(g)(6)(i). Such relief is authorized by law and will not endanger life, property, or the common defense and security, and is otherwise in the public interest. The relief has been granted giving due consideration to the burden upon the licensee that could result if the requirements were imposed on the facility.

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DUKE POWER

April 27, 1995

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

Subject: Duke Power Company
Oconee Nuclear Station, Unit 3
Docket No. 50-287
Third Ten Year Inservice Inspection Interval
Request for Relief No. 95-02
Supplemental Information

In a letter dated April 4, 1995, Oconee submitted Request for Relief 95-02 to allow Duke Power to use alternative examination techniques specified in ASME Section XI, 1992 Edition in lieu of the required ASME Section XI examinations in procedure NDE-600. Per phone conversation with Leonard Wiens of NRR, the following supplemental information is provided:

ASME Section XI, 1989 Edition, Appendix III, Supplement 4, Paragraph (c), states, in part, that "... it is recommended that examiners and procedures be qualified using welded samples...". Revision 4 of Procedure NDE-600 adopted Appendix VIII, ASME Section XI, 1992 Code with 1993 Addenda which allows procedure and examiner qualification to be conducted using the material to be inspected in lieu of using welded samples. Comparison testing was performed and Revision 4, NDE-600, was determined to yield valid inspection results which met or exceeded the quality of those tests conducted with pre-Revision 4 versions of the procedure.

Request for Relief 95-02 was submitted solely for Oconee Unit 3 to facilitate rapid NRR review prior to the next Unit 3 outage scheduled for June 8, 1995. A Generic relief request will be submitted in the near future to request implementation of this new NDE-600 procedure at all Duke Power Nuclear Stations. 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

xc :

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Mr. S. D. Ebneter
Regional Administrator, Region II
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4 5

April 06, 1994

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

Subject: Duke Power Company
Oconee Nuclear Station, Unit 3
Docket No. 50-287
Third Ten Year Inservice Inspection Interval
Request for Relief No. 95-02

Pursuant to 10 CFR 50.55a(a)(3)(i), attached is a Request for Relief from ASME Section XI, 1989 Edition. This request is to allow Duke Power to use alternative examination techniques specified in ASME Section XI, 1992 Edition, which provide an acceptable level of quality and safety in lieu of the required ASME Section XI examinations. Expeditious relief is requested for the Oconee Unit 3 outage which begins June 8, 1995.

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

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ELL EC050
ISI Relief Request File

Duke Power Company
Station: Oconee Unit: 3

10-YEAR INTERVAL REQUEST FOR RELIEF NO. 95-02

Background:

By letter dated December 15, 1994, Duke Power Company informed the NRC staff that Procedure NDE-600, Revision 4, "Ultrasonic Examination of Similar Metal Welds in Wrought Ferritic and Austenitic Piping," was qualified using test specimens fabricated in accordance with ASME Section XI, Appendix VIII, Supplements 2 and 3, 1992 Edition with the 1993 Addenda. We took exception to the requirements of Appendix III through utilization of Paragraph IWA-2240 of Section XI regarding the use of alternate examination techniques. Essential variables used in the qualification were incorporated into revision 5, Procedure NDE-600. We used NDE-600, Revision 5, during the McGuire Units 1 and 2 outages in 1994.

Your response to our letter on January 27, 1995, indicated that you disagreed with our position on use of alternative examination techniques and suggested that we seek relief in accordance with the requirements of 10 CFR 50.55a(3). We have since stopped using revision 5 of Procedure NDE-600 which adopted the alternative examination. Relief is requested for the Oconee Unit 3 Outage which begins June 8, 1995, to permit use of Procedure NDE-600, revision 5.

A separate request will be submitted later for McGuire Units 1 and 2, Catawba Units 1 and 2, and Oconee Units 1 and 2

Systems/Components for Which Relief is Requested:

All Examination Category B-J similar metal piping welds that require volumetric examination.

All Examination Category C-F-1 and C-F-2 similar metal piping welds that require volumetric examination.

ASME Section XI, 1989 Edition Requirement:

ASME Section XI, 1989 Edition, Appendix III, Supplement 4 - Austenitic and Dissimilar Metal Welds, does not specify the method or acceptance criteria to be used for a procedure qualification.

Paragraph (a). The following welds and cast materials, because of their inherent coarse grained structure, may be subject to marked variations in attenuation, velocity, reflection and refraction at grain boundaries:

(1) high alloy steels;
(2) high nickel alloys;
(3) cast pipe and fittings;
(4) dissimilar metal welds between combinations of (1), (2), or (3) above and wrought carbon or low alloy steels.

Paragraph (c). Qualification - In recognition of the difficulty in ultrasonic examination of the welds and materials in (a) above, it is recommended that examiners and procedures be qualified using welded samples, and simulated or actual flaws, or both, located in positions where geometry may make them more difficult to detect (e.g., the break in counterbore or adjacent to the weld root). The purpose of the examination procedure qualification is to determine that the proposed examination technique is capable of detecting the specified flaws of interest and that its capabilities and limitations will be identified.

Basis for Relief:

The 1989 Edition of ASME Section XI, Appendix III, Supplement 4 does not specify the method or acceptance criteria to be used for a procedure qualification. ASME Section XI, Appendix VIII, 1992 Edition with the 1993 Addenda does specify the method and acceptance criteria to qualify an ultrasonic procedure. Use of Appendix VIII fulfills the recommendation of Appendix III, Supplement 4 (c) in that it requires welded samples, and actual flaws located in positions where geometry may make them more difficult to detect (e.g., the break in counterbore or adjacent to the weld root).

The Appendix VIII qualification as administered by the Electric Power Research Institute NDE Center (EPRI) in cooperation with the

Performance Demonstration Initiative (PDI) satisfies the purpose of the examination procedure qualification.

Duke Power Company Procedure NDE-600, Revision 4, "Ultrasonic Examination of Similar Metal Welds in Wrought Ferritic and Austenitic Piping" was qualified by performance demonstration at the EPRI NDE Center. Test specimens used in the qualification were ferritic and austenitic pipe welds fabricated in accordance with ASME Section XI, Appendix VIII, Supplements 2 and 3, 1992 Edition with the 1993 Addenda. Duke Power Company requests relief in order to use ASME Section XI, Appendix VIII, 1992 Edition with the 1993 Addenda as a basis for procedure and personnel qualification when performing ultrasonic examination of Examination Categories B-J, C-F-1 and C-F-2.

Justification for Granting Relief:

The utilization of Duke Power company Procedure NDE-600, revision 5, "Ultrasonic Examination of Similar Metal Welds in Wrought Ferritic and Austenitic Piping" as an alternate examination will satisfy the inspection requirements of the ASME Code, Section XI, 1989 Edition. Use of Appendix VIII fulfills the recommendation of Appendix III, Supplement 4 (c), 1989 Code, in that it requires welded samples, and actual flaws located in positions where geometry may make them more difficult to detect (e.g., the break in counterbore or adjacent to the weld root).

