#### INSERVICE INSPECTION REPORT

#### UNIT 1 McGuire 1995 REFUELING OUTAGE 10

NRC Docket No. 50-369

Location: Hwy 73, Cowans Ford, North Carolina

National Board No. 44

Commercial Service Date: December 1, 1981

Owner: Duke Power Company 526 S. Church St. Charlotte, N. C. 28201-1006 **Revision 0** 

Prepared By:	Sang	- S barbors	D	ate	326.96
Reviewed By:	Jany	J. Underwood	D	ate	3-26-96
Approved By:	· ff	Barbour	D	ate	3/26/96
Copy No.	2	Assigned To	NRC Docume	nt Co	ontrol
Controlled	X	Uncontrolled			
960 PDR 0	4290302 ADUCK				

# **CONTROLLED DISTRIBUTION**

Copy No.	Assigned To	
Original	Duke Power Company QA Technical Services	
1	McGuire Mechanical Maintenance/ QA Technical Support	
2	NRC Document Control	

# UNCONTROLLED DISTRIBUTION

3	Hartford Steam Boiler Inspection and Insurance Company (AIA) c/o C. A. Ireland
4	State of North Carolina Department of Labor c/o B. K. Walker





# TABLE OF CONTENTS

Section	Title	Revision
1.	General Information	0
2.	Summary of Inservice Inspections for Outage 10	0
3.	Second Ten Year Interval Inspection Status	0
4.	Final Inservice Inspection Plan for Outage 10	0
5.	Results of Inspections Performed During Outage 10	0
6.	Reportable Indications	0
7.	Personnel, Equipment, and Material Certifications	0
8.	Corrective Action	0
9.	Reference Documents	0
10.	Class 1 and 2 Repairs and Replacements	0

#### 1.0 General Information

This report describes the Inservice Inspection of Duke Power Company's McGuire Nuclear Station Unit 1 during the 1995 Refueling Outage (also referred to as Outage 10). This is the First Outage of the Second Inspection Period of the Second 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 October 28,1994.

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion Engineering	CE67102	NC-178379	20766
Pressurizer	Westinghouse	1471	NC-178395	68-123
Steam Generator 1A	Westinghouse	1461	NC-178375	68-107
Steam Generator 1B	Westinghouse	1462	NC-178376	68-108
Steam Generator 1C	Westinghouse	1463	NC-178377	68-109
Steam Generator 1D	Westinghouse	1464	NC-178378	68-110
Centrifugal Charging Pump	Pacific Pumps	1A - 48582 1B - 48583	N/A	19 22
Containment Spray Heat Exchanger	Delta Southern Co.	1A-35005-73-1 1B-35005-73-2	NC-147799 NC-147796	3394 3395
Excess Letdown Heat Exchanger	Westinghouse	1809	NC-187817	1554
Letdown Heat Exchanger	Joseph Oat & Sons, Inc.	2049-2A	NC-187881	552
Reciprocating Charging Pump	Westinghouse	N721031B-603	N/A	N/A
Reactor Coolant Pump	Westinghouse	1A 1-114E841G01 1B 2-114E841G01 1C 3-114E841G01 1D 4-114E841G01	N/A	N/A
Reciprocating Charging Pump Accumulator	Metal Bellows Company	74730-001	N/A	001
Reciprocating Charging Pump Suction Stabilizer	Richmond Engineering Supply Co.	N-2409.10	N/A	75219

#### 1.1 Identification Numbers



Refueling Outage Report McGuire Unit 1 Section 1 Page 1 Revision 0 March 26, 1996



# 1.1 Identification Numbers

## Continued

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Residual Heat Removal Heat Exchanger	Joseph Oat & Sons, Inc.	1A 2046-2A 1B 2046-2A	NC-234202 NC-234201	635 636
Safety Injection Pump	Pacific Pumps	1A 49355 1B 49356	N/A	80 81
Regenerative Heat Exchanger	Joseph Oat & Sons, Inc.	2047-2A	NC-187897	595 596 597
Seal Water Heat Exchanger	Atlas Industrial Manufacturing Company	1766	NC 169797	1548
Seal Water Injection Filter	AMF Cuno	1A - 13 1B - 14	N/A	3822 3823
Main Steam Supply to Auxiliary Equipment System	Duke Power Co.	SA	N/A	4
Containment Air Release and Addition System	Duke Power Co.	VQ	N/A	12
Main Steam System	Duke Power Co.	SM	N/A	17
Main Steam Vent to Atmosphere System	Duke Power Co.	SV	N/A	18
Reactor Coolant System	Duke Power Co.	NC	N/A	28
Liquid Waste Recycle System	Duke Power Co.	WL	N/A	29
Refueling Water System	Duke Power Co.	FW	N/A	31
Auxiliary Feedwater System	Duke Power Co.	CA	N/A	32
Residual Heat Removal System	Duke Power Co.	ND	N/A	35
Nuclear Service Water System	Duke Power Co.	RN	N/A	36
Chemical & Volume Control System	Duke Power Co.	NV	N/A	37
Component Cooling System	Duke Power Co.	KC	N/A	38
Main Feedwater System	Duke Power Co.	CF	N/A	39





Refueling Outage Report McGuire Unit 1 Section 1

Page 2 Revision 0 March 26, 1996

# 1.1 Identification Numbers

## Continued

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Containment Spray System	Duke Power Co.	NS	N/A	40
Containment Ventilation Cooling Water System	Duke Power Co.	RV	N/A	41
Safety Injection System	Duke Power Co.	NI	N/A	42
Containment Purge Ventilation	Duke Power Co.	VP	N/A	6
Safety Injection Accumulator Tank 1A	Delta Southern Co.	41617-72-1	NC-178396	3038
Safety Injection Accumulator Tank 1B	Delta Southern Co.	41617-72-2	NC-178397	3039
Safety Injection Accumulator Tank 1C	Delta Southern Co.	41617-72-3	NC-178398	3040
Safety Injection Accumulator Tank 1D	Delta Southern Co.	41617-72-4	NC-178399	3041
Unit 1	Duke Power Co.	N/A	N/A	44

# 1.2 Authorized Nuclear (uservice Inspector(s)

Name:	R. D. Klein
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



Refueling Outage Report McGuire Unit 1 Section 1 Page 3 Revision 0 March 26, 1996

0

# 2.0 Summary of Inservice Inspections for Outage 10

The information shown below provides an abstract of ASME Section XI Class 1, Class 2, and Augmented Items scheduled and examined during Outage 10 at McGuire Nuclear Station Unit 1.

#### 2.1 Class 1 Inspection

# Section XI 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	0	0
B01.020	Head Welds		
B01.021	Circumferential	0	0
B01.022	Meridional	0	0
B01.030	Shell to Flange Weld	0	0
301.040	Head to Flange Weld	0	0
B01.050	Repair Welds	None	None
B01.051	Beltline Region	N/A	N/A
TOTALS		0	0





Refueling Outage Report McGuire Unit 1 Section 2 Page 1 Revision 0 March 26, 1996

## Section XI 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	1	1
B02.020	Head Welds		
B02.021	Circumferential	N/A	N/A
B02.022	Meridional	N/A	N/A
	Steam Generators (Primary Side)		
B02.030	Head Welds		
B02.031	Circumferential	N/A	N/A
B02.032	Meridional	N/A	N/A
B02.040	Tubesheet to Head Weld	0	0
	Heat Exchangers (Primary Side)Head		1
B02.050	Head Welds	N/A	N/A
B02.051	Circumferential	N/A	N/A
B02.052	Meridional	N/A	N/A
	Heat Exchangers (Primary Side)Shell		
B02.060	Tubesheet to Head Welds	N/A	N/A
B02.070	Longitudinal Welds	N/A	N/A
B02.080	Tubesheet to Shell Welds	N/A	N/A
TOTALS		1	1



Refueling Outage Report McGuire Unit 1 Section 2 Page 2 Revision 0 March 26, 1996

## Section XI 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	0	0
B03.100	Nozzle Inside Radius Section	0	0
	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	N/A	N/A
B03.140	Nozzle Inside Radius Section	4	4
	Heat Exchangers (Primary Side)		
B03.150	Nozzle to Vessel Welds	N/A	N/A
B03.160	Nozzle Inside Radius Section	N/A	N/A
TOTALS		4	4



Refueling Outage Report McGuire Unit 1 Section 2

Page 3 Revision 0 March 26, 1996

Section	XI	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	N/A	N/A
B04.012	Control Rod Drive Nozzles	0	0
B04.013	Instrumentation Nozzles	0	0
	Pressurizer		
B04.020	Heater Penetration Welds	0	0
TOTALS		0	0



Refueling Outage Report McGuire Unit 1 Section 2

Page 4 Revision 0 March 26, 1996

# Section XI Category B-F Pressure Retaining Dissimilar Metal Welds

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Reactor Vessel		
B05.010	NPS 4" or Larger Nozzle to Safe End Butt Welds	0	0
B05.020	Less Than NPS 4" Nozzle to Safe End Butt Welds	N/A	N/A
B05.030	Nozzle to Safe End Socket Welds	N/A	N/A
	Pressurizer		
B05.040	NPS 4" or Larger Nozzle to Safe End Butt Welds	3	3
B05.050	Less Than NPS 4" Nozzle to Safe End Butt Welds	N/A	N/A
B05.060	Nozzle to Safe End Socket Welds	N/A	N/A
	Steam Generator		
B05.070	NPS 4" or Larger Nozzle to Safe End Butt Welds	2	2
B05.080	Less Than NPS 4" Nozzle to Safe End Butt Welds	N/A	N/A
B05.090	Nozzle to Safe End Socket Welds	N/A	N/A
	Heat Exchangers		
B05.100	NPS 4" or Larger Nozzle to Safe End Butt Welds	N/A	N/A
B05.110	Less Than NPS 4" Nozzle to Safe End Butt Welds	N/A	N/A
B05.120	Nozzle to Safe End Socket Welds	N/A	N/A
	Piping		
B05.130	NPS 4" or Larger Dissimilar Metal Butt Welds	2	2
B05.140	Less Than NPS 4" Dissimilar Metal Butt Velds	N/A	N/A
B05.150	Dissimilar Metal Socket Welds	N/A	N/A
TOTALS		7	7

Refueling Outage Report McGuire Unit 1 Section 2 Page 5 Revision 0 March 26, 1996

# Section XI 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	21	21
B06.020	Closure Studs (in place)	0	0
B06.030	Closure Studs (when removed)	21	21
B06.040	Threads in Flange	0	0
B06.050	Closure Washers, Bushings	21	21
	Pressurizer		
B06.060	Bolts and Studs	N/A	N/A
B06.070	Flange Surface (when connection disassembled)	N/A	N/A
B06.080	Nuts, Bushings and Washers	N/A	N/A
	Steam Generators		
B06.090	Bolts and Studs	N/A	N/A
B06.100	Flange Surface (when connection disassembled)	N/A	N/A
B06.110	Nuts, Bushings and Washers	N/A	N/A
	Heat Exchangers		
B06.120	Bolts and Studs	N/A	N/A
B06.130	Flange Surface (when connection disassembled)	N/A	N/A
B06.140	Nuts, Bushings and Washers	N/A	N/A
	Piping		
B06.150	Bolts and Studs	N/A	N/A
B06.160	Flange Surface (when connection disassembled)	N/A	N/A
B06.170	Nuts, Bushings and Washers	N/A	N/A



Refueling Outage Report McGuire Unit 1 Section 2

Page 6 Revision 0 March 26, 1996

## Section XI Category B-G-1

# Pressure Retaining Bolting, Greater Than 2" in Diameter

			Continued
Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pumps	1 4 1 TK-92	
B06.180	Bolts and Studs	0	0
B06.190 ***	Flange Surface (when connection disassembled)	0	0
B06.200	Nuts , Bushings and Washers	0	0
	Valves		
B06.210	Bolts and Studs	N/A	N/A
B06.220	Flange Surface (when connection disassembled)	N/A	N/A
B06.230	Nuts, Bushings and Washers	N/A	N/A
TOTALS		63	63

\*\*\* Note: Items to be inspected but will not be counted in percentages for the B-G-1 category

## Section XI Category B-G-2

#### Pressure Retaining Bolting, 2" and Less in Diameter

		and Less m	Diameter
Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Reactor Vessel		
B07.010	Bolts, Studs and Nuts	N/A	N/A
	Pressurizer		
B07.020	Bolts, Studs and Nuts	0	0
	Steam Generators		
B07.030	Bolts, Studs and Nuts	4	4
	Heat Exchangers		
B07.040	Bolts, Studs and Nuts	N/A	N/A
	Piping		
B07.050	Bolts, Studs and Nuts	0	0



Refueling Outage Report McGuire Unit 1 Section 2

Page 7 Revision 0 March 26, 1996

## Section XI Category B-G-2 Pressure Retaining Bolting, 2" and Less in Diameter

			Continued
Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pumps		1.1.1.1.1.1.1.1
B07.060	Bolts, Studs and Nuts	0	0
	Valves		
B07.070	Bolts, Studs and Nuts	1	1
	CRD Housing		
B07.080	Bolts, Studs and Nuts	0	0
TOTALS		5	5

# Section XI 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	0	0
	Pressurizer		
B08.020	Integrally Welded Attachments	1	1
	Steam Generators		
B08.030	Integrally Welded Attachments	N/A	N/A
	Heat Exchangers		
B08.040	Integrally Welded Attachments	N/A	N/A
TOTALS		1	1



Refueling Outage Report McGuire Unit 1 Section 2

Page 8 Revision 0 March 26, 1996

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
B09.010	NPS 4" or Larger		1
B09.011	Circumferential Welds	10	10
B09.012	Longitudinal Welds *	N/A	N/A
B09.020	Less than NPS 4"		
B09.021	Circumferential Welds	3	3
B09.022	Longitudinal Welds *	N/A	N/A
B09.030	Branch Pipe Connection Welds		
B09.031	NPS 4" or Larger	1	1
B09.032	Less than NPS 4"	3	3
B09.040	Socket Welds	8	8
TOTALS		25	25

# Section XI Category B-J Pressure Retaining Welds in Piping

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

#### Section XI Category B-K-1

#### Integral Attachments for Piping, Pumps and Valves

		i umps and valves		
Item Number	Description	Total Scheduled During Outage	Total Examined During Outage	
	Piping			
B10.010	Integrally Welded Attachments	N/A	N/A	
	Pumps			
B10.020	Integrally Welded Attachments	N/A	N/A	
	Valves			
B10.030	Integrally Welded Attachments	N/A	N/A	
TOTALS		N/A	N/A	

Refueling Outage Report McGuire Unit 1 Section 2

Page 9 Revision 0 March 26, 1996

#### Section XI Category B-L-1 Pressure Retaining Welds in Pump Casings; B-M-1 Pressure Retaining Welds in Valve Bodies; B-L-2 Pump Casings; B-M-2, Valve Bodies

A contrast of the same sector and the same sector for the same sector			
Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pumps		
B12.010	Pump Casing Welds (B-L-1)	N/A	N/A
B12.020	Pump Casing (B-L-2)	0	0
	Valves		
B12.030	Valves, Less than NPS 4" Valve Body Welds (B-M-1)	N/A	N/A
B12.040	Valves, NPS 4" or Larger Valve Body Welds (B-M-1)	N/A	N/A
B12.050	Valve Body, Exceeding NPS 4" (B-M-2)	1	1
TOTALS		1	1



Section XI 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 Sup	port Structures
		Tatal	m-+-1

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Reactor Vessel		
B13.010	Vessel Interior (B-N-1)	1	** 1
	Reactor Vessel (PWR)		
B13.050	Interior Attachments Within Beltline Region (B-N-2)	N/A	N/A
B13.060	Interior Attachments Beyond Beltline Region (B-N-2)	0	0
B13.070	Core Support Structure (B-N-3)	0	0
TOTALS		1	** 1

\*\* Reference Section 9, Request for Relief 94-10 & Section 8, Problem Investigation Process Report 1M94-1467.