The Appendix VIII qualification as administered by EPRI in cooperation with the PDI satisfies the purpose of the examination procedure qualification. It is equivalent to previous inspection techniques and provides for enhancement opportunities. For example, in order to qualify a procedure to examine austenitic pipe welds where access is limited to one side of the weld, the procedure must be capable of detecting flaws on the inaccessible side of the weld.

Use of Appendix VIII assures inspection results that meet or exceed Section XI Code Requirements. The proposed alternative volumetric examination will provide reasonable assurance that unallowable inservice flaws have not developed in the subject welds or that they will be detected and repaired prior to return of the reactor vessel to service. Thus, an acceptable level of quality and safety will have

been achieved and public health and safety will not be endangered by allowing the proposed alternative examination.

Implementation Schedule:

Duke expects to implement the alternative examination for the Oconee Unit 3 Outage beginning June 8, 1995.

Evaluated By: Joe C Thompshire Date 3/30/95

Reviewed By: J. O. Barbour Date 3/30/95

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.

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.

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.

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: R L Rowe Date 10/2/95

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

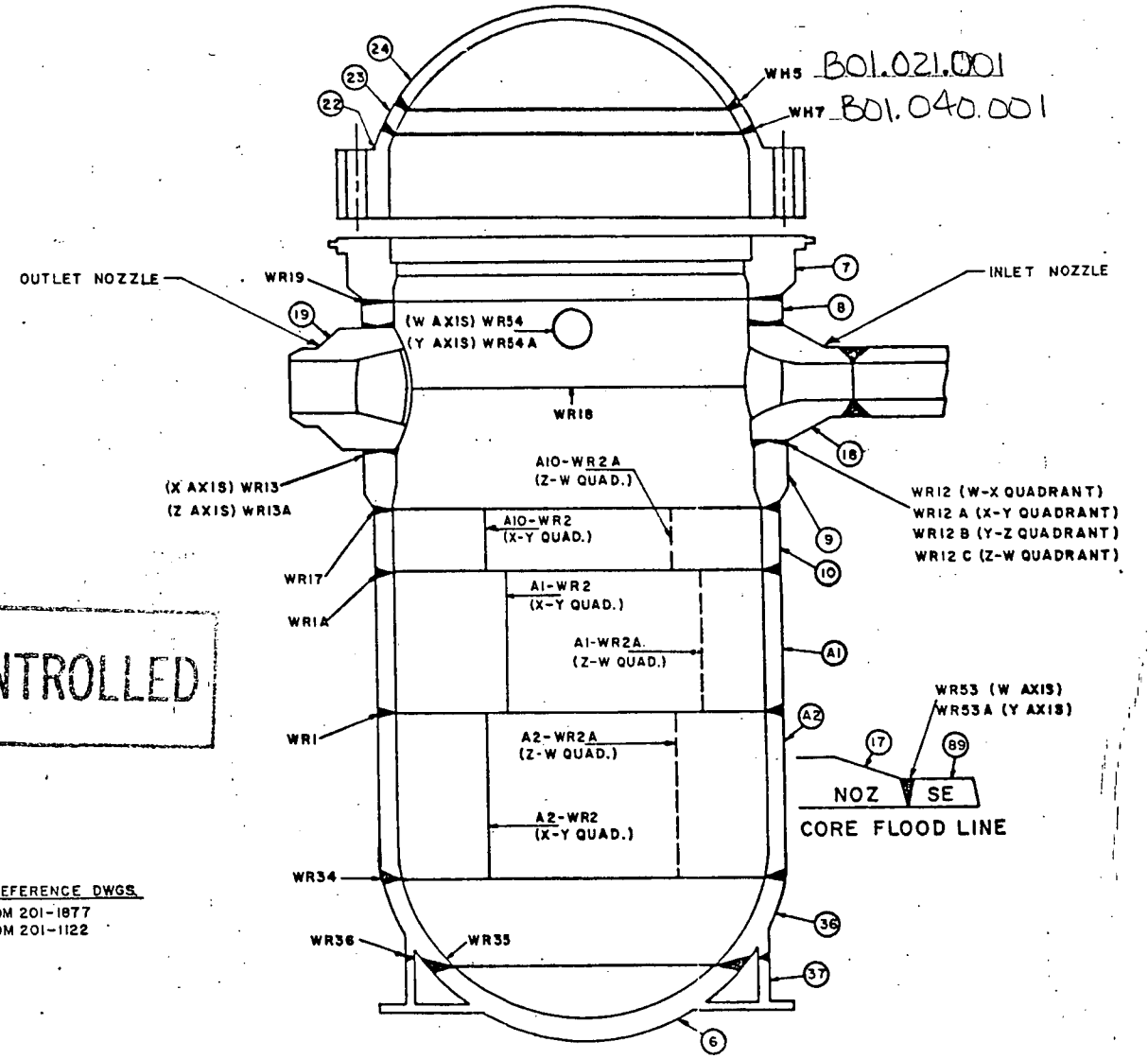
WELD LIST

IDENT NO.	PIECE NO.	DIAM.	THICK.
WR1	A1 TO A2	171" I.D.	9.500
WR1A	10 TO A1	171" I.D.	9.500
A1 – WR2	A1 TO A1	N/A	9.500
A1 – WR2A	A1 TO A1	N/A	9.500
A2 – WR2	A2 TO A2	N/A	9.500
A2 – WR2A	A2 TO A2	N/A	9.500
A10-WR2	A10 TO A10	N/A	9.500
A10-WR2A	A10 TO A10	N/A	9.500
WR12	18 TO 8 & 9	48" O.D.	12.000
WR12A	18 TO 8 & 9	48" O.D.	12.000
WR12B	18 TO 8 & 9	48" O.D.	12.000
WR12C	18 TO 8 & 9	48" O.D.	12.000
WR13	19 TO 8 & 9	60" O.D.	12.000
WR13A	19 TO 8 & 9	60" O.D.	12.000
WR17	9 TO 10	171" I.D.	9.500
WR18	8 TO 9	168" I.D.	12.000
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

BILL OF MATERIAL

PC. NO.	QTY	DESCRIPTION	MATL.
A1	1	LOWER SHELL ASS'Y. UPPER COURSE	SA 533 GR. B
A2	1	LOWER SHELL ASS'Y. LOWER COURSE	SA 533 GR. B
6	1	LOWER HEAD ASS'Y. CAP SECTION	SA 533 GR. B
7	1	REACTOR VESSEL FLANGE	SA 508 CL. 2
8	1	NOZZLE BELT UPPER COURSE	SA 508 CL. 2
9	1	NOZZLE BELT LOWER COURSE	SA 508 CL. 2
10	1	UPPER SHELL ASS'Y. LOWER COURSE	SA 533 GR. B
17	2	CORE FLOOD NOZZLE	SA 508 CL. 2
18	4	INLET NOZZLE	SA 508 CL. 2
19	2	OUTLET NOZZLE	SA 508 CL. 2
22	1	UPPER HEAD FLANGE	SA 508 CL. 2
23	1	UPPER HEAD RING SECTION	SA 508 CL. 2
24	1	UPPER HEAD CAP SECTION	SA 533 GR. B
36	1	LOWER HEAD RING SECTION	SA 508 CL. 2
37	1	REACTOR VESSEL SUPPORT SKIRT	SA 516 GR. 70
89	2	CORE FLOOD NOZZLE SAFE END	SA 336-65A-F8M

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.

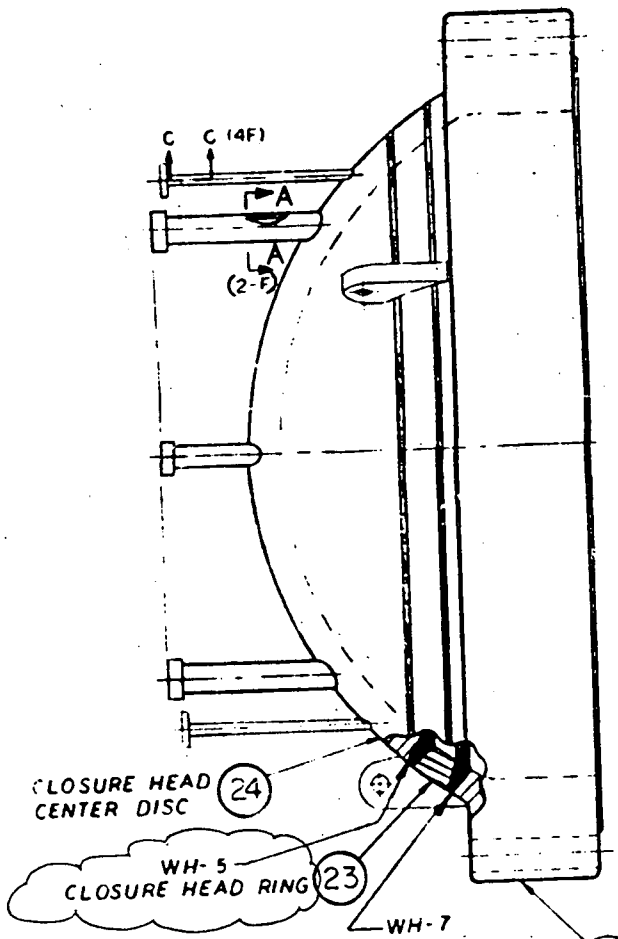
NO.	REVISION	DRAWN DATE	RVWD DATE	APPD DATE
1	Add. Ref. Dwgs.	A.J.S. 7/23/81	A.J.H. 7-23-81	[illegible]
0	ORIGINAL	A.J.S. [illegible]	[illegible]	[illegible]

TITLE
REACTOR VESSEL
WELD OUTLINE

DWG NO. ISI-OCNI-001 REV 1

REVISIONS

REVISION NO.	DESCRIPTION	DATE	APPROVED
1	PLAN. VIEW - RELOCATED LIFTING LUGS 90° CLOCKWISE X-TO / AMS	6-7	G. Rivelli
2	(5B) ADDED THERMOCOUPLE PENETRATIONS (4F) ADDED SECTION C-C RWH / AMS	6-7-68	G. Rivelli
3	(ZONE C-8) RELOCATED SECT. A-A INDICATION. (ZONE I-11) REMOVED REF. TO CONTRACTS 620-0004 & 820-0009. (ZONE G-8 H-2) IN SECT. B-B: EXTENDED VIEW TO INCLUDE MK-152 (WH-38. (4H-1) .643 WAS .750.	11/24/68	RWP
4	(6C) RELOCATED CALLOUT FOR SECT. A-A (8A&BM): DELETED MK-152 (WH-38. (4F) CHGD CONFIG. OF WELD PREP TO SUIT DETAIL DWG. REL/RFH	8/8/69	Kuhl
5	(SECTION "A-A" & "B-B") MOVED SOURCE & PENETRAMETER OUTSIDE OF CRDM HOUSING & (SECTION "B-B") FINE GRAIN FILM WAS AA OR EQUIV. 200KV TO 400 KV X-RAY WAS IR-192, & ADDED MIN FOCAL DIST 36" ADV/SGS	9/11/70	Burd

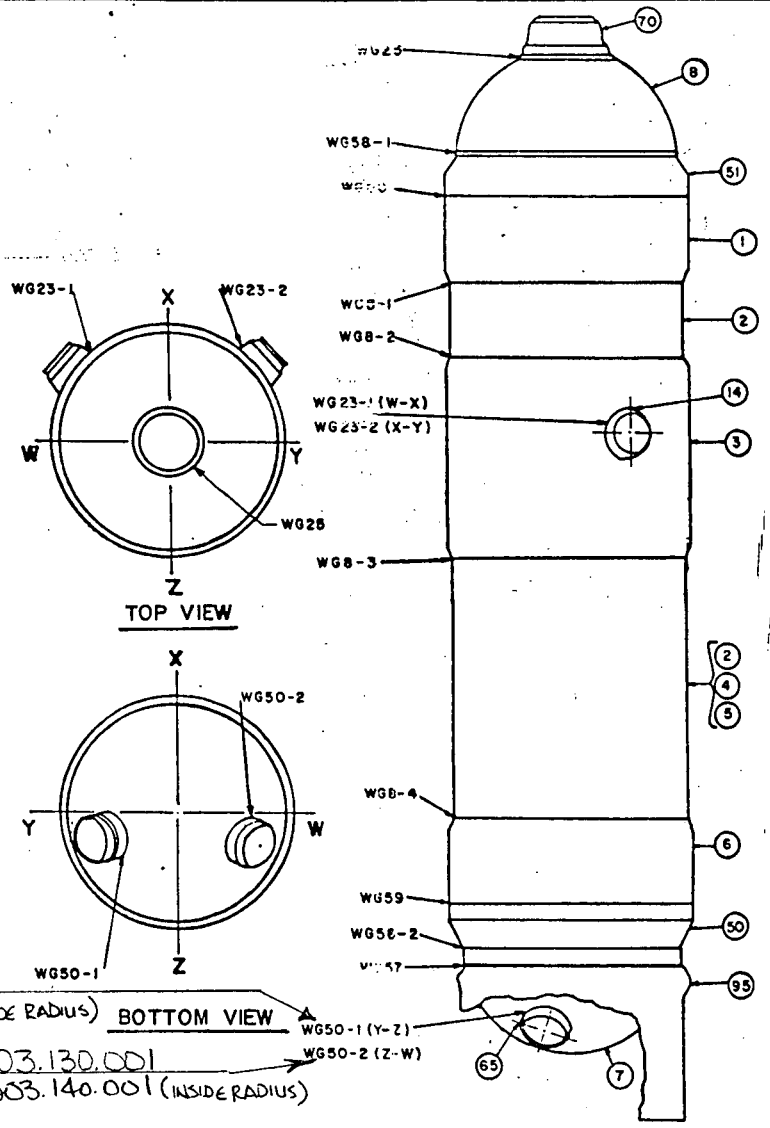


WELD LIST

IDENT NO.	PIECE NO.	DIAM.	THICK.
WG8-1	1 TO 2	138" I.D.	4.188 MIN.
WG8-2	2 TO 3	138" I.D.	4.188 MIN.
WG8-3	3 TO 2	138" I.D.	4.188 MIN.
WG8-4	5 TO 6	138" I.D.	4.188 MIN.
WG23-1	14 TO 3	29.00"	6.625 MIN.
WG23-2	14 TO 3	29.00"	6.625 MIN.
WG25	70 TO 8	48.63"	8.000 MIN.
WG50-1	65 TO 7	38.38"	8.000 MIN.
WG50-2	65 TO 7	38.38"	8.000 MIN.
WG57	95 TO 7	135" I.D.	N/A
WG58-1	8 TO 51	119" I.D.	8.000 MIN.
WG58-2	7 TO 50	119" I.D.	8.000 MIN.
WG59	6 TO 50	138" I.D.	6.625 MIN.
WG60	1 TO 51	138" I.D.	6.625 MIN.