Refueling Outage Report McGuire Unit 1 Section 2 Page 10 Revision 0 March 26, 1996

## Section XI 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	1
TOTALS		1	1

#### Section XI 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 IN B15.050	COVERED IN B15.050
B15.011	Pressure Retaining Boundary	COVERED IN B15.051	COVERED IN B15.051
	Pressurizer		
B15.020	Pressure Retaining Boundary	COVERED IN B15.050	COVERED IN B15.050
B15.021	Pressure Retaining Boundary	COVERED IN B15.051	COVERED IN B15.051
	Steam Generators		
B15.030	Pressure Retaining Boundary	COVERED IN B15.050	COVERED IN B15.050
B15.031	Pressure Retaining Boundary	COVERED IN B15.051	COVERED IN B15.051
	Heat Exchangers		
B15.040	Pressure Retaining Boundary	N/A	N/A
B15.041	Pressure Retaining Boundary	N/A	N/A
	Piping		
B15.050	Pressure Retaining Boundary	1	1
B15.051	Pressure Retaining Boundary	0	0



Refueling Outage Report McGuire Unit 1 Section 2 Page 11 Revision 0 March 26, 1996

#### Section XI Category B-P

## All Pressure Retaining Components Continued

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
and out	Pumps		
B15.060	Pressure Retaining	COVERED	COVERED
	Boundary	IN B15.050	IN B15.050
B15.061	Pressure Retaining	COVERED	COVERED
	Boundary	IN B15.051	IN B15.051
	Valves		
B15.070	Pressure Retaining	COVERED	COVERED
	Boundary	IN B15.050	IN B15.050
B15.071	Pressure Retaining	COVERED	COVERED
	Boundary	IN B15.051	IN B15.051
TOTALS		1	1

#### Section XI Category B-Q Steam Generator Tubing

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
B16.020	Steam Generator Tubing in U-Tube Design	* N/A	* N/A
TOTALS		*	*

\* Steam Generator Tubing is examined and documented by the Diversified Services Group of the Electric System Support Department as required by the Station Technical Specifications and is not included in this report. See Eddy Current Examination Report (RFO-10, 1995).



Refueling Outage Report McGuire Unit 1 Section 2 Page 12 Revision 0 March 26, 1996

# F01.010 Class 1 Component Supports

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
F01.010	Reference Section 4.0 of this report	8	8
TOTALS		8	8



Refueling Outage Report McGuire Unit 1 Section 2 Page 13 Revision 0 March 26, 1996

#### 2.2 Class 2 Inspection

## Section XI Category C-A Pressure Retaining Welds in Pressure Vessels

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
C01.010	Shell Circumferential Welds	2	** 1
C01.020	Head Circumferential Welds	5	** 4
C01.030	Tubesheet to Shell Weld	1	** 0
TOTALS		8	** 5

\*\* Reference Request for Relief 96-02

## Section XI 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 ≤ 1/2" Nominal Thickness		
C02.011	Nozzle to Shell (or Head) Weld	0	0
C02.020	Nozzles Without Reinforcing Plate in Vessels >1/2" Nominal Thickness		
C02.021	Nozzle to Shell (or Head) Weld	1	1
C02.022	Nozzle Inside Radius Section	* 1	* 1
C02.030	Nozzles With Reinforcing Plate in Vessels >1/2" Nominal Thickness		
C02.031	Reinforcing Plate Welds to Nozzle and Vessel	0	0
C02.032	Nozzle to Shell (or Head) Welds when Inside of Vessel is Accessible	N/A	N/A



Refueling Outage Report McGuire Unit 1 Section 2 Page 14 Revision 0 March 26, 1996

#### Section XI Category C-B

#### Pressure Retaining Nozzle Welds in Vessels Continued

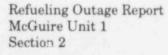
Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
C02.033	Nozzle to Shell (or Head) Welds when Inside of Vessel is Inaccessible	4	4
TOTALS		6	6

<sup>4</sup> (Item # C02.022) Nozzle Inside Radius Section welds are examined as required by table IWC-2500-1 Category C-B. However, for reporting purposes, the totals do not reflect the number of Nozzle Inside Radius Section welds examined during this outage. Nozzle Inside Radius Section welds are to be examined in conjunction with C02.021. examinations.

#### Section XI Category C-C

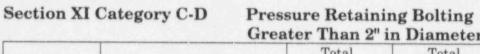
#### Intergal Attachments for Vessels, Piping, Pumps, and Valves

		Piping, Pumps, and V	
Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pressure Vessels		1.1.1.1.1.7
C03.010	Intergally Welded Attachments	0	0
	Piping		
C03.020	Integrally Welded Attachments	2	2
	Pumps		
C03.030	Integrally Welded Attachments	0	0
	Valves		
C03.040	Integrally Welded Attachments	N/A	N/A
TOTALS		2	2



Page 15 Revision 0 March 26, 1996

	Greater Than 2" in Diame			
Item Number	Description	Total Scheduled During Outage	Total Examined During Outage	
	Pressure Vessels			
C04.010	Bolts and Studs	N/A	N/A	
	Piping			
C04.020	Bolts and Studs	N/A	N/A	
	Pumps			
C04.030	Bolts and Studs	N/A	N/A	
	Valves	-		
C04.040	Bolts and Studs	N/A	N/A	
TOTALS		N/A	N/A	





Refueling Outage Report McGuire Unit 1 Section 2

Page 16 Revision 0 March 26, 1996

#### Section XI Category C-F-1

#### Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy 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	12	12
C05.012	Longitudinal Weld *	9	9
C05.020	Piping Welds > 1/5" Nominal Wall Thickness for Piping ≥ NPS 2" and ≤ NPS 4"		
C05.021	Circumferential Weld	6	6
C05.022	Longitudinal Weld *	N/A	N/A
C05.030	Socket Welds	5	5
C05.040	Pipe Branch Connections of Branch Piping ≥ NPS 2"		
C05.041	Circumferential Weld	1	1
C05.042	Longitudinal Weld *	N/A	N/A
TOTALS		33	33

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



Refueling Outage Report McGuire Unit 1 Section 2 Page 17 Revision 0 March 26, 1996

#### Section XI Category C-F-2

Pressure Retaining Welds in Carbon or Low Alloy Steel Piping

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
C05.050	Piping Welds ≥ 3/8" Nominal Wall Thickness for Piping > NPS 4"		
C05.051	Circumferential Weld	4	4
C05.052	Longitudinal Weld *	3	3
C05.060	Piping Welds > 1/5" Nominal Wall Thickness for Piping ≥ NPS 2" and ≤ NPS 4"	N/A	N/A
C05.061	Circumferential	N/A	N/A
C05.062	Longitudinal Weld *	N/A	N/A
C05.070	Socket Welds	N/A	N/A
C05.080	Pipe Branch Connections of Branch Piping ≥ NPS 2"	N/A	N/A
C05.081	Circumferential Weld	N/A	N/A
C05.082	Longitudinal Weld *	N/A	N/A
TOTALS		7	7

\* Longitudinal welds that intersect circumferential welds are examined as required by Table IWC-2500-1, Category C-F-2. However, for reporting purposes, the totals do not reflect the number of longitudinal welds examined during this outage.

Section X	I 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	N/A	N/A
	Valves		
C06.020	Valve Body Welds	1	1
TOTALS		1	1

Refueling Outage Report McGuire Unit 1 Section 2 Page 18 Revision 0 March 26, 1996

Itern Number	Description	Total Scheduled During Outage	Total Examined During Outage
	Pressure Vessels	1	
C07.010	Pressure Retaining Components	COVERED IN C07.030	COVERED IN C07.030
C07.020	Pressure Retaining Components	COVERED IN C07.040	COVERED IN C07.040
	Piping		
C07.030	Pressure Retaining Components	27	27
C07.040	Pressure Retaining Components	0	0
	Pumps		
C07.050	Pressure Retaining Components	COVERED IN C07.030	COVERED IN C07.030
C07.060	Pressure Retaining Components	COVERED IN C07.040	COVERED IN C07.040
	Valves		
C07.070	Pressure Retaining Components	COVERED IN C07.030	COVERED IN C07.030
C07.080	Pressure Retaining Components	COVERED IN C07.040	COVERED IN C07.040
TOTALS		27	27

# Section XI Category C-H All Pressure Retaining Components

# F01 020 Class 2 Component Supports

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
F01.020	Reference Section 4.0 of this report	23	23
TOTALS		23	23



Refueling Outage Report McGuire Unit 1 Section 2

Page 19 Revision 0 March 26, 1996

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
F01.040	Reference Section 4.0 of this report	4	4
TOTALS		4	

#### F010.40 Supports Other than Piping Supports

#### F01.050 Class 1, 2, & 3 Component Support Snubbers

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
F01.050	Reference Section 4.0 of this report	351	351
TOTALS		351	351



## 2.3 Augmented Inspection

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage	
G01.001 RCP Flywheel Exam		2	2	
G02.001	S/G (Eddy Current)	*	*	
G03.001 Pipe Rupture Protection		5	5	
G04.001	S/G Feedwater Modification	1	1	
TOTALS		8	8	

\* Steam Generator Tubing is examined and documented by the Diversified Services Group of the Electric System Support Department as required by the Station Technical Specifications and is not included in this report. See Eddy Current Examination Report (RFO-10, 1995).



Refueling Outage Report McGuire Unit 1 Section 2

Page 20 Revision 0 March 26, 1996



## 2.4 Alternate Examinations

Item Number	Description	Total Scheduled During Outage	Total Examined During Outage
	None Required this Outage	0	0
TOTALS		0	0

A detailed description of each examination listed in Sections 2.1 through 2.4 are located in Section 4 of this report. Results of each examination are located in Section 5 of this report.





Refueling Outage Report McGuire Unit 1 Section 2 Page 21 Revision 0 March 26, 1996

#### 3.0 Second Ten Year Interval Inspection Status

The completion status of inspections required by the 1989 ASME Code Section XI 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, in Table IWC-2500-1 for Class 2 Inspections. Augmented and alternate inspections are also included.

Section XI Category	Description	Inspections Required	Inspections Completed	Percentage Completed	<sup>1</sup> Deferral Allowed
B-A	Pressure Retaining Welds in Reactor Vessel	28 welds	5 welds	17.85%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessel	5 welds	3 welds	60%	No
B-D	Full Penetration Welds of Nozzles in Vessels Inspection Program B	36 inspections	16 inspections	44.44%	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	55	0	0%	Yes
B-F	Pressure Retaining Dissimilar Metal Welds	46 welds	17.66 welds	38.39%	No
B-G-1	Pressure Retaining Bolting Greater than 2 Inch Diameter	264 items	174 items	65.90%	No
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	32 connections	15 connections	46.87%	No
B-H	Integral Attachment for Vessels	12 attachments	5 attachments	41.66%	No
B-J	Pressure Retaining Welds in Piping	221 welds	97 welds	43.89%	No
B-K-1	Integral Attachments for Piping, Pumps and Valves	N/A	N/A	N/A	No
B-L-1	Pressure Retaining Welds in Pump Casings	N/A	N/A	N/A	Yes
B-L-2	Pump Casings	1	1	100%	Yes
B-M-1	Pressure Retaining Welds in Valve Bodies	N/A	N/A	NVA	N/A
B-M-2	Valve Body > 4 in. Nominal Pipe Size	7 valves	3 valves	42.85%	Yes

#### **Class 1 Inspections**



Refueling Outage Report McGuire Unit 1 Section 3 Page 1 Revision 0 March 26, 1996

#### **Class 1 Inspections**

#### (Continued)

Section XI Category	Description	Inspections Required	Inspections Completed	Percentage Completed	<sup>1</sup> Deferral Allowed
B-N-1	Interior of Reactor Vessel	3 items	1 item	**33.33%	No
B-N-2	Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels	2 items	0 items	0%	Yes
B-N-3	Removable Core Support Structures	1 item	0 items	0%	Yes
B-0	Pressure Retaining Welds in Control Rod Housings	3 welds	2 welds	66.66%	Yes
B-P	All Pressure Retaining Components				
	System Leakage Test	6	3	50.00%	No
	System Hydrostatic Test	1	0	0%	Yes
B-Q	Steam Generator Tubing	100% Station Technical Specifications Met	*	*	N/A
F-A F01.010	Class 1 Component Supports (Code Case N- 491)	67 supports	29 supports	43.28%	No

\* Steam Generator Tubing is examined and documented by the Diversified Services Group of the Electric System Support Department as required by the Station Technical Specifications and is not included in this report. See Eddy Current Examination Report (RFO-10, 1995).

\*\* See Section 2 Category (B-N-1) for additional information.



Refueling Outage Report McGuire Unit 1 Section 3

Page 2 Revision 0 March 26, 1996

# **Class 2 Inspections**

Section XI Category	Description	Inspections Required	Inspections Completed	Percentage Completed	<sup>1</sup> Deferral Allowed
C-A	Pressure Retaining Welds in Pressure Vessels	32 welds	* 14 welds	43.75%	No
C-B	Pressure Retaining Nozzle Welds in Vessels	19 welds	10 welds	52.63%	No
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	21 attachments	7 attachments	33.33%	No
C-D	Pressure Retaining Bolting Greater Than 2 Inches in Diameter	N/A	N/A	N/A	No
C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	222 welds	98 welds	44.14%	No
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	56 welds	22 welds	39.28%	No
C-G	Pressure Retaining Welds in Pumps and Valves	8 valves	3 valves	37.50%	No
C-H	All Pressure Retaining Components				
	System or Component Inservice/Functional Test	94	62	65.95%	No
	System Hydrostatic Test	47	0	0%	Yes
F-A F1.20	Class 2 Component Supports (Code Case N-491)	176 supports	82 supports	46.59%	No

 $\ast$  3 Welds not examined. Reference Request for Relief 96-02



Refueling Outage Report McGuire Unit 1 Section 3

Page 3 Revision 0 March 26, 1996



# Additional Component Support Examinations Class 1, 2 & 3

Section XI Category	Description	Inspections Required	Inspections Completed	Percentage Completed	<sup>1</sup> Deferral Allowed
F-A F01.040	Supports other than Piping Supports Class 1, 2 & 3	24 Supports	10 Supports	41.66%	No
F01.050	Class 1, 2 & 3 Snubber Examinations	351 Snubbers	351 Snubbers	100%	No

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

#### **Augmented Inspections**

Augmented	Description	Inspections Required	Inspections Completed	Percentage Completed
G01.001	Reactor Coolant Pump Flywheel Examinations	20 inspections	9 inspections	45%
G02.001	Steam Generator Preheater Section Tube Examinations	*	*	
G03.001	Pipe Rupture Protection	8 welds	5 welds	62.50%
G04.001	Steam Generator Feedwater Modification	1 xxx	1 xxx	

\* Steam Generator Tubing is examined and documented by the Diversified Services Group of the Electric System Support Department as required by the Station Technical Specifications and is not included in this report. See Eddy Current Examination Report (RFO-10, 1995).

xxx 100% of Requirements Met for Outage 10.

#### **Alternate Inspections**

Section XI Category Description		Inspections Required	Inspections Completed	Percentage Completed	<sup>1</sup> Deferral Allowed	
N/A	N/A	N/A	N/A	N/A	N/A	

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

Refueling Outage Report McGuire Unit 1 Section 3

Page 4 Revision 0 March 26, 1996

#### 4.0 Final Inservice Inspection Plan For Outage 10

The final ISI Plan presented in this section lists all examinations credited for Outage 10 at McGuire Unit 1. This includes ASME Section XI Class 1 and 2 examinations, augmented examinations, and any alternate examinations required by the plant technical specifications, NRC Bulletins and Problem Investigation Process Forms.

- 4.1 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 1WB-2500-1 (Class 1),IWC-2500-1 (Class 2), IWF-2500-1 (Class 1, Class 2), Augmented and Alternate Requirements
ID Number	=	Unique Identification Number
Drawing Komber	=	Location and/or Detail Drawing
Locs.	=	Location
Insp. Req.	=	Examination Technique - Magnetic Particle, Dye Penetrant, etc.
Proc. Numbers	=	Examination Procedures
Material Type/Grade	=	General Description of Material
Diam./Thick	=	Diameter/Thickness
Calib. Block	=	Calibration Block Number
Comments	=	General and/or Detail Description



Refueling Outage Report McGuire Unit 1 Section 4

Page 1 Revision 0 March 26, 1996







Plan Report

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

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

										all nepull	
Pressurizer			McGuire 1								
				03/26/96							
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS			
**** Shell-to-He	ad Welds; Longitu	udinal ****									
B02.012.002	1PZR-9	MCM 1201.01-170	NDE-620	UT	CS	91.500	50337	PRESSURIZER	UPPER HEAD TO SHEL	L	
Othe	r	MCM 1201.01-171	NDE-640			3.750		LONGITUDUAL	WELD		
Class A											
Total B02.012 It	ems: 1										
Total B02 Items	: 1										

	-	
		£.
		8
		η.
	80	٢.

Nczzels i	n Ves	D, Full Penetra sels tors (Primary Side	ł	QUALITY /		TECHNIC base Mana	ANY CAL SERVICES agement System	,	Plan Report Page 2	
Steam	acticia	tors (Frinary Side	-	Inservice I	nspection P	lan for In	nterval 2 Outag	03/26/9		
ITEM NUMB	BER	ID NUMBER	ISO/DWG NUMBERS		INSP REQ		CH DIA/THK CAL		COMMENTS	
**** Nozzle	Inside	Radius Section	****							
B03.140.001 Class A	Other	1SGA-INLET	MCM 1201.01-480 MCM 1201.01-135	NDE-680	UT	CS	39.000 7.440	50302	STEAM GENERATOR 1A PRIMARY INLET NOZZLE RADIUSED SECTION	
B03.140.002 Class A	Other	1SGA-OUTLET	MCM 1201.01-480 MCM 1201.01-135	NDE-680	UT	CS	39.000 7.440	50302	STEAM GENERATOR 1A PRIMARY OUTLET NOZZLE RADIUSED SECTION	
B03.140.007 Class A	Other	1SGD-INLET	MCM 1201.01-480 MCM 1201.01-138	NDE-680	UT	CS	39.000 7.440	50302	STEAM GENERATOR 1D PRIMARY INLET NOZZLE RADIUSED SECTION	
B03.140.008	Other	1SGD-OUTLET	MCM 1201.01-480 MCM 1201.01-138	NDE-680	UT	CS	39.000 7.440	50302	STEAM GENERATOR 1D PRIMARY OUTLET NOZZLE RADIUSED SECTION	

Class A

Total B03.140 Items: 4

4

Total B03 Items:



**DUKE POWER COMPANY** 

McGuire 1

## **CATEGORY B-F, Pressure Retaining**

#### QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System

# **Dissimilar Metal Welds**

Pressurizer

Plan Report Page 3 03/26/96

#### Inservice Inspection Plan for Interval 2 Outage 3

ITEM NUMBER	7	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS
**** NPS 4 or	r Large	r; Nozzle-to-Sa	fe End Butt Welds ****						
B05.040.002 O Class A	1 Other	PZR-W2SE	MCM 1201.01-170 MCM 1201.01-171	NDE-610	UT	SS/CS	the second s	50467 50211	PRESSURIZER SPRAY NOZZLE SAFE END SELECTION CRITERIA 4.2.1(2 SIDED EXAM)
	issimilar		MCM 1201.01-170	NDE-35	PT	SS/CS	6.000		PRESSURIZER SPRAY NOZZLE SAFE END
305.040.002A O Class A	ther	PZR-W2SE	MCM 1201.01-171	NDE-35	FI	33/03	1.250		SELECTION CRITERIA 4.2.1
Di	issimilar	r i i i i i i i i i i i i i i i i i i i				and the second		1.111	
Class A	1 hther	PZR-W3SE	MCM 1201.01-170 MCM 1201.01-171	NDE-610	UT	SS/CS	8.000 1.200	50250	PRESSURIZER RELIEF NOZZLE SAFE END,(2 SIDED EXAM ) CAL BLOCKS; 50250 & 50466
B05.040.003A O Class A		PZR-W3SE	MCM 1201.01-170 MCM 1201.01-171	NDE-35	PT	SS/CS	8.000 1.200		PRESSURIZER RELIEF NOZZLE SAFE END
Class A	1 Ither	PZR-W4ASE	MCM 1201.01-170 MCM 1201.01-171	NDE-610	UT	SS/CS	8.000 1.200	50250	PRESSURIZER SAFETY NOZZLE SAFE END (X-Y AXIS) CAL BLOCKS; 50250 & 50466 ( 2 SIDED EXAM )
B05.040.004A O Class A		PZR-W4ASE	MCM 1201.01-170 MCM 1201.01-171	NDE-35	PT	SS/CS	8.000 1.200		PRESSURIZER SAFETY NOZZLE SAFE END (X-Y AXIS)

Total B05.040 Items:



# CATEGORY B-F, Pressure Retaining

4

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

**Dissimilar Metal Welds** 

**Plan Report** 

Steam Generator					McGu	ire 1				Page 4
			Inservice Inspection Plan for Interval 2 Outage 3							
ITEM NUMB	IER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS	
**** NPS 4	or Lar	ger; Nozzle-to-Safe	End Butt Welds ****							
B05.070.001 Class A	Other Dissim	1SGA-INLET-SE	MCM 1201.01-135 MCM 1201.01-480	NDE-610	UT	SS/CS	31.000 2.500	50214	SG1A INLET NOZZLE SAFE END TO BE DONE WITH B05.130.002	
B05.070.001	A Other Dissim	1SGA-INLET-SE	MCM 1201.01-135 MCM 1201.01-480	NDE-35	PT	SS/CS	31.000 2.500		SG1A INLET NOZZLE SAFE END TO BE DONE WITH B05.130.002A	
B05.070.002 Class A	Other Dissim	1SGA-OUTLET-SE	MCM 1201.01-135 MCM 1201.01-480	NDE-610	UT	SS/CS	31.000 2.500	50214	SG1A OUTLET NOZZLE SAFE END TO BE DONE WITH B05.130.003	
B05.070.002	A Other	1SGA-OUTLET-SE	MCM 1201.01-135 MCM 1201.01-480	NDE-35	PT	SS/CS	31.000 2.500		SG1A OUTLET NOZZLE SAFE END TO BE DONE WITH B05.130.003A	

Dissimilar

Total 805.070 Items:



## 0

Plan Report

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

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

DISSIIIIIai M	icial weius				and manual.				Plan Report			
Piping			McGuire 1									
			Inservice I	nspection P	lan for Inte	rval 2 Outag	e 3		03/26/96			
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS				
**** NPS 4 or	Larger; Dissimilar N	letal Butt Welds ****										
B05.130.002 Oth Class A		MCM 1201.01-119/1 MC 1676-4	NDE-610	UT	SS/CS	31.000 2.500	50214	UT FROM ELBOW SIDE TO BE DONE WITH B05.070.001				
B05.130.002A Oth	similar 1NC1F-1-2 ner similar	MCM 1201.01-119/1 MC 1676-4	NDE-35	PT	SS/CS	31.000 2.500		TO BE DONE WITH B05.070.001A				
B05.130.003 Oth Class A Dis	1NC1F-1-3 ier similar	MCM 1201.01-119/2 MC 1676-4	NDE-610	UT	SS/CS	31.000 2.500	50214	UT FROM ELBOW SIDE TO BE DONE WITH B05.070.002				
B05.130.003A Oth	1NC1F-1-3 ner similar	MCM 1201.01-119/2 MC 1676-4	NDE-35	PT	SS/CS	31.000 2.500		TO BE DONE WITH B05.070-002A				
Total B05.130	Items: 4											
Total B05 Item	ns: 14											





ID NUMBER I Nuts **** 1RPV-449-02-16 1RPV-449-02-17 1RPV-449-02-18	ISO/DWG NUMBERS MCM 1201.01-204 MCM 1201.01-206 MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	lan for inter	val 2 Outage DIA/THK CAL 10.540 1.770 10.540 1.770		COMMENTS CLOSURE HEAD NUT	Page 6 03/26/96
1 Nuts **** 1RPV-449-02-16 1RPV-449-02-17	ISO/DWG NUMBERS MCM 1201.01-204 MCM 1201.01-206 MCM 1201.01-204 MCM 1201.01-206	PROC NDE-25	INSP REQ	MAT/SCH CS	DIA/THK CAL 10.540 1.770 10.540	BLOCKS	CLOSURE HEAD NUT	
1 Nuts **** 1RPV-449-02-16 1RPV-449-02-17	MCM 1201.01-204 MCM 1201.01-206 MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	10.540 1.770 10.540		CLOSURE HEAD NUT	
1RPV-449-02-16 1RPV-449-02-17	MCM 1201.01-206 MCM 1201.01-204 MCM 1201.01-206				1.770			
1RPV-449-02-17	MCM 1201.01-206 MCM 1201.01-204 MCM 1201.01-206				1.770			
	MCM 1201.01-206	NDE-25	MT	CS			CLOSURE HEAD NUT	
1RPV-449-02-18					1 770			
1RPV-449-02-18					1.770			
	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
	MCM 1201.01-206				1.770			
1RPV-449-02-19	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
	MCM 1201.01-206				1.770			
1RPV-449-02-20	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
	MCM 1201.01-206				1.770			
1RPV-449-02-21	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
	MCM 1201.01-206				1.770			
1RPV-449-02-22	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
	MCM 1201.01-206				1.770			
1RPV-449-02-23	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
	1RPV-449-02-20 1RPV-449-02-21 1RPV-449-02-22	MCM 1201.01-206 1RPV-449-02-20 MCM 1201.01-204 MCM 1201.01-206 1RPV-449-02-21 MCM 1201.01-204 MCM 1201.01-206 1RPV-449-02-22 MCM 1201.01-204 MCM 1201.01-206	MCM 1201.01-206 1RPV-449-02-20 MCM 1201.01-204 NDE-25 MCM 1201.01-206 NDE-25 1RPV-449-02-21 MCM 1201.01-204 NDE-25 1RPV-449-02-22 MCM 1201.01-204 NDE-25 MCM 1201.01-206 NDE-25	MCM 1201.01-206 1RPV-449-02-20 MCM 1201.01-204 NDE-25 MT 1RPV-449-02-21 MCM 1201.01-204 NDE-25 MT MCM 1201.01-206 NDE-25 MT 1RPV-449-02-22 MCM 1201.01-204 NDE-25 MT 1RPV-449-02-23 MCM 1201.01-204 NDE-25 MT	MCM 1201.01-206         1RPV-449-02-20       MCM 1201.01-204       NDE-25       MT       CS         1RPV-449-02-21       MCM 1201.01-204       NDE-25       MT       CS         1RPV-449-02-21       MCM 1201.01-204       NDE-25       MT       CS         1RPV-449-02-21       MCM 1201.01-206       NDE-25       MT       CS         1RPV-449-02-22       MCM 1201.01-204       NDE-25       MT       CS         1RPV-449-02-23       MCM 1201.01-204       NDE-25       MT       CS	MCM 1201.01-206       1.770         1RPV-449-02-20       MCM 1201.01-204       NDE-25       MT       CS       10.540         1RPV-449-02-21       MCM 1201.01-206       NDE-25       MT       CS       10.540         1RPV-449-02-21       MCM 1201.01-204       NDE-25       MT       CS       10.540         1RPV-449-02-22       MCM 1201.01-204       NDE-25       MT       CS       10.540         1RPV-449-02-22       MCM 1201.01-204       NDE-25       MT       CS       10.540         1RPV-449-02-23       MCM 1201.01-204       NDE-25       MT       CS       10.540         1RPV-449-02-23       MCM 1201.01-204       NDE-25       MT       CS       10.540	MCM 1201.01-206       1.770         1RPV-449-02-20       MCM 1201.01-204       NDE-25       MT       CS       10.540          1RPV-449-02-21       MCM 1201.01-204       NDE-25       MT       CS       10.540          1RPV-449-02-21       MCM 1201.01-204       NDE-25       MT       CS       10.540          1RPV-449-02-22       MCM 1201.01-204       NDE-25       MT       CS       10.540          1RPV-449-02-22       MCM 1201.01-204       NDE-25       MT       CS       10.540          1RPV-449-02-23       MCM 1201.01-204       NDE-25       MT       CS       10.540          1RPV-449-02-23       MCM 1201.01-204       NDE-25       MT       CS       10.540	MCM 1201.01-206       1.770         1RPV-449-02-20       MCM 1201.01-204       NDE-25       MT       CS       10.540        CLOSURE HEAD NUT         1RPV-449-02-21       MCM 1201.01-204       NDE-25       MT       CS       10.540        CLOSURE HEAD NUT         1RPV-449-02-21       MCM 1201.01-204       NDE-25       MT       CS       10.540        CLOSURE HEAD NUT         1RPV-449-02-22       MCM 1201.01-204       NDE-25       MT       CS       10.540        CLOSURE HEAD NUT         1RPV-449-02-22       MCM 1201.01-204       NDE-25       MT       CS       10.540        CLOSURE HEAD NUT         1RPV-449-02-23       MCM 1201.01-204       NDE-25       MT       CS       10.540        CLOSURE HEAD NUT