BILL OF MATERIAL

PC. NO.	QTY	DESCRIPTION	MATL.
1	1	SHELL SECTION	SA 212 GR. B
2	2	SHELL SECTION	SA 212 GR. B
3	1	SHELL SECTION	SA 212 GR. B
4	1	SHELL SECTION	SA 212 GR. B
5	1	SHELL SECTION	SA 212 GR. B
6	1	SHELL SECTION	SA 212 GR. B
7	1	LOWER HEAD	SA 302 GR. B
8	1	UPPER HEAD	SA 302 GR. B
14	2	24" STEAM OUTLET NOZZLE	SA 508 CL. 1
50	1	LOWER TUBE SHEET	SA 508 CL. 2
51	1	UPPER TUBE SHEET	SA 508 CL. 2
65	2	28" PRIMARY OUTLET NOZZLE	SA 508 CL. 1
70	1	36" PRIMARY INLET NOZZLE	SA 508 CL. 1
95	1	SUPPORT SKIRT TRANSITION RING	SA 302 GR. B



B03.130.002
B03.140.002 (INSIDE RADIUS)

B03.130.001
B03.140.001 (INSIDE RADIUS)

REFERENCE DWGS:
CN 201-1873
OM 201-176

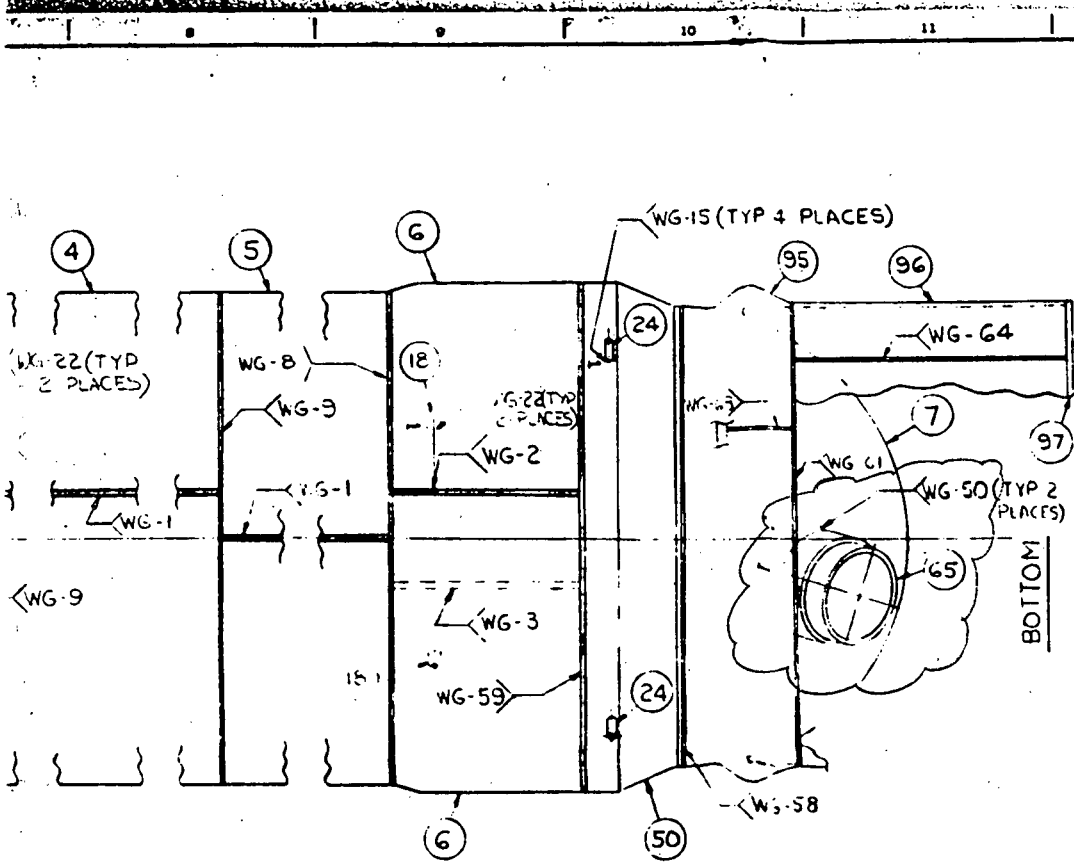
NOTES:
1. ALL I.D. NUMBERS SHALL BE PRECEDED BY "ISGA-".
2. PIECE NUMBERS ARE SHOWN IN CIRCLES.

NO.	REVISION	DRWN DATE	REVWD DATE	APPD DATE
1.	Add Top & Bot. Views & Incr. Drawing	MWC 7-2[illegible]	JH 7-24-[illegible]	JOE 7-[illegible]
0.	ORIGINAL	AWS		

TITLE
STEAM GENERATOR "A"
WELD OUTLINE

DWG NO. ISI-OCNI-003 REV. 1

UNCONTROLLED



NO.	DESCRIPTION	DATE	APPROVED
1	RELOCATED WG-68 ZONE G-10 TO F-7 CHG'D WELD DET ZONE I-1 CHG'D LOC & DET SECTION D-D ADDED DET & CHART ZONE I-8 CP/RM	9/16/67	
2	RELOCATED MK-20, ADDED MK-18 & CHG'D TABLE 'D-D' TO AGREE CP/RM	1/29/68	
3	ADDED LOWER MK-18 & WELD WG-117 (B-C AND B-D) DELETED WELD NUMBERS WG-54 WG-56 WG-57 WG-97 WG-98 & WG-99 (10 L B-C, D) AND FROM TABLES 1-2 D (7-1) AND 8-9 - D) CHG'D MIN THK AND PENE FOR WELD WG-68 (7-F) KW/CN	9/68	
4	CHG'D WG-50 FROM SECT "C-C" TO SECT "B-B" DRS/TSR	11/6/68	
5	REMOVED CONTRACT NOS 620-0004-5 & 620-0009-55 AND ADD UNIT "1 & SHEET "1 IN TITLE BLOCK. DELETED WG-117 (B-C) CHG'D MK-20 TO MK-18 (B-C, B-D) & (SECT D-D"). DRS/	3/28/69	
6	CHG'D SECT "E-E" (WG-13) FROM SINGLE WALL TO DOUBLE WALL SHOT & MOVED LOCATION OF SECT "E-E" FROM (H-10) TO (D-2). ADDED TUBESHEET PLUG X-RAY INFORMATION (H-10). JSE/ED	4/9/69	
7	REMOVED BACKING RING AT WELD WG-60 ZONE (I-2), DELETED WELD WG-29 & SECT. "A-A" (B-2, B-10)	2/27/69	

NOTES

1. FOR GENERAL NOTES SEE LONGITUDINAL SECTION DRAWING

FILM

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

10.0 Class 1 and 2 Repairs and Replacements

As required by ASME Section XI 1989 Edition, no Addenda, a record of the Class 1 and Class 2 Repairs and Replacements (NIS-2 forms and repair replacement log for work performed prior to the third interval; but after the last outage of the second interval) for work performed from February 24, 1994 through July 17, 1995 is provided and is included in this section of the report. The individual work request documents are on file at Oconee Nuclear Station.