#### CATEGORY B-G-1, Pressure Retaining Bolting, Greater than 2" In Diameter DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System

Bolting, C	Greate	er than 2" In Dia	ameter Ir	iservice Ins	pection Data		Plan Report			
Reactor	Vesse	1				Page 7				
				Inservice I	<b>nspection</b> P	lan for Inte	rval 2 Outage	e 3		03/26/96
ITEM NUMB	ER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS	
B06.010.024	Other	1RPV-449-02-24	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	10.540 1.770		CLOSURE HEAD NUT	
B06.010.025	Other	1RPV-449-02-25	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	10.540 1.770		CLOSURE HEAD NUT	
B06.010.026	Other	1RPV-449-02-26	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	10.540 1.770		CLOSURE HEAD NUT	
B06.010.027	Other	1RPV-449-02-27	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	10.540 1.770		CLOSURE HEAD NUT	
B06.010.028	Other	1RPV-449-02-28	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	10.540 1.770		CLOSURE HEAD NUT	
B06.010.029	Other	1RPV-449-02-29	MCM 1201.01-204 MCM 1201.01-206	NDE-25	МТ	CS	10.540 1.770		CLOSURE HEAD NUT	
B06.010.030	Other	1RPV-449-02-30	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	10.540 1.770		CLOSURE HEAD NUT	
B06.010.031	Other	1RPV-449-02-31	MCM 1201.01-204 MCM 1201.01-206	NDE-25	<b>MT</b>	CS	10.540 1.770		CLOSURE HEAD NUT	



-

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

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

areate	er than 2 in Dia	ameter "	iservice mis	pection Data		Plan Report			
Vesse	el			McGu	ire 1				Page 8
			Inservice I	nspection P	lan for In	terval 2 Outag	e 3		03/26/96
BER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CAL	BLOCKS	COMMENTS	
	1RPV-449-02-32	MCM 1201.01-204	NDE-25	MT	CS	10.540	*****	CLOSURE HEAD NUT	
Other		MCM 1201.01-206				1.770			
-	1RPV-449-02-33	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
Other		MCM 1201.01-206				1.770			
	1RPV-449-02-34	MCM 1201.01-204	NDE-25	MT	CS	10.540	*****	CLOSURE HEAD NUT	
Other		MCM 1201.01-206				1.770			
	1RPV-449-02-35	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
Other		MCM 1201.01-206				1.770			
	1RPV-449-02-36	MCM 1201.01-204	NDE-25	MT	CS	10.540		CLOSURE HEAD NUT	
Other		MCM 1201.01-206				1.770			
	Vesse ER Other Other Other	VesselERID NUMBER1RPV-449-02-32Other1RPV-449-02-33Other1RPV-449-02-33Other1RPV-449-02-34Other1RPV-449-02-35Other1RPV-449-02-35Other1RPV-449-02-35	Vessel           IER         ID NUMBER         ISO/DWG NUMBERS           1RPV-449-02-32         MCM 1201.01-204           Other         MCM 1201.01-204           Other         1RPV-449-02-33           MCM 1201.01-204         MCM 1201.01-204           Other         1RPV-449-02-33           MCM 1201.01-204         MCM 1201.01-204           Other         1RPV-449-02-34           MCM 1201.01-204         MCM 1201.01-204           Other         1RPV-449-02-35           MCM 1201.01-204         MCM 1201.01-204           Other         1RPV-449-02-35           MCM 1201.01-204         MCM 1201.01-204           Other         1RPV-449-02-35           MCM 1201.01-204         MCM 1201.01-204           Other         1RPV-449-02-35	Vessel         Inservice I           ER         ID NUMBER         ISO/DWG NUMBERS         PROC           1RPV-449-02-32         MCM 1201.01-204         NDE-25           Other         1RPV-449-02-33         MCM 1201.01-204         NDE-25           Other         1RPV-449-02-33         MCM 1201.01-204         NDE-25           Other         1RPV-449-02-33         MCM 1201.01-204         NDE-25           Other         1RPV-449-02-34         MCM 1201.01-204         NDE-25           Other         1RPV-449-02-35         MCM 1201.01-204         NDE-25	Vessel         McGu           IBR         ISO/DWG NUMBERS         PROC         INSP REQ           1RPV-449-02-32         MCM 1201.01-204         NDE-25         MT           Other         1RPV-449-02-33         MCM 1201.01-204         NDE-25         MT           Other         1RPV-449-02-34         MCM 1201.01-204         NDE-25         MT           Other         1RPV-449-02-35         MCM 1201.01-204         NDE-25         MT	Vessel         McGuire 1           Inservice         MAT/SC           Other         1RPV-449-02-32         MCM 1201.01-204         NDE-25         MT         CS         Inservice         MCM         Inservice         <	Vessel         McGuire 1           Inservice Inspection Plan for Interval 2 Outag           IER         ID NUMBER         ISO/DWG NUMBERS         PROC         INSP REQ         MAT/SCH         DIA/THK         CAI           Other         1RPV-449-02-32         MCM 1201.01-204         NDE-25         MT         CS         10.540           Other         1RPV-449-02-33         MCM 1201.01-204         NDE-25         MT         CS         10.540           Other         1RPV-449-02-33         MCM 1201.01-204         NDE-25         MT         CS         10.540           Other         1RPV-449-02-33         MCM 1201.01-204         NDE-25         MT         CS         10.540           Other         1RPV-449-02-34         MCM 1201.01-204         NDE-25         MT         CS         10.540           Other         1RPV-449-02-35         MCM 1201.01-204         NDE-25         MT         CS         10.540           Other         1RPV-449-02-35         MCM 1201.01-204         NDE-25         MT         CS         10.540           Other         1RPV-449-02-35         MCM 1201.01-204         NDE-25         MT         CS         10.540           1.770         MCM 1201.01-204         NDE-25 <td< td=""><td>Vessel         McGuire I           INSPRES         INSPRES         MAT/SCH         DIA/THK         CAL         BLOCKS           IER         ID NUMBER         ISO/DWG NUMBERS         PROC         INSP REQ         MAT/SCH         DIA/THK         CAL         BLOCKS           Other         IRPV-449-02-32         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-33         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-33         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-34         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-34         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-35         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-35         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other</td><td>Vessel         Inservice Inservi</td></td<>	Vessel         McGuire I           INSPRES         INSPRES         MAT/SCH         DIA/THK         CAL         BLOCKS           IER         ID NUMBER         ISO/DWG NUMBERS         PROC         INSP REQ         MAT/SCH         DIA/THK         CAL         BLOCKS           Other         IRPV-449-02-32         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-33         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-33         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-34         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-34         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-35         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other         IRPV-449-02-35         MCM 1201.01-204         NDE-25         MT         CS         10.540            Other	Vessel         Inservice Inservi

Total B06.010 Items:

21



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

McGuire 1

Inservice Inspection Plan for Interval 2 Outage 3

Plan Report Page 9 03/26/96

Reactor Vessel

ITEM NUMBER	R	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCI	H DIA/THK CA	L BLOCKS	COMMENTS	
**** Closure	Stud	s, when removed	****							
306.030.016 O Class A	)ther	1RPV-449-01-16	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
306.030.016A O Class A	other	1RPV-449-01-16	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
306.030.017 O Class A	)ther	1RPV-449-01-17	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
306 030 017A O Class A	other	1RPV-449-01-17	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.018 O Class A	)ther	1RPV-449-01-18	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
306.030.018A O Class A	)ther	1RPV-449-01-18	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
806.030.019 O Class A	other	1RPV-449-01-19	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.019A O	other	1RPV-449-01-19	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688	*****	CLOSURE STUD	

Class A



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

Plan Report

Reactor Vesse	er than 2 in Dia			McGu		Plan Report Page 10			
			Inservice I	nspection P	lan for In	terval 2 Outag	je 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIATHK CA	L BLOCKS	COMMENTS	
B06.030.020	1RPV-449-01-20	MCM 1201.01-204	NDE-942	UT	CS	7.000	50501	CLOSURE STUD	
Other		MCM 1201.01-206				57.688			
Class A									
B06.030.020A	1RPV-449-01-20	MCM 1201.01-204	NDE-25	MT	CS	7.000	an other spectra	CLOSURE STUD	
Other		MCM 1201.01-206				57.688			
Class A									
B06.030.021	1RPV-449-01-21	MCM 1201.01-204	NDE-942	UT	CS	7.000	50501	CLOSURE STUD	and the second design of the second
Other		MCM 1201.01-206				57.688			
Class A									
B06.030.021A	1RPV-449-01-21	MCM 1201.01-204	NDE-25	MT	CS	7.000		CLOSURE STUD	
Other		MCM 1201.01-206				57.688			
Class A									
B06.030.022	1RPV-449-01-22	MCM 1201.01-204	NDE-942	UT	CS	7.000	50501	CLOSURE STUD	
Other		MCM 1201.01-206				57.688			
Class A									
B06.030.022A	1RPV-449-01-22	MCM 1201.01-204	NDE-25	MT	CS	7.000		CLOSURE STUD	
Other		MCM 1201.01-206				57.688			
Class A									
B06.030.023	1RPV-449-01-23	MCM 1201.01-204	NDE-942	UT	CS	7.000	50501	CLOSURE STUD	
Other		MCM 1201.01-206				57.688			
Class A									
B06.030.023A	1RPV-449-01-23	MCM 1201.01-204	NDE-25	MT	CS	7.000		CLOSURE STUD	
Other Class A		MCM 1201.01-206				57.688			



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

Bolting, Greater than 2" In Diameter Inservice Inspection Database Management System								Plan Report	
Reactor Vesse	1			McGu	uire 1				Page 11
			Inservice I	nspection F	Plan for Int	erval 2 Outag	e 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCI	H DIA/THK CAL	BLOCKS	COMMENTS	
B06.030.024 Other Class A	1RPV-449-01-24	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.024A Other Class A	1RPV-449-01-24	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.025 Other Class A	1RPV-449-01-25	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.025A Other Class A	1RPV-449-01-25	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.026 Other Class A	1RPV-449-01-26	MCM 1201.01-294 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.026A Other Class A	1RPV-449-01-26	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.027 Other Class A	1RPV-449-01-27	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.027A Other Class A	1RPV-449-01-27	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	

Class A



	er than 2" In Dia	ameter		McGu		ement Syster			Plan Report Page 12
Reactor Vesse	21		Inservice I			rval 2 Outag	ae 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC			DIA/THK CA		COMMENTS	
B06.030.028 Other Class A	1RPV-449-01-28	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.028A Other Class A	1RPV-449-01-28	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.029 Other Class A	1RPV-449-01-29	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.029A Other Class A	1RPV-449-01-29	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688	*****	CLOSURE STUD	
B06.030.030 Other Class A	1RPV-449-01-30	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.030A Other Class A	1RPV-449-01-30	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.031 Other Class A	1RPV-449-01-31	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.031A Other Class A	1RPV-449-01-31	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	



### DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES

Bolting, Greate	er than 2" In Dia	ameter Ir	service Ins	pection Data	base Mana	gement System	m		Plan Report
Reactor Vesse				McGu	ire 1				Page 13
			Inservice I	nspection P	lan for Int	terval 2 Outa	ge 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CA	AL BLOCKS	COMMENTS	
B06.030.032 Other Class A	1RPV-449-01-32	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.032A Other Class A	1RPV-449-01-32	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.033 Other Class A	1RPV-449-01-33	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.033A Other Class A	1RPV-449-01-33	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.034 Other Class A	1RPV-449-01-34	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.034A Other Class A	1RPV-449-01-34	MCM 1201.01.204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	
B06.030.035 Other Class A	1RPV-449-01-35	MCM 1201.01-204 MCM 1201.01-206	NDE-942	UT	CS	7.000 57.688	50501	CLOSURE STUD	
B06.030.035A Other	1RPV-449-01-35	MCM 1201.01-204 MCM 1201.01-206	NDE-25	MT	CS	7.000 57.688		CLOSURE STUD	

Class A





#### DUKE POWER COMPANY **CATEGORY B-G-1**, Pressure Retaining QUALITY ASSURANCE TECHNICAL SERVICES Bolting, Greater than 2" In Diameter Inservice Inspection Database Management System Plan Report McGuire 1 Page 14 Reactor Vessel 03/26/96 Inservice Inspection Plan for Interval 2 Outage 3 INSP REQ MAT/SCH DIA/THK CAL BLOCKS **ID NUMBER** ISO/DWG NUMB\_RS PROC COMMENTS **ITEM NUMBER** NDE-942 **CLOSURE STUD** 806.030.036 1RPV-449-01-36 MCM 1201.01-204 UT CS 7.000 50501 57.688 Other MCM 1201.01-206 Class A 1RPV-449-01-36 MCM 1201.01-204 NDE-25 MT CS 7.000 CLOSURE STUD B06.030.036A ----57.688 Other MCM 1201.01-206 Class A

Total 106.030 Items: 42



# CATEGORY B-G-1, Pressure Retaining

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

Bolting, Greater than 2" In Diameter

\*\*\*\* Closure Washers, Bushings \*\*\*\*

Other

ID NUMBER

1RPV-449-03-16

McGuire 1

VT-1

Inservice Inspection Plan for Interval 2 Outage 3

CS

INSP REQ MAT/SCH DIA/THK CAL BLOCKS

10.560

COMMENTS

CLOSURE WASHER

Plan Report Page 15 03/26/96

Reactor Vessel

ITEM NUMBER

B06.050.016

Class A									
B06.050.017 Class A	Other	1RPV-449-03-17	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719		CLOSURE WASHER
B06.050.018 Class A	Other	1RPV-449-03-18	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719		CLOSURE WASHER
B06.050.019 Class A	Other	1RPV-449-03-19	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719		CLOSURE WASHER
B06.050.020 Class A	Other	1RPV-449-03-20	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719		CLOSURE WASHER
B06.050.021		1RPV-449-03-21	MCM 1201.01-204	QAL-13	VT-1	CS	10.560	*****	CLOSURE WASHER

PROC

QAL-13

**ISO/DWG NUMBERS** 

MCM 1201.01-204

MCM 1201.01-206

Other Class A	INP V-449-03-21	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VI-I	03	1.719	CLOSONE WASHEN	
B06.050.022 Other Class A	1RPV-449-03-22	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	 CLOSURE WASHER	
B06.050.023 Other	1RPV-449-03-23	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	 CLOSURE WASHER	

Class A



## CATEGORY B-G-1, Pressure Retaining

### Bolting, Greate

#### DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES

Bolting, C	Greate	er than 2" In Dia	imeter In	service Inc	pection Datab		Plan Report			
		the second s			McGu	ire 1				Page 16
Reactor				Inservice I	Inspection P	lan for Int	erval 2 Outag	e 3		03/26/96
ITEM NUMB	ER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH DIA/THK CAL BLOCKS			COMMENTS	
B06.050.024		1RPV-449-03-24	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
B06.050.025		1RPV-449-03-25	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
B06.050.026		1RPV-449-03-26	MCM 1201.01-204	QAL-13	VT-1	CS	10.560	*****	CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
B06.050.027		1RPV-449-03-27	MCM 1201.01-204	QAL-13	VT-1	CS	10.560	****	CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
B06.050.028		1RPV-449-03-28	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
						~~	10 500			

B06.050.029	Other	1RPV-449-03-29	MCM 1201.01-204 MCM 1201.01-206	QAL-13	VT-1	CS	10.560 1.719	*****	CLOSURE WASHER	
Class A										
B06.050.030		1RPV-449-03-30	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
B06.050.031		1RPV-449-03-31	MCM 1201.01-204	QAL-14	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										



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

Bolting, Greater Inan 2" In Diameter Miservice Inspection Database Management System McGuire 1										Plan Report
Reactor	Vesse	1								Page 17 03/26/96
							erval 2 Outag			03/20/50
ITEM NUMB	ER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CA	L BLOCKS	COMMENTS	
B06.050.032		1RPV-449-03-32	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
306.050.033		1RPV-449-03-33	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
306.050.034		1RPV-449-03-34	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
306.050.035		1RPV-449-03-35	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
306.050.036		1RPV-449-03-36	MCM 1201.01-204	QAL-13	VT-1	CS	10.560		CLOSURE WASHER	
	Other		MCM 1201.01-206				1.719			
Class A										
Total B06.0	)50 Iten	ns: 21								

Total B06 Items:

84



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

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

	-	 	 	
and the second se				
Champer and	n	 -		

Plan Report Page 18 03/26/96

Steam 0	Genera	tors			McGu	ire 1			Page 18
				Inservice I	Inspection P	lan for Int	terval 2 Outage 3		03/26/96
ITEM NUMB	BER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH DIA/THK CAL BLOCH		COMMENTS	
**** Bolts,	Studs,	and Nuts ****							
B07.030.003 Class A	Other	1SGB-MW-X-W	MCM 1201.01-136 MCM 1201.01-489	QAL-13	VT-i	CS	1.880 15.510	SG1B PRIMARY MANWAY BOLTING X-W QUADRANT	16 BOLTS
B07.030.004 Class A	Other	1SGB-MW-Z-W	MCM 1201.01-136 MCM 1201.01-489	QAL-13	VT-1	CS	1.880 15.510	SG1B PRIMARY MANWAY BOLTING Z-W QUADRANT	16 BOLTS
B07.030.005 Class A	Other	1SGC-MW-X-Y	MCM 1201.01-137 MCM 1201.01-489	QAL-13	VT-1	CS	1.880 15.510	SG1C PRIMARY MANWAY BOLTING X-Y QUADRANT	16 BOLTS
B07.030.006	Other	1SGC-MW-Y-Z	MCM 1201.01-137 MCM 1201.01-489	QAL-13	VT-1	CS	1.880 15.510	SG1C PRIMARY MANWAY BOLTING Y-Z QUADRANT	16 BOLTS

Class A

Total B07.030 Items:

4





#### DUKE POWER COMPANY **CATEGORY B-G-2, Pressure Retaining** QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System Bolting, 2" And Less In Diameter Plan Report Page 19 McGuire 1 Valves 03/26/96 Inservice Inspection Plan for Interval 2 Outage 3 PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS **ISO/DWG NUMBERS** COMMENTS **ITEM NUMBER** ID NUMBER \*\*\*\* Bolts, Studs, and Nuts \*\*\*\* **VT-1** SS 0.750 6" VALVE, MCFI-1NI85 B07.070.064G 1NI-181 MCM 1205.00-0005 **QAL-13** INSPECT ONLY ONE VALVE OF THIS TYPE PER 0.000 MC 1562-3.1 Other INTERVAL Class A **INSPECTED OUT.2** Total B07.070 Items: 1 Total B07 Items: 5





#### DUKE POWER COMPANY **CATEGORY B-H, Integral Attachments for** QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System Vessels **Plan Report** McGuire 1 Page 20 Pressurizer 03/26/96 Inservice Inspection Plan for Interval 2 Outage 3 PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS **ISO/DWG NUMBERS** COMMENTS **ITEM NUMBER ID NUMBER** \*\*\*\* Integrally Welded Attachments \*\*\*\* CS PZR SUPPORT SKIRT TO LOWER HEAD **1PZR-SKIRT** MCM-1201.01-170 NDE-25 MT 87.000 B08.020.001 RFO 9 EXAMINED PER IWB-2430 Other 1.500 EDSK-379441B REF. PIP 1-M94-1233 Class A Total B08.020 Items: 1 1

Total B08 Items:



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

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

McGuire 1

NPS 4 or Larger

Piping

Plan Report Page 21 03/26/96

Inservice Inspection Plan for Interval 2 Outage 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH DIA/THK CAL BLOCKS	COMMENTS
titt Circumforon	tial Walds ****					

rential Welds ****							
1NCP-224-1	MCFI-1NC-5	NDE-600	UT		6.000	50211	STRESS WELD
ler	MC-1553-2.0				0.719		SELECTION CRITERIA 4.2.1
ess weld							
			Flar	nge			
1NCP-224-1	MCFI-1NC-5	NDE-35	PT	SS	6.000		STRESS WELD
ier	MC-1553-2.0			160	0.719		SELECTION CRITERIA 4.2.1
ess weld			Elbo	ow to			
			Flar	ige			
1NC1F-546	MCFI-1NC-5	NDE-600	UT	SS	6.000	50211	TERMINAL END
er	MC-1553-2.0			160	0.719		PRESSURIZER RELIEF LINE
m end							PIPE TO SE,(2 SIDED EXAM)
1NC1F-546	MCFI-1NC-5	NDE-35	PT	SS	6.000		TERMINAL END
	MC-1553-2.0			160	0.719		PRESSURIZER RELIEF LINE
m end			Noz	zle to			
			Elbo	W			
1NC1F-547	MCFI-1NC-5	NDE-600	UT	SS	6.000	50211	
ier	MC-1553-2 0			160	0.719		
			Elbo	ow to			
			Pipe	•			
1NC1F-547	MCFI-1NC-5	NDE-35	PT	SS	6.000		
er	MC-1553-2.0			160	0.719		
			Elbo	ow to			
			Pipe	3			
1NC-128-2	MCFI-1NC-47	NDE-600	UT	SS	10.000	50209	STRESS WE'D
er	MC-1553-1.0			140	1.000		SELECTION CRITERIA 4.2.1
			Pipe	to			
			Elbo	W			
1NC-128-2	MCFI-1NC-47	NDE-35	PT	SS	10.000		STRESS WELD
				140	1.000		SELECTION CRITERIA 4.2.1
			Pipe	to to			
			Elbo	W			
	1NCP-224-1 her ess weld 1NCP-224-1 her ess weld 1NC1F-546 her rm end 1NC1F-546 her rm end 1NC1F-547 her 1NC1F-547 her 1NC1F-547 her 1NC1F-547	1NCP-224-1         MCFI-1NC-5 MC-1553-2.0           ess weld         1NCP-224-1         MCFI-1NC-5 MC-1553-2.0           ner         MCFI-1NC-5 MC-1553-2.0           ess weld         MCFI-1NC-5 MC-1553-2.0           1NC1F-546         MCFI-1NC-5 MC-1553-2.0           mend         MCFI-1NC-5 MC-1553-2.0           1NC1F-546         MCFI-1NC-5 MC-1553-2.0           mend         MCFI-1NC-5 MC-1553-2.0           1NC1F-547         MCFI-1NC-5 MC-1553-2.0           1NC1F-547         MCFI-1NC-5 MC-1553-2.0           1NC1F-547         MCFI-1NC-5 MC-1553-1.0           ess weld         MCFI-1NC-47 MC-1553-1.0           1NC-128-2         MCFI-1NC-47 MC-1553-1.0           ess weld         MCFI-1NC-47 MC-1553-1.0	1NCP-224-1 herMCFI-1NC-5 MC-1553-2.0NDE-6001NCP-224-1 herMCFI-1NC-5 MC-1553-2.0NDE-351NC1F-546 her m endMCFI-1NC-5 MC-1553-2.0NDE-6001NC1F-546 her m endMCFI-1NC-5 MC-1553-2.0NDE-351NC1F-546 her m endMCFI-1NC-5 MC-1553-2.0NDE-6001NC1F-547 herMCFI-1NC-5 MC-1553-2.0NDE-6001NC1F-547 herMCFI-1NC-5 MC-1553-2.0NDE-6001NC1F-547 herMCFI-1NC-5 MC-1553-2.0NDE-6001NC1F-547 herMCFI-1NC-47 MCFI-1S3-2.0NDE-351NC-128-2 herMCFI-1NC-47 MC-1553-1.0NDE-6001NC-128-2 herMCFI-1NC-47 MCFI-1S3-1.0NDE-35	1NCP-224-1MCFI-1NC-5NDE-600UTherMC-1553-2.0Elboress weldMCFI-1NC-5NDE-35PT1NCP-224-1MCFI-1NC-5NDE-35PTherMC-1553-2.0Elboress weldElborFlar1NC1F-546MCFI-1NC-5NDE-600UTnerMC-1553-2.0NDE-35PTmendMCFI-1NC-5NDE-600UT1NC1F-546MCFI-1NC-5NDE-35PTnerMC-1553-2.0NDE-600UT1NC1F-547MCFI-1NC-5NDE-600UTnerMC-1553-2.0ElborPipe1NC1F-547MCFI-1NC-5NDE-600UTnerMC-1553-2.0ElborPipe1NC1F-547MCFI-1NC-5NDE-35PTnerMCFI-1NC-5NDE-600UTess weldElborPipe1NC-128-2MCFI-1NC-47NDE-600UTnerMC-1553-1.0Pipeess weldElborPipe1NC-128-2MCFI-1NC-47NDE-35PTess weldPipePipe1NC-128-2MCFI-1NC-47NDE-35PTess weldPipePipe1NC-128-2MCFI-1NC-47NDE-35PTess weldPipePipeess weldPipe	1NCP-224-1         MCFI-1NC-5         NDE-600         UT         SS           her         MC-1553-2.0         160         Elbow to         Flange           1NCP-224-1         MCFI-1NC-5         NDE-35         PT         SS           her         MC-1553-2.0         160         Elbow to           ess weld         Elbow to         Flange         160           1NC1F-546         MCFI-1NC-5         NDE-600         UT         SS           ner         MC-1553-2.0         160         UT         SS           ner         MC-1553-2.0         NDE-600         UT         SS           ner         MC-1553-2.0         NDE-600         UT         SS           ner         MC-1553-2.0         160         MC         SS           ner         MC-1553-2.0         160         Nozzle to         Elbow           ner         MC-1553-2.0         160         Nozzle to         Elbow         160           mend         INC1F-547         MCFI-1NC-5         NDE-600         UT         SS         160           ner         MC-1553-2.0         160         Elbow to         Pipe         160           ner         MC-1553-2.0         160	INCP-224-1         MCFI-INC-5         NDE-600         UT         SS         6.000           her         MC-1553-2.0         I60         0.719         Elbow to         Flange           INCP-224-1         MCFI-INC-5         NDE-35         PT         SS         6.000           her         MC-1553-2.0         Elbow to         Flange         0.719           incr         MCFI-INC-5         NDE-35         PT         SS         6.000           her         MC-1553-2.0         Elbow to         Flange         0.719           INC1F-546         MCFI-INC-5         NDE-600         UT         SS         6.000           her         MC-1553-2.0         NDE-600         UT         SS         6.000           iner         MC-1553-2.0         NDE-35         PT         SS         6.000           iner         MC-1553-2.0         NDE-35         PT         SS         6.000           iner         MC-1553-2.0         NDE-600         UT         SS         6.000           iner         MCFI-1NC-5         NDE-35         PT         SS         6.000           iner         MCFI-1NC-5         NDE-35         PT         SS         6.000	INCP-224-1         MCFI-INC-5         NDE-600         UT         SS         6.000         50211           her         MC-1553-2.0         Elbow to Flange         160         0.719         50211           INCP-224-1         MCFI-INC-5         NDE-35         PT         SS         6.000         0.719           ess weld         MC-1553-2.0         Elbow to Flange         160         0.719         0.719           ess weld         MC-1553-2.0         NDE-600         UT         SS         6.000         50211           inscrept and mean         MCFI-INC-5         NDE-600         UT         SS         6.000         50211           inscrept and mean         MC-1553-2.0         NDE-600         UT         SS         6.000         50211           inscrept and mean         MC-1553-2.0         NDE-35         PT         SS         6.000         0.719           immend         MC-1553-2.0         NDE-600         UT         SS         6.000         50211           immend         INC1F-547         MCFI-1NC-5         NDE-600         UT         SS         6.000         50211           immend         INC1F-547         MCFI-1NC-5         NDE-35         PT         SS         6.000