REPAIR/REPLACEMENT LOG

ASME SECTION XI 1980

OCONEE NUCLEAR STATION

UNIT 3 RFO # 15

INTERVAL COVERED FROM: 2-24-94 TO: 12-16-94

PREPARED BY: C R Henson DATE 5-16-95

CHECKED BY: W M^c Clure DATE 5/17/95

REVIEWED BY: Pat Hosler DATE 5-17-95

TRANSMITTED TO QA MANAGER TECHNICAL SERVICES

BY: T. J. Coleman DATE 6-14-95

WORK ORDER	ASME CLASS	DESCRIPTION
94005538	1	Replaced orifice upstream of valve 3HP-326
92071924	2	Replaced plug/stem assembly valve 3HP-31
93072524	2	Replaced wedge and B/B nuts valve 3LPSW-6
93041924	2	Replaced B/B bolting valve 3LPSW-564
93090087	2	Replaced bolting 3A OTSG upper secondary manway
89032001	2	Replaced bolting 3B OTSG lower secondary manway
94005795	2	Replaced B/B bolting valve 3HP-29
93084517	2	Replaced B/B bolting valve 3BS-2
93084514	1	Replaced orifice upstream of valve 3HP-334
93084518	2	Replaced B/B bolting valve 3BS-1
89033847	2	Replaced bolting 3B OTSG lower secondary handhole # 3
89033849	2	Replaced bolting 3B OTSG lower secondary handhole # 5
94022905	1	Plug and stabilize tubes 3A OTSG
89033850	2	Replaced bolting 3B OTSG lower secondary handhole # 6
93056951	1	Replaced valve 3RC-67
93056953	1	Replaced valve 3RC-68
94023113	2	Replaced orifice flange bolting downstream of valve 3FDW-89
89033848	2	Replaced bolting 3B OTSG lower secondary handhole # 4

WORK ORDER	ASME CLASS	DESCRIPTION
89032002	2	Replaced bolting 3A OTSG lower secondary handhole # 1
89032009	2	Replaced bolting 3B OTSG lower secondary handhole # 1
89033851	2	Replaced bolting 3B OTSG lower secondary handhole # 7
89032010	2	Replaced bolting 3B OTSG lower secondary handhole # 2
89032008	2	Replaced bolting 3A OTSG lower secondary handhole # 7
89032012	2	Replaced bolting 3A OTSG lower secondary handhole # 4
89032005	2	Replaced bolting 3A OTSG lower secondary handhole # 2
89032006	2	Replaced bolting 3A OTSG lower secondary handhole # 5
89032007	2	Replaced bolting 3A OTSG lower secondary handhole # 6
89032011	2	Replaced bolting 3A OTSG lower secondary handhole # 3
93075469	2	Replaced bolting valve 3LPSW-15
93076895	2	Replaced bolting 3B OTSG AFDW nozzle # 6
93057109	1	Replaced bolting valve 3RC-66
94019294	2	Replaced B/B bolting 3SF-50
94003303	1	Replaced bolting CRDM # 55
94003298	1	Replaced bolting CRDM # 12
94003302	1	Replaced bolting CRDM # 35

WORK ORDER	ASME CLASS	DESCRIPTION
94003300	1	Replaced bolting CRDM # 26
94003297	1	Replaced bolting CRDM # 5
94003301	1	Replaced bolting CRDM # 33
94003299	1	Replaced bolting CRDM # 16
94001220	2	Replaced bolting 3A OTSG AFDW nozzle # 1
93076502	2	Replaced bolting 3A OTSG AFDW nozzle # 4
94051841	1	Replaced 3A letdown cooler
94051854	1	Installed chemical connectors on letdown cooler 3B
94051428	2	Replaced pipe between valves 3BA-171 and 3BA-172
94050882	1	Removed end caps from 3B letdown cooler 3B
94005454	UNKNOWN	Permanently removed S/R# 3-64-2439A-H5554
94007691	UNKNOWN	Removed and replaced S/R# 3-64-2439C-H5569
93057618	UNKNOWN	Installed new snubbers on S/R #'s: 3-56-1-0-2437A-SR109 3-51A-1-0-2444-SR14 3-04A-0-2478A-WPS-H46
93057618	UNKNOWN	Installed new snubber bolting S/R# 3-01A-3-0-803E245-1-R2
93057693	UNKNOWN	Installed new snubber on S/R # 3-01A-24441-DE022
93057693	UNKNOWN	Installed new pivot pin and retainer ring S/R 3-50-0-1066A-RCPM-3B1-SS1

WORK ORDER	ASME CLASS	DESCRIPTION
93057693	UNKNOWN	Installed new spacer washers on S/R#'s 3-03-0-2401A-SR1 3-03-0-2401A-SR7
94006873	UNKNOWN	Installed new reservoir on S/R# 3-03-0-2480A-H7A
94006872	UNKNOWN	Installed new snubber and rod eye S/R# 3-50-0-2480A-H8
94016306	UNKNOWN	Reset spring can to acceptable limits S/R# 3-13-7-0-2400B-H15
94052283	UNKNOWN	Modified S/R# 3-53B-6-0-2439B-DE005
94052151	UNKNOWN	Modified S/R# 3-53B-6-0-2439B-R7
94051841	UNKNOWN	Modified S/R# 3-55-0-2478C-H25C
94054245	UNKNOWN	Modified S/R# 3-53B-6-0-2439B-R4

Form 401463 (2-95)

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 7-13-95

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 # 94093421
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-6983

4. Identification of System RC Class 1

5. (a) Applicable Construction Code ASME III 19 65 Edition, Summer 67 Addenda, 1332-4, 1338-4 Alt.1, 1359-1 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	3A OTSG	Babcock and Wilcox	620-0009-55-1	N-127	N/A	1971	☒ Repaired ☐ Replaced ☐ Replacement	☐ No ☒ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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, Stablized tubes 3A Steam Generator

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. Hansen QC Specialist Date 7-13, 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 6-12-95 to 7-13-95; 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 Commissions NC 914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-13, 1995

Form 401463 (2-95)

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 7-13-95

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 # 94093423-01
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 6984

4. Identification of System RC Class 1

5. (a) Applicable Construction Code ASME III 19 65 Edition, Summer 67 Addenda, 1332-4, 1338-4, 1359-1 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	3B OTSG	Babcock and Wilcox	620-0009-55-2	N-128	N/A	1971	☒ Repaired ☐ Replaced ☐ Replacement	☐ No ☒ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Plugged and Stabilized tubes 3A STEAM Generator

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 Henson QC SPECIALIST Date 7-13, 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 NC 914 and employed by **HSBI and I Company of Hartford Connecticut** have inspected the components described in this Owner's Report during the period 6-12-95 to 7-13-95; 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.