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

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

Piping			lr	Charles and a second second second	pection Data	a strategy and a strategy and a strategy at	ement System			Plan Repor
NPS 4 o	r Larg	er			McGu	uire 1				Page 22
	- Euroge	21		Inservice I	nspection P	Plan for Inte	erval 2 Cutag	e 3		03/26/96
ITEM NUMB	ER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS	
B09.011.057		1NC-128-1	MCFI-1NC-47	NDE-600	UT	SS	10.000	50209	STRESS WELD	
	Other		MC-1553-1.0			140	1.000		SELECTION CRITERIA 4.2.1	
Class A	Stress	weld			Elbow 1 Pipe	to				
B09.011.057	A	1NC-128-1	MCFI-1NC-47	NDE-35	PT	SS	10.000			CTION CRITERIA
	Other		MC-1553-1.0			140	1.000		4.2.1	
Class A	Stress	weld			Elbow t Pipe	to				
B09.011.058		1NC-102-2	MCFI-1NC-47	NDE-600	UT	SS	10.000	50209	STRESS WELD	
	Other		MC-1553-1.0			140	1.000		SELECTION CRITERIA 4.2.1	
Class A	Stress	weld			Pipe to					
					Elbow					
B09.011.058/	A	1NC-102-2	MCFI-1NC-47	NDE-35	PT	SS	10.000		STRESS WELD	
	Other		MC-1553-1.0			140	1.000		SELECTION CRITERIA 4.2.1	
Class A	Stress	weld			Pipe to Elbow					
B09.011.059		1NC-102-1	MCFI-1NC-47	NDE-600	UT	SS	10.000	50209	STRESS WELD	
	Other		MC-1553-1.0			140	1.000		SELECTION CRITERIA 4.2.1	
	Stress	weld			Elbow t	0				
					Pipe					
B09.011.059/	1	1NC-102-1	MCFI-1NC-47	NDE-35	PT	SS	10.000		STRESS WELD	
	Other		MC-1553-1.0			140	1.000		SELECTION CRITERIA 4.2.1	
Class A	Stress	weld			Elbow t Pipe	0				
B09.011.060		1NC1F-109	MCFI-1NC-47	NDE-600	UT	SS	10.000	50209	STRESS WELD	
	Other		MC-1553-1.0			140	1.000		SELECTION CRITERIA 4.2.1	
Class A	Stress	weld			Elbow to Nozzle	0				
B09.011.060A	1	1NC1F-109	MCFI-1NC-47	NDE-35	PT	SS	10.000		STRESS WELD	
	Other		MC-1553-1.0			140	1.000		SELECTION CRITERIA 4.2.1	
	Stress	weld			Elbow t	0				
					Nozzle					



## 0

CATEGORY B	Plan Report								
NPS 4 or ' arg	ler			McGu	ire 1				Page 23 03/26/96
			Inservice II	spection P	lan for Inte	rval 2 Outag	e 3		
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS	
B09.011.226	1NI1F-266	MCFI-1NI-85	NDE-600	UT	SS	6.000	50211		
Other		MC-1562-3.1			160	0.719			
Class A				Pipe to					
				Elbow					
B09.011.226A	1NI1F-266	MCFI-1NI-85	NDE-35	PT	SS	6.000			
Other		MC-1562-3.1			160	0.719			
Class A				Pipe to					
				Elbow					
B09.011.227	1NI-180-1	N°CFI-1NI-85	NDE-600	UT	SS	6.000	50211		
Other		MC-1562-3.1			160	0.719			
Class A				Pipe to					
				Elbow					
B09.011.227A	1NI-180-1	MCFI-1NI-85	NDE-35	PT	SS	6.000	221-52		
Other		MC-1562-3.1			160	0.719			
Class A				Pipe to					
				Elbow					

Total B09.011 Items: 20



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

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

#### McGuire 1

Plan Report Page 24 03/26/96

Less Than NPS 4

Piping

#### Inservice Inspection Plan for Interval 2 Outage 3

20000250		the second s						
ITEM NUMBER	R ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
**** Circumfe	erential Welds ****							
B09.021.001	1NC1F-2643	MCFI-1NC-5	NDE-35	PT	SS	3.000		
0	ther	MC-1553-2.0			160	0.438		
Class A				Reduce	r to			
				Pipe				
B09.021.002	1NC1F-2652	MCFi-1NC-5	NDE-35	PT	SS	3.000		
0	ther	MC-1553-2.0			160	0.438		
Class A				Tee to				
				Pipe				
B09.021.005	1NC1F-525	MCFI-1NC-5	NDE-35	PT	SS	3.000		
0	ther	MC-1553-2.0			XXS	0.600		
Class A				Valve to	)			
				Pipe				
Total B09.02	1 Items: 3							



## 0

CATEGORY B-J, Pressure Retaining Welds In

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

McGuire 1

Branch Pipe Connection Welds

Piping

Plan Report Page 25 03/26/96

### Inservice Inspection Plan for Interval 2 Outage 3

ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS
**** NPS 4 or Lar	ger ****		- 19-17					
B09.031.004 Other Class A	1NC47-WN8	MCFI-1NC-47 MCM 1201.01-119/3	NDE-610		SS 140 PC.B to PC.1 (1-2)	10.000 1.000	50214	SAFETY INJECTION LOOP 1 PC.B TO PC.1 UT FROM MAIN LOOP SIDE ONLY
B09.031.004A Other Class A	1NC47-WN8	MCFI-1NC-47 MCM 1201.01-119/3	NDE-35		SS 140 PC.B to PC.1 (1-2)	10.000 1.000		
Total B09.031 Iter	ns: 2							
**** Less Than N	PS 4 ****							
B09.032.005 Other Class A	1NC23-WN2	MCFI-1NC-23 MCM 1201.01-119/12	NDE-35		SS PC.E to PC.1 (4-6)	2.000 0.344	10.000	RTD BYPASS LOOP 4 PC.E TO PC.1
B09.032.006 Other Class A	1NC24-WN2	MCFI-1NC-24 MCM 1201.01-119/9	NDE-35	PT LOOP 3	SS PC.D to PC.1 (3-15)	2.000 0.344		RTD BYPASS LOOP 3 PC.D TO PC.1
B09.032.007 Other Class A	1NC32-WN8	MCFI-1NC-32 MCM 1201.01-119/11	NDE-35		SS PC.D to PC.2 (4-4)	2.000 0.344		REACTOR COOLANT DRAIN LOOP 4 PC.D TO PC.2

Total B09.032 Items: 3



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

Piping Inservice Inspection Database Management System									Plan Report
Socket	Welds				McGu	ire 1			Page 26
				Inservice I	nspection P	lan for Inte	rval 2 Outage 3		03/26/96
ITEM NUME	BER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH DIA/THK CAL BLOCKS		COMMENTS	
B09.040.001		1NC1F-281	MCFI-1NC-3	NDE-35	PT	SS	2.000		
000.040.001	Other	111011 201	MC-1553-1.0	1102 00		160	0.344		
Class A					Nozzle Pipe	to			
809.040.216		1NV1F-5418	MCFI-1NV-137	NDE-35	PT	SS	2.000		
	Other		MC-1554-1.0			160	0.344		
Class A					Pipe to Elbow				
B09.040.218		1NV1F-5425	MCFI-1NV-137	NDE-35	PT	SS	2.000		
	Other		MC-1554-1.0			160	0.344		
Class A					Elbow to Pipe	D			
B09.040.219		1NV1F-5431	MCFI-1NV-137	NDE-35	PT	SS	2.000		
	Other		MC-1554-1.0			160	0.344		
Class A					Valve to Reducin				
B09.040.220		1NV1F-5685	MCFI-1NV-143	NDE-35	PT	SS	2.000		
	Other		MC-1554-1.1			160	0.344		
Class A					Pipe to Tee				
B09.040.222		1NV1F-6573	MCFI-1NV-143	NDE-35	PT	SS	2.000		
	Other		MC-1554-1.1			160	0.344		
Class A					Elbow to Pipe	)			
B09.040.223		1NV1F-5694	MCFI-1NV-143	NDE-35	PT	SS	2.000		
	Other		MC-1554-1.1			160	0.344		
Class A					Pipe to Elbow				
B09.040.224		1NV1F-5698	MCFI-1NV-143	NDE-35	PT	SS	2.000		
	Other		MC-1554-1.1			160	0.344		
Class A					Pipe to Valve				

8 Total B09.040 Items:

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



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

36

#### DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection "Patabase Management System

McGuire 1

Inservice Inspection Plan for Interval 2 Outage 3

Plan Report Page 27 03/26/96

ITEM NUMBER ID NUMBER

PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS

Total B09 Items:

Socket Welds

**ISO/DWG NUMBERS** 



## CATEGORY B-M-2, Valve Bodies

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

Plan Report

Valves		Page 28 03/26/96						
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ		val 2 Outage 3 DIA/THK CAL BLOCKS	COMMENTS	
**** Valve Body,	Exceeding NPS 4	****	-1-4 <u>-</u> 4					
B12.050.004F Oti Class A	1NI-82	MCM 1205.36-0010 MC 1562-2.1	QAL-14	VT-3	SS	10.000 0.000	MCFI-1NI87 ATWOOD-MORRILL CHECH INSPECT ONE VALVE OF T INTERVAL INSPECT ONLY	THIS TYPE PER
Total B12.050 Ite	ms: 1							

Total B12 Items:



CATEGORY B-N-1, Interior of Reactor Vessel

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

Plan Report

Reactor Ves	sel			Page 2 03/26/5						
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS		INSP REQ		erval 2 Outage		COMMENTS		
**** Vessel Inte	erior ****									
B13.010.001 Othe Class A	1RPV-INTERIOR er	MCM 1201.01-146 MCM 1201.01-223	QAL-14	VT-3	SS	0.000 0.000		AREA ABOVE AND BELC ACCESSIBLE DURING R REF PIP:1M94-1467, RFF SEE DESIGN EVAL. MC	NG REF. , RFR94-10	
Total B13.010 I	tems: 1									

Total B13 Items:

	68		
1		24	
- 22			
100			
12		9	
		<b>9</b>	



#### DUKE POWER COMPANY **CATEGORY B-O, Pressure Retaining Welds** QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System In Control Rod Housings Plan Report Page 30 McGuire 1 **Reactor Vessel** 03/26/96 Inservice Inspection Plan for Interval 2 Outage 3 INSP REQ MAT/SCH DIA/THK CAL BLOCKS PROC COMMENTS ITEM NUMBER **ID NUMBER ISO/DWG NUMBERS** \*\*\*\* Welds in CRD Housing \*\*\*\* PT CRD HOUSING WELD B14.010.010 1RPV-CRDM-64 MCM 1201.01-224 **NDE-35** SS/Inconel 4.000 ..... (PERIPHERAL) 0.642 Other Class A Total B14.010 Items: 1 1

Total B14 Items:



### CATEGORY B-Q, Steam Generator Tubing

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

Plan Report

	re 1	McGui		ube Design	Steam Generator Tubing in U-Tube Design					
rval 2 Outage 3	an for Inter	nspection Pl	service In							
DIA/THK CAL BLOCKS	MAT/SCH	INSP REQ	PROC	ISO/DWG NUMBERS	ID NUMBER	ITEM NUMBER				
						**** ****				
0.750	Inconel	ET	-	MCM 1201.01-135	1SGA-TUBES	B16.020.001				
0.043				MCM 1201.01-187		Other Class A				
0.750	Inconel	ET		MCM 1201.01-136	1SGB-TUBES	B16.020.002				
0.043				MCM 1201.01-187		Other Class A				
0.750	Inconel	ET		MCM 1201.01-137	1SGC-TUBES	B16.020.003				
0.043				MCM 1201.01-187		Other Class A				
0.750	Inconel	ET		MCM 1201.01-138	1SGD-TUBES	B16.020.004				
0.043				MCM 1201.01-187		Other Class A				
	0.750 II 0.043 F 0.043 F 0.043 F 0.043 F 0.043 F 0.043 F 0.043 F 0.043 F 0.043 F	Inconel         0.750         II           0.043         F           0.043         F           1nconel         0.750         II           0.043         F         T           1nconel         0.750         II           0.043         F         T           1nconel         0.750         II           0.043         F         T	INSP REQ       MAT/SCH DIA/THK CAL BLOCKS         ET       Inconel       0.750       III         0.043       F       T         ET       Inconel       0.750       III         O.043       F       T       T         ET       Inconel       0.750       III         0.043       F       T       T	INSP REQ       MAT/SCH DIA/THK CAL BLOCKS         ET       Inconel       0.750       II         0.043       F       0.043       F         ET       Inconel       0.750       II         ET       Inconel       0.750       II         ET       Inconel       0.750       II         0.043       F       T       T         ET       Inconel       0.750       II         0.043       F       T       T	Inservice Inspection Plan for Interval 2 Outage 3           ISO/DWG NUMBERS         PROC         INSP REQ         MAT/SCH         DIA/THK         CAL BLOCKS           MCM 1201.01-135         ET         Inconel         0.750         II           MCM 1201.01-187         ET         Inconel         0.750         II           MCM 1201.01-136         ET         Inconel         0.750         II           MCM 1201.01-136         ET         Inconel         0.750         II           MCM 1201.01-136         ET         Inconel         0.750         II           MCM 1201.01-187         ET         Inconel         0.750         II           MCM 1201.01-137         ET         Inconel         0.750         II           MCM 1201.01-187         0.043         F         0.043         F	Inservice Inspection Plan for Interval 2 Outage 3ID NUMBERISO/DWG NUMBERSPROCI/NSP REQMAT/SCHDIA/THK CAL BLOCKS1SGA-TIJBESMCM 1201.01-135ETInconel0.750II1SGB-TUBESMCM 1201.01-136ETInconel0.750II1SGB-TUBESMCM 1201.01-136ETInconel0.750II1SGC-TUBESMCM 1201.01-187ETInconel0.750II1SGD-TUBESMCM 1201.01-137ETInconel0.750II1SGD-TUBESMCM 1201.01-137ETInconel0.750II1SGD-TUBESMCM 1201.01-137ETInconel0.750II1SGD-TUBESMCM 1201.01-138ETInconel0.750II0.043FT0.043FT0.043FT1SGD-TUBESMCM 1201.01-187ETInconel0.750II0.043FT0.043FT0.043FT1SGD-TUBESMCM 1201.01-187ETInconel0.750II1SGD-TUBESMCM 1201.01-187ETInconel0.750II1SGD-TUBESMCM 1201.01-187Inconel0.750II1SGD-TUBESMCM 1201.01-187Inconel0.750II1SGD-TUBESMCM 1201.01-187Inconel0.750II1SGD-TUBESMCM 1201.01-187Inconel0.750II1SGD-TUBESMCM 1201.01-187Inconel0.750II1SGD-TUBESMCM 1201.01-187Incon				

Total B16.020 Items: 4

4

Total B16 Items:



## 0

CATEGORY C	-A, Pressure Re essels		QUALITY /	DUKE POWE ASSURANCE pection Datab McGu	TECHNICAI	L SERVICES	n	Plan Re		
Sheil Circumf	erential Welds		In complete l		Page 32 03/26/96					
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS		INSP REQ		DIA/THK CA		COMMENTS		
C01.010.080 Other Class B	1ACSHX-SH-47	MCM 1201.06-25	NDE-630	UT	NA	54.000 0.625	50422	CONTAINMENT SPRAY HEAT EXC SHELL TO PLATE 1/16" MIN. CLADDING	HANGER 1A	
C01.010.090 Other Class B	1RCPA-8-1	MCM 1201.04-197	NDE-630	UT	SS	6.660 0.495	50319	RECIPROCATING CP ACC. FLANGE TO SHELL (UT WALL THI THE USE OF CORRECT UT PROC		
Total CO1 010 Ha										

Total C01.010 Items: 2

CATEGORY C-A, Pressure Retaining Welds In Pressure Vessels										
In Pressure Ve		In	service Insp			Plan Report				
Head Circum	ferential Welds		inconvico la	McGu nspection P		vel 2 Outen	. 3		Page 33 03/26/96	
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ		DIA/THK CAL		COMMENTS		
C01.020.001 Other Class B	1SGD-06B-07	MCM 1201.01-138	NDE-620 NDE-640	UT	CS	0.000 3.890	50279	STEAM GENERATOR 1D UPPER SHELL TO HEAD		
C01.020.050 Other	1LDHX-04-03	MCM 1201.06-21	NDE-630	UT	SS	22.000 0.480	50420	LETDOWN HEAT EXCHANGER HEAD TO BONNET SHELL		

Class B	Other						0.480		HEAD TO BONNET SHELL
C01.020.080 Class B	Other	1RCPA-10-1	MCM 1201.04-197	NDE-630	UT	SS	6.660 0.495	50319	RECIPROCATING CP ACC. SHELL TO HEAD (UT WALL THICK. TO VERIFY THE USE OF CORRECT UT PROCEDURE)
C01.020.090 Class B	Other	1RCPSS-SH-3	MCM 1201.04-272	NDE-630	UT	SS	12.000 0.375	50313	RECIPROCATING CP SUCTION STABLIZER SHELL TO UPPER HEAD
C01.020.091 Class B	Other	1RCPSS-SH-2	MCM 1201.04-272	NDE-630	UT	SS	12.000 0.375	50313	RECIPROCATING CP SUCTION STABLIZER SHELL TO LOWER HEAD

Total C01.020 Items:

5

1		
ġ,		k
		8
		κ.

#### DUKE POWER COMPANY **CATEGORY C-A, Pressure Retaining Welds** QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System McGuiro 1

In Pressure Vessels

Plan Report Page 34

Tubesheet-to-	Shell Weld			MCGU	lire 1			Page 34 03/26/96	
Inservice Inspection Plan for Interval 2 Outage 3									
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/S	CH DIA/THK CAL BLOCKS	COMMENTS		
C01.030.010 Other	1ACSHX-SH-48	MCM 1201.06-25	NDE-630	UT	CS	55.250 50422 0.625	CONTAINMENT SPRAY H		
Class B							CS+1/16 MIN. CLADDING		
Total C01.030 Ite	ms: 1								
Total C01 Items:	8								

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

CATEGORY C- Welds In Vess		etaining Nozzle	QUALITY A	ASSURANCE	R COMPANY TECHNICAL	SERVICES		Plan Repor
Nozzles Witho	out Reinforcing Pl	ate in Vessels >		McGu	ire 1	Page 3		
1/2 in. Nom. T			Inservice I	nspection P	lan for Inter	03/26/9		
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS
**** Nozzle-to-Sh	nell (or Head) Wel	d ****						
C02.021.002	1SGA-SB-02	MCM 1201.01-117	NDE-620	UT	CS	16.000	50279	STEAM GENERATOR 1A
Other Class B		MCM 1201.01-135	NDE-640			3.250		FEEDWATER NOZZLE TO STUB BARREL DWG.# MCM 1201.01-480
C02.021.002A	1SGA-SB-02	MCM 1201.01-117	NDE-25	MT	CS	16.000		STEAM GENERATOR 1A
Other Class B		MCM 1201.01-135				3.250		FEEDWATER NOZZLE TO STUB BARREL DWG.# MCM 1201.01-480
Total C02.021 Iter	ms: 2							
**** Nozzle Insid	e Radius Section	****						
C02.022.002 Other Class B	1SGA-SB-02	MCM-1201.01-117 MCM-1201.01-135	NDE-680	UT	CS	16.000 3.250	50279	STEAM GENERATOR 1A FEEDWATER NOZZLE INSIDE RADIUS DWG.# MCM 1201.01-480

Total C02.022 Items:

1

## 0

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

rcing Plate In Vessels > 1/2

Plan Report Page 36 03/26/96

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

7

**CATEGORY C-B, Pressure Retaining Nozzle** 

McGuire 1 Inservice Inspection Plan for Interval 2 Outage 3

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

	and the second division of the second divisio		minor monde er rec	A A A A A A A A A A A A A A A A A A A				
C02.033.001 Class B	Other	1RHR-1A-INLET	MCM 1201.06-22	QAL-15	VT-2	SS	14.000 0.750	RHR HEAT EXCH. 1A INLET NOZ. A AND REINF. PADS:EXAM. EACH PER.,REF. C07.030.005 (1ST & 2ND PER. ),C07.040.018 (3RD PER.)
C02.033.002 Class B	Other	1RHR-1A-OUTLET	MCM 1201.06-22	QAL-15	VT-2	SS	14.000 0.750	RHR HEAT EXCH. 1A OUTLET NOZ. B AND REINF. PADS:EXAM. EACH PERIOD,REF. C07.030.005 (1ST & 2ND PER. ),C07.040.018 (3RE PER.)
C02.033.005 Class B	Other	1ACSHX-1A-INLET	MCM 1201.06-25 MC 1563-1.0	QAL-15	VT-2	SS	10.000 0.250	CONT.SPRY. HX 1A INLET NOZ.A AND REINF. PADS:EXAM. EACH PERIOD,REF. C07.030.009 (1ST & 2ND PER.),C07.040.024(3RD PERIOD)
C02.033.006 Class B	Other	1ACSHX-1B-OUTLE	T MCM 1201.06-25 MC 1563-1.0	QAL-15	VT-2	SS	10.000 0.250	CONT.SPRY.HX 1A OUTLET NOZ.A AND REINF.PADS:EXAM. EACH PERIOD,REF. C07.030.009 (1ST & 2ND PER. ),C07.040.024(3RD PERIOD)

Total C02.033 Items: 4

Total C02 Items:

Welds In Vessels





#### DUKE POWER COMPANY **CATEGORY C-C, Integral Attachments For** QUALITY ASSURANCE TECHNICAL SERVICES Vessels, Piping, Pumps, And Valves Inservice Inspection Database Management System Plan Report McGuire 1 Page 37 Piping 03/26/96 Inservice Inspection Plan for Interval 2 Outage 3 INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS PROC **ITEM NUMBER ID NUMBER ISO/DWG NUMBERS** \*\*\*\* Integrally Welded Attachments \*\*\*\* CS 0.000 1MCR-CF-158 1MCR-CF-H158 NDE-25 MT C03.020.001 MCSRD-CFC/1 1.125 Other Class B MT CS 0.000 C03.020.003 1MCR-CF-174 1MCR-CF-H174 NDE-25 1.125 MCSRD-CFC/6 Other Class B Total C03.020 items: 2 2

Total C03 Items:

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

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

TO BE DONE WITH C05.012.008

Plan Report Page 38 03/26/96

Piping Welds	3 3/8 in. Nominal	Wall Thickness		McGu	ire 1						
for Piping > N	PS 4		Inservice Inspection Plan for Interval 2 Outage 3								
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	PROC INSP REQ		MAT/SCH DIA/THK CAL BLOCKS					
**** Circumferer	tial Wold ****										
C05.011.007	1ND12A-1	MCFI 1ND24	NDE-600	UT	SS	18.000	50431	TO BE DONE W			
Other		MC 1561-1.0			STD	0.375					
Class B				Reduce	r to						
				Tee							
C05.011.007A	1ND12A-1	MCFI 1ND24	NDE-35	PT	SS	18.000		TO BE DONE W			
Other		MC 1561-1.0			STD	0.375					
Class B				Reduce	r to						
				Tee							
C05.011.010	1ND1F21A	MCFI 1ND24	NDE-600	UT	SS	18.000	50431	TO BE DONE W			

				Tee				
C05.011.007A	1ND12A-1	MCFI 1ND24	NDE-35	PT	SS	18.000		TO BE DONE WITH C05.012.008A
Other		MC 1561-1.0			STD	0.375		
Class B				Red	ucer to			
				Tee				
C05.011.010	1ND1F21A	MCFI 1ND24	NDE-600	UT	SS	18.000	50431	TO BE DONE WITH C05.012.012
Other		MC 1561-1.0			STD	0.375		
Class B				Pipe	to			
				Tee				
C05.011.010A	1ND1F21A	MCFI 1ND24	NDE-35	PT	SS	18.000		TO BE DONE WITH C05.012.012A
Other		MC 1561-1.0			STD	0.375		
Class B				Pipe	to			
				Tee				
C05.011.011	1ND1F125	MCFI 1ND30	NDE-600	UT	SS	14.000	50432	TERMINAL END
Other		MC 1561-1.0				0.375		R TO CONN TO RHR HX1B
Class B Term e	and			Redu	ucer to			TO BE DONE WITH C05.012.013
				CON	IN TO RHR HX	(1B		
C05.011.011A	1ND1F125	MCFI 1ND30	NDE-35	PT	SS	14.000		TO BE DONE WITH C05.012.013A
Other		MC 1561-1.0				0.375		
Class B				Redu	ucer to			
				CON	IN TO RHR HX	(1B		
C05.011.012	1ND133-1	MCFI 1ND31	NDE-600	UT	SS	12.000	50313	TO BE DONE WITH C05.012.014
Other		MC 1561-1.0			STD	0.375		
Class B				Tee	to			
				Redu	ucer			
C05.011.012A	1ND133-1	MCFI 1ND31	NDE-35	PT	SS	12.000		TO BE DONE WITH C05.012.014A
Other		MC 1561-1.0			STD	0.375		
Class B				Tee	to			
				Redu	ucer			





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

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

Plan Report

Piping Welds <sup>3</sup> 3/8 in. Nominal Wall Thickness			McGu	ire 1			Plan Report Page 39		
for Piping > N		Inservice I	nspection P	lan for In	terval 2 Outag		03/26/96		
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	CH DIA/THK CAI	BLOCKS	COMMENTS	
C05.011.029 Other	1ND1F-87	MCFI 1ND31 MC 1561-1.0	NDE-600	UT	SS STD	12.000 0.375	50313	TO BE DONE WITH C05.012.031	
Class B				Pipe to Eibow					
C05.011.029A	1ND1F-87	MCFI 1ND31	NDE-35	PT	SS	12.000		TO BE DONE WITH C05.012.031A	
Other		MC 1561-1.0			STD	0.375			
Class B				Pipe to Elbow		12.4			
C05.011.030 Other Class B	1ND72-6A	MCFI 1ND31 MC 1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	TO BE DONE WITH C05.012.032	
C05.011.030A Other Class B	1ND72-6A	MCFI 1ND31 MC 1561-1.0	NDE-35	РТ	SS	12.000 0.375		TO BE DONE WITH C05.012.032A	
C05.011.031	1ND72-5A	MCFI 1ND31	NDE-600	UT	SS	12.000	50313	TO BE DONE WITH C05.012.033	
Other		MC 1561-1.0			STD	0.375			
Class B				Pipe to Elbow					
C05.011.031A Other	1ND72-5A	MCFI 1ND31 MC 1561-1.0	NDE-35	PT	SS STD	12.000 0.375		TO BE DONE WITH C05.012.033A	
Class B		MC 1301-1.0		Pipe to Elbow	010	0.070			
C05.011.032	1ND72-4	MCFI 1ND31	NDE-600	UT	SS	12.000	50313	TO BE DONE WITH C05.012.034	
Other		MC 1561-1.0		Clin and A	STD	0.375			
Class B				Elbow to Pipe	0				
C05.011.032A	1ND72-4	MCFI 1ND31	NDE-35	PT	SS	12.000		TO BE DONE WITH C05.012.034A	
Other		MC 1561-1.0		-	STD	0.375			
Class B				Elbow to	0				
				Pipe					



## **CATEGORY C-F-1, Pressure Retaining Welds** Ma CC as Illah Allas Distan

#### DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES ation Databasa Managamant Cust

In Austenitic SS or High Alloy Piping Piping Welds <sup>3</sup> 3/8 in. Nominal Wall Thickness		nservice Insp		Plan Report Page 40					
for Piping >	Inservice I	nspection F	Plan for In	terval 2 Outag		03/26/96			
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CAI	L BLOCKS	COMMENTS	
C05.011.033	1ND72-3	MCFI 1ND31	NDE-600	UT	SS	12.000	50313	TO BE DONE WITH C05.012.035	
Oth	er	MC 1561-1.0			STD	0.375			
Class B				Pipe to					
				Elbow					
C05.011.033A	1ND72-3	MCFI 1ND31	NDE-35	PT	SS	12.000		TO BE DONE WITH C05.012.035A	
Oth	er	MC 1561-1.0				0.375			
Class B				Pipe to					
				Elbow					
C05.011.034	1ND72-2	MCFI 1ND31	NDE-600	UT	SS	12.000	50313	TO BE DONE WITH C05.012.036	
Oth	er	MC 1561-1.0			STD	0.375			
Class B				Elbow	to				
				Pipe					
C05.011.034A	1ND72-2	MCFI 1ND31	NDE-35	PT	SS	12.000		TO BE DONE WITH C05.012.036A	
Oth	er	MC 1561-1.0			STD	0.375			
Class B				Elbow !	to				
				Pipe					
C05.011.035	1ND72-1	MCFI 1ND31	NDE-600	UT	SS	12.000	50313	TO BE DONE WITH C05.012.037	
Oth	er	MC 1561-1.0			STD	0.375			
Class B				Pipe to					
				Elbow					
C05.011.035A	1ND72-1	MCFI 1ND31	NDE-35	PT	SS	12.000		TO BE DONE WITH C05.012.037A	
Oth		MC 1561-1.0			STD	0.375			
Class B				Pipe to					
				Elbow					
C05.011.037	1ND70-1	MCFI 1ND31	NDE-600	UT	SS	12.000	50433		
Oth		MC 1561-1.0			80	0.688			
Class B				Pipe to					
				Flange					
C05.011.037A	1ND70-1	MCFI 1ND31	NDE-35	PT	SS	12.000			
Oth		MC 1581-1.0			80	0.688			
Class B				Pipe to					
				Flange					