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

Date 7-13, 1995

Form 401463 (2-95)

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 6/26/95

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 # 94093259
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 48 Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NA Addenda, N416-1 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. 3N-263	BNL. IND. INC.	A940202-1-1	NA	BALL VLV.	1994	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	VLV 3N-263	VELAN	NA	NA		NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 3N-263 with DMV-905

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 Code Case N416-1

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed C R Hansen QC Specialist Date 7-13, 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 2-8-95 to 7-13-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-13, 19 95

Form 401463 (2-95)

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 7-6-95

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 # 94023560
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 LP Class 2

5. (a) Applicable Construction Code B31.7 1969 Edition, N/A 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	Disc	Crane	N/A	N/A	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☑ No ☐ Yes
B	Disc	Crane	N/A	N/A	Part # 84496-04	1978	☐ Repaired ☐ Replaced ☒ Replacement	☑ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Replaced disc in valve 3LP-40

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

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed P Hoobs QC Specialist Date 7-6, 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 6-16-95 to 7-6-95; 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.

M.B. Chapman Commissions NC 914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-6, 1995

Form 401463 (2-95)

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 7-12-95

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 # 94094051-01
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 #) 7168

4. Identification of System 01A (MS) Class 2

5. (a) Applicable Construction Code ANSI B31.1 19 69 Edition, 8-69 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	SNUBBER	LISEGA	6310/147	NA	model 306256RF3	1995	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	SNUBBER	PSA	5062	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 Snubber S/R # 3-01A-0-2441-DE023

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 Henson QC SPECIALIST Date 7-12, 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 6-14-95 to 7-13-95; 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.

JM13 Chapman Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-13, 1995

Form 401463 (2-95)

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 7-12-95

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 # 94094048-01
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 # 7167

4. Identification of System O1A (MS) Class 2

5. (a) Applicable Construction Code ANSI B31.1 19 69 Edition, 8-69 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	SNUBBER	PACIFIC (PSA)	7754	NA	N/A	N/A	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	SNUBBER	LISEGA	61310/148	N/A	model 306256RF3	1995	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 Snubber SR # 3-01A-0-2441-DE022

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 Henson QC Specialist Date 7-12, 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 6-22-95 to 7-13-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-13, 19 95

Form 401463 (2-95)

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 7/11/95

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 # 94093637
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 # 7088

4. Identification of System 51A Class B

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, NO Addenda, NA 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 3-51A-1-0-2439C -H291	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☐ Replaced ☑ Replacement	☑ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work REPLACED HANGER ITEM BY WELDING.

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

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed D. L. Bleburgh Date 7-20, 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 2-16 95 to 7-20-95; 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 G Chapman Commissions NC914

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

Date 7-20, 1995

Form 401463 (2-95)

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 6-23-95

Sheet 2 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 # 94093637
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-7088

4. Identification of System SIA (HP) Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, NO 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. 3HP-409	ANCHOR DARLING	ET601-1-2	1759		1993	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
B	VLV. 3HP-409	CONTROL COMPONENT INC.	L480585	NA		1995	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA		12/14	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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. 3HP-409 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. & PRESS. AND NDE IN LIEU OF HYDRO 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 D. L. Blubaugh QA SPEC. Date 7-20, 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 2-16-95 to 7-20-95; 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.

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

Date 7-20-95, 19 95

Form 401463 (2-95)

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 5/11/95

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_____)

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 # 95020102-01
Repair Organization Job #

3b. NSM or MM # N/A

4. Identification of System 53B Class B

5. (a) Applicable Construction Code B31.7 1969 Edition, N/A 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	3-53B-8-0-2437-480	DPC	N/A	N/A	N/A	N/A	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 ADJUSTED PIPE CLAMP TO THE SWAY STRUT TO WITHIN TOLERANCE.

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 M McClure Date 5/11, 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 3-16-95 to 5-15-95; 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 Commissions NC 914

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

Date 5-15, 1995

Form 401463 (2-95)

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 8-2-95

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 # 95052154
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 OIA Class 2

5. (a) Applicable Construction Code ANSI B31.1 19 69 Edition, NO 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 + GRINNELL	NA	NA	NA	12/74	☒ Repaired ☐ Replaced ☐ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work ADDED WELD METAL TO UNDERSIZED FILLET WELD ON VENDOR SUPPLIED PIPING BRANCH CONNECTION.

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

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(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 Gilbert K. Blackwell QA SPEC. Date 8-2, 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 7-6-95 to 8-10-95; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 8-10, 1995

Form 401463 (2-95)

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 6-27-95

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_____)

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 # 94093194
Repair Organization Job #

3b. NSM or MM # OE-6054

4. Identification of System 51B Class 2+3

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, NA Addenda, *N416-1 Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda

*-For testing in lieu of Hydro

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Col. 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	VLV. 3LP-363	ANDERSON GREENWOOD.	1129033	Z363	09J-618	1994	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
B	PIPING	DPC	NA	NA	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	VLV. 3LP-363	VELAN	T1795	NA	GLOBE	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work REPLACED VLV. 3HP-363 W/ITEM NO. 09J-618 AND UPGRADED PIPING FROM CL. C TO B.

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 @ SYS. TEMP. & PRESS. & 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 DS Mason Q.C. Spec. Date 7-12, 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 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 3-22-95 to 7-12-95; 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.

MS Okapuccio Commissions NC 914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-12, 1995

Form 401463 (2-95)

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 6/29/95

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_____)

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 # 94093630
Repair Organization Job #

3b. NSM or MM # OE-7074

4. Identification of System HP Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, NO 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. 3HP-27	ANCHOR DARLING	ET601-6-3	NA	GLOBE VLV.	1993	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	VLV. 3HP-27	CONTROL COMPONENT INC.	658951-1-2	NA		1995	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA		12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work REPLACED 3HP-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 SYS. LEAKAGE TEST @ SYS. TEMP. & PRESS. 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 G. L. Blubaugh QA SPEC. Date 7-20, 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 7-16-95 to 7-24-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-24, 1995

Form 401463 (2-95)

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 7-4-95

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 # 94090020
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 # 6998

4. Identification of System 04A Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NO 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. 3FDW-208	KEROTEST	JH12-12	6891	GLOBE	1975	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
B	VLV. 3FDW-208	BONT. KEROTEST	NA	NA	GLOBE DMV-924	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA		12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work REPLACED VLV. 3PDW-208 W/ITEM No. DMV-924.

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 @ SYS. TEMP. & PRESS. 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 G. L. Burbaugh QA SPEC. Date 7-20, 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 3-16-95 to 7-24-95; 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.

W. B. Chapman Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-24, 1995

Form 401463 (2-95)

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 6-20-95

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 # 94093641
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 # EC-7089

4. Identification of System 51A Class 2(B)

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, NO 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. 3HP-410	ANCHOR DARLING	ET601-1-1	NB 1758	NA	1993	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
B	VLV. 3HP-410	CONTROL COMPONENT	658951-2-1	NA	NA	1995	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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. 3HP-410 W/ITEM # 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 @ SYS. TEMP. AND PRESS. AND NDE IN LIEU OF HYDRO 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 D. L. Blubaugh QA-SPEC. Date 7-18, 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 2-16-95 to 7-18-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-18, 1995

Form 401463 (2-95)

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 7-7-95

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 # 950 47776
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 LPS Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NO 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		12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work REPLACED (4) FLANGES ON HEADER FOR RCP 3A2. AIR COOLER.

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

Pressure	125 psig	Test Temp.	73.5 °F
Pressure	_____ psig	Test Temp.	_____ °F
Pressure	_____ psig	Test Temp.	_____ °F

9. Remarks _____

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed D.S. Mason for A.C. Spec Date 7-18, 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 6-24-95 to 7-18-95; 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.

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

Date 7-18, 1995

Form 401463 (2-95)

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 7-6-95

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 # 95047777
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 LPS Class B(2)

5. (a) Applicable Construction Code ANSI B31.1 19 69 Edition, NO 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	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 THE 3" FLANGES ON HEADER FOR 3A1 RCP AIR COOLER.

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

*	Pressure 125 psig	Test Temp.	73.5	°F
**	Pressure 122 psig	Test Temp.	74.5	°F
	Pressure _____ psig	Test Temp.	_____	°F

9. Remarks * Welds # 1 and 3
** Welds # 2 and 4

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed D.S. Mason QC Spec Date 7-18-95
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 6-24-95 to 7-18-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-18, 1995

Form 401463 (2-95)

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 7-4-95

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 # 94090012
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 # 6796

4. Identification of System 04A Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NO 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. 3FDW-206	KEROTEST	JH2-15	6783	GLOBE VLV.	1975	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
B	VLV. 3FDW-206	BONT-KEROTEST	NA	NA	GLOBE VLV. DMV-924	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work REPLACE 3FDW-206 W/DMV-924

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 @ SYS. TEMP. & PRESS. 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 G. L. Bluhm Date 7-20, 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 3-16-95 to 7-20-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-20, 19 95

Form 401463 (2-95)

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 7-4-95

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_____)

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 # 94090023
Repair Organization Job #

3b. NSM or MM # OE-6999

4. Identification of System 04A Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NO 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. 3FDW-209	KEROTEST	JHZ-1	6780	GLOBE VLV.	1975	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
B	VLV. 3FDW-209	BONT-KEROTEST	NA	NA	GLOBE VLV. DMV-9Z4	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA		12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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. 3FDW-209 W/ITEM No. DMV-924.

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. & PRESS & PT'd. WELDS IN LIEU OF HYDRO PER 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 M. L. Blubaugh QA SPEC. Date 7-20, 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 3-16-95 to 7-20-95; 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.

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

Date 7-20, 1995

Form 401463 (2-95)

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 6-22-95

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_____)

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 # 94090011
Repair Organization Job #

3b. NSM or MM # OE-6994

4. Identification of System FDW Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NA Addenda, N416-1 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. 3FDW-143	KEROTEST	NA	NA	GLOBE 6G-004	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	VLV. 3FDW-143	KEROTEST	NA	NA	GLOBE DMV-924	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 3FDW-143 with DMV-924

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 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 D.B. Mason QA Spec Date 7-20, 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 3-16-95 to 7-20-95; 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 Commissions N.C. 914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-20, 1995

Form 401463 (2-95)

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 6-22-95

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 # 94090010
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-6993

4. Identification of System 3FDW-142 Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NA Addenda, *N416-1 Code Cases
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, No Addenda

* IN LIEU OF HYDRO..

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. 3FDW-142	KEROTEST	NA	NA	GLOBE 6G-004	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	VLV. 3FDW-142	KEROTEST	NA	NA	GLOBE DMV-924	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA	–	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 3FDW-142 W/ITEM No. DMV-924.

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 @ SYS. TEMP. & PRESS. 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 G. L. Blubaugh QA SPEC. Date 7-20, 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 3-16-95 to 7-24-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-24, 1995

Form 401463 (2-95)

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 6-22-95

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_____)

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 # 94090007
Repair Organization Job #

3b. NSM or MM # OE-6995

4. Identification of System FDW Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NO Addenda, N416-1 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. 3FDW-144	KEROTEST	NA	NA	GLOBE DMV-924	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	VLV. 3FDW-144	KEROTEST	NA	NA	GLOBE 6G-004	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 3FDW-144 with DMV-924

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 Code Case N416-1

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed E B Mason Date 7-20, 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 3-16-95 to 7-24-95; 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 Commissions NC914

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

Date 7-24, 1995

Form 401463 (2-95)

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 6-29-95

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_____)

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 # 94090015
Repair Organization Job #

3b. NSM or MM # EC-6997

4. Identification of System FDW Class 2

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NO Addenda, NA 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. 3FDW-209	KEROTEST	JH5-2	6785	GLOBE	1975	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
B	VLV. 3FDW-207	BONT-KEROTEST	NA	NA	GLOBE DMV-924	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 3FDW-207 with DMV-924

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 Code Case N416-1

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed E S Mason QA Spec Date 7-20, 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 3-16-95 to 7-24-95; 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.

[signature] Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-24, 1995

Form 401463 (2-95)

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 6-29-95

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 # 94092830
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 # EC-7143

4. Identification of System 54A Class 2

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, NO Addenda, N416-1 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 3BS-6	Crane	NA	N/A	NA	NA	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
B	PIPING	DPC	NA	NA	NA	12-74 NA CRN	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	Bolting	Texas Bolt	N/A	N/A	N/A	N/A	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D	Bolting	A+B Engineering	N/A	N/A	N/A	N/A	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 Delete 3B5-6 and replace with pipe

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 in accordance with Code Case N416-1

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed D S Mason Q.C. Spec. Date 7-12-95 19____

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 4-5-95 to 7-12-95; 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.

M B Chapman Commissions NC914

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

Date 7-12, 1995

Form 401463 (2-95)

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 6-26-95

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 # 94094320
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-6011

4. Identification of System LP Class 3 & 2

5. (a) Applicable Construction Code ANSI B31.7 19 69 Edition, NA 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. 3LP-96	VELAN	NA	NA	NA	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	VLV - 3LP-96	ANDERSON GREENWOOD	NZ9037	2337	ITEM # 09J-618	1994	☐ Repaired ☐ Replaced ☒ Replacement	☐ No ☒ Yes
C	PIPING	DPC	NA	NA	NA	12/94	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work REPLACED 3LP-96 WITH A ITEM No. 09J-618.

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 SYSTEM LEAKAGE TEST AT SYSTEM TEMP. & PRESS. PER 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 [signature] Date 7-17, 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 2-23-95 to 7-20-95; 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] Commissions NC 914

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

Date 7-20, 19 95

Form 401463 (2-95)

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 6-21-95

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 # 94093633
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-7076

4. Identification of System 51A Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, NA 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. 3HP-26	ANCHOR DARLING	ET601-6-2	1762	NA	1993	☐ Repaired ☒ Replaced ☐ Replacement	☐ No ☒ Yes
B	VLV. 3HP-26	CONTROL COMPONENT INC.	658951-1-1	NA	NA	1995	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA		12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work REPLACED 3HP-26 W/ITEM No. DMV-1022 & RELOCATED 3HP-123.

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 @ SYS. TEMP. & PRESS. 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 G. L. Bushong QA. SPEC. Date 7-18, 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 2-17-95 to 7-18-95; 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.

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

Date 7-18, 1995

Form 401463 (2-95)

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 6-23-95

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 # 94027786
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 54B Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, NA 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	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work CUT OUT PIPE, DECON. 90° ELBOW IN B.S. LINE & REINSTALLED NEW PIECE OF PIPE.

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 @ SYS. TEMP. & PRESS. 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 WMcClure Date 7/19, 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 2-8-95 to 7-19-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-19, 1995

Form 401463 (2-95)

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 6-22-95

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 # 94090008
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-6992

4. Identification of System FDW Class 2

5. (a) Applicable Construction Code ANSI B31.1 19 69 Edition, NO 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. 3FDW-141	KEROTEST	NA	NA	GLOBE 6G-004	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
B	VLV 3FDW-141	KEROTEST	NA	NA	GLOBE DMV-924	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
C	PIPING	DPC	NA	NA	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work REPLACED 3FDW-141 WITH DMV-924

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 SYSTEM LEAKAGE TEST AT SYS. TEMPERATURE & PRESSURE & PT OF WELDS IN LIEU OF HYDRO PER CODE CASE N416-1.

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed G. L. Blubaugh QA SPEC. Date 7-20, 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 3-16-95 to 7-20-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-20, 1995

Form 401463 (2-95)

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 7-17-95

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 # 95046150-03
Repair Organization Job #

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

3b. NSM or MM # NA

4. Identification of System RC Class 2

5. (a) Applicable Construction Code ASME III 1965 Edition, Summer 67 Addenda, 1332-4, 1338-4 All. 1, 1359-1 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	NA	NA	NA	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
C							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work Replaced bolting 3B OTSG Secondary manway

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 Pressure tested per ASME Code Case N416-1

(Applicable Manufacturer's Data Records to be Attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp **N/A**

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

Signed C.B. Mason QA Spec Date 8-14, 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 6-20-95 to 8-14-95; 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 Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 8-14, 1995

Form 401463 (2-95)

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 7/11/95

Sheet 1 of 4

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 # 95044230-01
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 #) 7299

4. Identification of System 14B Class B

5. (a) Applicable Construction Code ANSI B31.1 19 69 Edition, NA 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 S/R's	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	3-14B-0-2479A - H11B	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
B	3-14B-0-2479A - H11C	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
C	3-14B-0-2479A - H11E	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
D	3-14B-0-2479A - H11F	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work COMPONENTS WERE REPLACED WITH "GANG HANGER" 3-14B-0-2479A -H11

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 William F. McClure Date 7/11, 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 6-16-95 to 7-12-95; 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.

M. B. Chapman Commissions NC 914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-12, 1995

Form 401463 (2-95)

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 7/11/95

Sheet 3 of 4

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 # 95044230-01
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 # 7299

4. Identification of System 14B Class B

5. (a) Applicable Construction Code ANSI B31.1 19 69 Edition, NO Addenda, NA 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 S/R's	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	3-14B-0-2479A -H19A	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
B	3-14B-0-2479A -H19B	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
C	3-14B-0-2479A -H19C	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
D	3-14B-0-2479A -H19D	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
E	3-14B-0-2479A -H19E	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
F	3-14B-0-2479A -H19F	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work COMPONENTS WERE REPLACED WITH "GANG HANGER" 3-14B-0-2479A-H19

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 William T. McClure Date 7/11, 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 6-16-95 to 7-12-95; 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.

M.B. Chapman Commissions NC914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-12, 19 95

Form 401463 (2-95)

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 7/11/95

Sheet 4 of 4

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 # 95044230-01
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 # 7299

4. Identification of System 14B Class B

5. (a) Applicable Construction Code ANSI B31.1 19 69 Edition, NO Addenda, NA 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 S/R's	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	3-14B-0-2479A -H11	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☐ Replaced ☑ Replacement	☑ No ☐ Yes
B	3-14B-0-2479A -H17	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☐ Replaced ☑ Replacement	☑ No ☐ Yes
C	3-14B-0-2479A -H19	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☐ Replaced ☑ Replacement	☑ No ☐ Yes
D							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form NIS-2 (Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work MODIFIED FOR REPLACEMENT OF EXISTING S/R's.

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 William T. McClure Date 7/11, 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 6-16-95 to 7-12-95; 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.

MS Chapman Commissions NC-914
Inspector's Signature National Board, State, Providence and Endorsements

Date 7-12, 1995

Form 401463 (2-95)

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 6/28/95

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 # 94092829-01
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-7144

4. Identification of System 54A Class 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, NA Addenda, N416-1 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	NA	12/74	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
B	Valve 3B5-5	Crane	NA	NA	CK. VLV.	NA	☐ Repaired ☒ Replaced ☐ Replacement	☒ No ☐ Yes
C	Bolting	Texas bolt	NA	NA	NA	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
D	Bolting	A+G Engineering	NA	NA	NA	NA	☐ Repaired ☐ Replaced ☒ Replacement	☒ No ☐ Yes
E							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes
F							☐ Repaired ☐ Replaced ☐ Replacement	☐ No ☐ Yes

Form 401463 (2-95)

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 3BS-5 and replaced with pipe

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 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 C.S. Mason Q.C. Spec. Date 7-12, 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 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 4-5-95 to 7-12-95; 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.

M B Chapman Commissions NC 914

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

Date 7-12, 1995

Form 401463 (2-95)

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 7/11/95

Sheet 2 of 4

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 # 95044230-01
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 # 7299

4. Identification of System 14B Class B

5. (a) Applicable Construction Code ANSI B31.1 1969 Edition, NO 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 S/R's	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	3-14B-0-2479A -H17A	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
B	3-14B-0-2479A -H17B	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
C	3-14B-0-2479A -H17C	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
D	3-14B-0-2479A -H17D	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
E	3-14B-0-2479A -H17E	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes
F	3-14B-0-2479A -H17F	DPC	N/A	N/A	N/A	N/A	☐ Repaired ☑ Replaced ☐ Replacement	☑ No ☐ Yes

Form 401463 (2-95)

Form NIS-2 (Back)

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7. Description of Work COMPONENTS WERE REPLACED WITH "GANG HANGER" 3-14B-0-2479A-H17

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 William T. McClure Date 7/11, 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 6-16-95 to 7-12-95; 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.

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

Date 7-12, 1995