Total C05.011 Items: 24

\*\*\*\* Longitudinal Weld \*\*\*\*



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

Plan Report

Piping Welds	3/8 in. Nominal V			McGu	ire 1				Plan Report Page 41 03/26/96
for Piping > NI			Inservice I	nspection P	lan for Int	erval 2 Outag	le 3		
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC			H DIA/THK CA		COMMENTS	
C05.012.013 Other Class B	1ND1F-125L	MCFI-1ND-30 MC-1561-1.0	NDE-600	UT	SS	14.000 0.375	50432	REDUCER TO BE DONE WITH C05.011.011	
C05.012.013A Other Class B	1ND1F-125L	MCFI-1ND-30 MC-1561-1.0	NDE-35	РТ	SS	14.000 0.375		REDUCER TO BE DONE WITH C05.011.011A	
C05.012.014 Other Class B	1ND133-1L	MCFI-1ND-31 MC-1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	REDUCER TO BE DONE WITH C05.011.012	
C05.012.014A Other Class B	1ND133-1L	MCFI-1ND-31 MC-1561-1.0	NDE-35	РТ	SS	12.000 0.375		REDUCER TO BE DONE WITH C05.011.012A	
C05.012.031 Other Class B	1ND1F-87L	MCFI-1ND31 MC-1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	ELBOW TO BE DONE WITH C05.011.029	
C05.012.031A Other Class B	1ND1F-87L	MCFI-1ND31 MC-1561-1.0	NDE-35	PT	SS	12.000 0.375		ELBOW TO BE DONE WITH C05.011.029A	
C05.012.032 Other Class B	1ND-72-6AL	MCFI-1ND31 MC1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	EI.BOW TO BE DONE WITH C05.011.030	
C05.012.032A Other Class B	1ND-72-6AL	MCFI-1ND31 MC-1561-1.0	NDE-35	PT	SS	12.000 0.375		ELBOW TO BE DONE WITH C05.011.030A	



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

Plan Report

Piping Welds	3/8 in. Nominal	Wall Thickness		McGu	ire 1				Page 42
for Piping > N			Inservice I	nspection P	lan for Inte	rval 2 Outag	e 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS	
C05.012.033 Other Class B	1ND-72-5AL	MCFI-1ND31 MC-1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	ELBOW TO BE DONE WITH C05.011.031	
C05.012.033A Other Class B	1ND-72-5AL	MCFI-1ND31 MC-1561-1.0	NDE-35	PT	SS	12.000 0.375		ELBOW TO BE DONE WITH C05.011.031A	
C05.012.034 Other Class B	1ND-72-4L	MCFI-1ND31 MC1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	ELBOW TO BE DONE WITH C05.011.032	
C05.012.034A Other Class B	1ND-72-4L	MCFI-1ND31 MC-1561-1.0	NDE-35	РТ	SS	12.000 0.375		ELBOW TO BE DONE WITH C05.011.032A	
C05.012.035 Other Class B	1ND-72-3L	MCFI-1ND31 MC-1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	ELBOW TO BE DONE WITH C05.011.033	
C05.012.035A Other Class B	1ND-72-3L	MCFI-1ND31 MC-1561-1.0	NDE-35	РТ	SS	12.000 0.375		ELBOW TO BE DONE WITH C05.011.033A	
C05.012.036 Other Class B	1ND-72-2L	MCFI-1ND31 MC-1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	ELBOW TO BE DONE WITH C05.011.034	
C05.012.036A Other Class B	1ND-72-2L	MCFI-1ND31 MC-1561-1.0	NDE-35	РТ	SS	12.000 0.375		ELBOW TO BE DONE WITH C05.011.034A	



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

Plan Report

Pining Welds	3/8 in. Nominal			McGu	ire 1			Page 43	
	for Piping > NPS 4			nspection P	lan for In	terval 2 Outage		03/26/96	
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CAL	BLOCKS	COMMENTS	
C05.012.037 Other Class B	1ND-72-1L	MCFI-1ND31 MC-1561-1.0	NDE-600	UT	SS	12.000 0.375	50313	ELBOW TO BE DONE WITH C05.011.035	
C05.012.037A Other Class B	1ND-72-1L	MCFI-1ND31 MC-1561-1.0	NDE-35	РТ	SS	12.000 0.375		ELBOW TO BE DONE WITH C05.011.035A	

Total C05.012 Items: 18

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

Plan Report

**CATEGORY C-F-1, Pressure Retaining Welds** 

In Austenitic SS or High Alloy Piping

Piping Welds	> 1/5 in. Nom Wa	II For Piping 3		McGu	iire 1				Page 44
NPS 2 And <sup>2</sup> N			Inservice In	nspection P	lan for In	terval 2 Outag	e 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CAL	BLOCKS	COMMENTS	
**** Circumferen	tial Weld ****								
C05.021.051	1NV615-1	MCFI-1NV-5	NDE-600	UT	SS	2.000	50217		
Other		MC-1554-1.1			160	0.344			
Class B				Pipe to Flange					
C05.021.051A	1NV615-1	MCFI-1NV-5	NDE-35	PT	SS	2.000			
Other		MC-1554-1.1			160	0.344			
Class B				Pipe to Flange					
C05.021.053	1NV1F-5681	MCFI-1NV-8	NDE-600	UT	SS	4.000	50275		
Other		MC-1554-3.1			160	0.531			
Class B				Tee to					
				Pipe					
C05.021.053A	1NV1F-5681	MCFI-1NV-8	NDE-35	PT	SS	4.000	*****		
Other		MC-1554-3.1			160	0.531			
Class B				Tee to Pipe					
C05.021.054	1NV15-2	MCFI-1NV-8	NDE-60	UT	SS	4.000	50275		
Other		MC-1554-3.1			160	0.531			
Class B				Tee to					
				Pipe					
C05.021.054A	1NV15-2	MCFI-1NV-8	NDE-35	PT	SS	4.000			
Other		MC-1554-3.1			160	0.531			
Class B				Tee to					
				Pipe					
C05.021.055	1NV1F-1981	MCFI-1NV-8	NDE-600	UT	SS	3.000	50225		
Other		MC-1554-3.1			160	0.438			
Glass B				Tee to					
				Elbow					
C05.021.055A	1NV1F-1981	MCFI-1NV-8	NDE-35	PT	SS	3.000			
Other		MC-1554-3.1			160	0.438			
Class B				Tee to					
				Elbow					



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

Plan Report

NPS 2 And <sup>2</sup> N	PS 4		Inservice Ir	nspection P	lan for Inter	val 2 Outag	e 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS	
C05.021.056	1NV18A-3	MCFI-1NV-9	NDE-600	UT	SS	4.000	50275		
Other		MC-1554-3.1			160	0.531			
Class B				Tee to Pipe					
C05.021.056A	1NV18A-3	MCFI-1NV-9	NDE-35	PT	SS	4.000			
Other		MC-1554-3.1			160	0.531			
Class B				Tee to Pipe					
C05.021.057	1NV7-1	MCFI-1NV-9	NDE-600	UT	SS	3.000	50225		
Other		MC-1554-3.1			160	0.438			
Class B				Elbow to Elbow	0				
C05.021.057A	1NV7-1	MCFI-1NV-9	NDE-35	PT	SS	3.000			
Other		MC-1554-3.1			160	0.438			
Class B				Elbow to Elbow	0				

Total C05.021 Items: 12



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

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

111 710010	11110 00	<b>~</b> :	1	1 111 10
Socket	Wolds			

McGuire 1

Plan Report Page 46 03/26/96

Socket	Welds			INICOLU	me i			
22			Inservice I	nspection P	lan for In	nterval 2 Outage 3		
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	CH DIA/THK CAL BLOCKS	COMMENTS	
C05.030.066	1NV1F179-180	MCFI-1NV-149	NDE-35	PT	SS	2.000		
	Other	MC-1554-1.0			160	0.344		
Class B	Term end			Pipe to Elbow				
C05.030.067	1NV1F-3251	MCFI-1NV-91	NDE-35	PT	SS	2.000		-
	Other	MC-1554-3.1			160	0.154		
Class B	Term end			Tee to				
				Pipe				
C05.030.068	1NV1F-7872	MCFI-1NV-67	NDE-35	PT	SS	2.000		
	Other	MC-1554-3.0			160	0.344		
Class B				Pipe to				
				Full Cou	pling			
C05.030.071	1NV1F-2239	MCFI-1NV-67	NDE-35	PT	SS	2.000		
	Other	MC-1554-3.0			160	0.344		
Class B				Elbow t	0			

				Pipe			
C05.030.072	1NV1F-3245	MCFI-1NV-91	NDE-35	PT	SS	2.000	
Othe	ər	MC-1554-3.1			40	0.154	
Class B				Valve	e to		
				Pipe			

Total C05.030 Items:

5



#### **DUKE POWER COMPANY CATEGORY C-F-1, Pressure Retaining Welds** QUALITY ASSURANCE TECHNICAL SERVICES **Inservice Inspection Database Management System** In Austenitic SS or High Alloy Piping **Plan Report** McGuire 1 Page 47 Pipe Branch Connections of Branch Piping 3 03/26/96 NPS 2 Inservice Inspection Plan for Interval 2 Outage 3 ITEM NUMBER ID NUMBER PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS **ISO/DWG NUMBERS** \*\*\*\* Circumferential Weld \*\*\*\* **NDE-35** PT SS C05.041.050 1NV43A-2 MCFI-1NV-9 2.000 40 0.154 Other MC-1554-3.1 Pipe to Class B Half Coupling Total C05.041 Items: 1

Plan Report

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

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

Diping Welde	3/8 in. Nominal			McGu		ement oysten			Plan Report Page 48 03/26/96
for Piping > NI	the second s		Inservice I			erval 2 Outag	le 3		
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS				DIA/THK CAL		COMMENTS	
**** Circumferen	tial Weld ****								
C05.051.201	1SM1F-358	MCFI 1SM-15	NDE-600	UT	CS	6.000	50331	TO BE DONE WITH C05.052.020	
Other		MC 1593-1.3			80	0.432			
Class B				Elbow t	0				
				Valve		Section Section			
C05.051.201A	1SM1F-358	MCFI 1SM-15	NDE-25	MT	CS	6.000		TO BE DONE WITH C05.052.020A	
Other		MC 1593-1.3			80	0.432			
Class B				Elbow t	0				
		and the second secon		Valve					
C05.051.204	1SM1F-63	MCFI 1SM-10	NDE-600	UT	CS	36.000	50385		
Other		MC 1593-1.0				2.437			
Class B				Pipe to					
		والمستعلقة فالمستحد		Valve					
C05.051.204A	1SM1F-63	MCFI 1SM-10	NDE-25	MT	CS	36.000			
Other		MC 1593-1.0				2.437			
Class B				Pipe to					
			<u> </u>	Valve					
C05.051.214	1SM1F-3D	MCFI 1SM-4	NDE-600	UT	CS	34.000	50444	34" MIN. W 1.250 NOM. W 1.375	
Other		MC 1593-1.3				1.250		TO BE DONE WITH C05.052.028	
Class B									
	al an		1155.05						
C05.051.214A	1SM1F-3D	MCFI 1SM-4	NDE-25	MT	CS	34.000		TO BE DONE WITH C05.052.028A	
Other		MC 1593-1.3				1.250			
Class B									
C05.051.216	1SM1F-2A	MCFI 1SM-3	NDE-600	UT	CS	34.000	50444	34" MIN W. 1,250 NOM, W 1,375	
Other	IOMIT ZA	MC 1593-1.0	102 000			1.250		TO BE DONE WITH C05.052.030	
Class B		100 1000 1.0							
01000 0									
C05.051.216A	1SM1F-2A	MCFI 1SM-3	NDE-25	MT	CS	34.000		TO BE DONE WITH C05.052.030A	
Other		MC 1593-1.0				1.250			
Class B									
01200 5									

8

## 

In Carbon Or L	ow Alloy Steel	l Piping In	service Insp	pection Datat	base Manage	ment System	1		Plan Report
Piping Welds 3	3/8 in. Nom	Wall Thickness		McGu	ire 1				Page 49
for Piping > NI	PS 4		Inservice I	nspection P	lan for inter	e 3		03/26/96	
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAI	BLOCKS	COMMENTS	
**** Longitudinal	Weld ****								
C05.052.020	1SM1F-358L	MCFI 1SM-15	NDE-600	UT	CS	6.000	50331	ELBOW	
Other		MC 1593-1.3				0.432		TO BE DONE WITH C05.051.201	
Class B									
C05.052.020A	1SM1F-358L	MCFI 1SM-15	NDE-25	MT	CS	6.000		ELBOW	
Other		MC 1593-1.3				0.432		TO BE DONE WITH C05.051.201A	
Class B									
005.052.028	1SM1F-3DL	MCFI 1SM-4	NDE-600	UT	CS	34.000	50385	ELBOW	
Ciher Class B		MC 1593-1.3				1.250		TO BE DONE WITH C05.051.214	
C05.052.028A	1SM1F-3DL	MCFI 1SM-4	NDE-25	MT	CS	34.000		ELBOW	
Other		MC 1593-1.3				1.250		TO BE DONE WITH C05.051.214A	
Class B									
C05.052.030	1SM1F-2AL	MCFI 1SM-3	NDE-600	UT	CS	34.000	50385	ELBOW	
Other		MC 1593-1.0				1.250		TO BE DONE WITH C05.051.216	
Class B									
C05.052.030A	1SM1F-2AL	MCFI 1SM-3	NDE-25	MT	CS	34.000		ELBOW	
Other Class B		MC 1593-1.0				1.250		TO BE DONE WITH C05.051.216A	

Total C05 Items: 74





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

Inservice WG NUMBERS PROC		an for Interval 2 Outage 3 MAT/SCH DIA/THK CAL BLOCKS	S COMMENTS	03/26/96
WG NUMBERS PROC	INSP REQ	MAT/SCH DIA/THK CAL BLOCKS	COMMENTS	
			And an an and a second s	
205.00-15 NDE-35 NV11	PT S	SS 3.000 0.000	VALVE BODY TO SEAT RING INSERT	
	PT S	SS 3.000 0.000	VALVE BODY TO SEAT RING INSERT	
	205.00-15 NDE-35 NV11			

Total C06.020 Items:

CATEGORY C-G, Pressure Retaining Welds

2

Total C06 Items:

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

Class 1 Piping Supports McGuire 1 Inservice Inspection Plan for Interval 2 Outage 3								
								03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	FROC	INSP REQ	MAT/SCI	H DIA/THK CAL BLOCKS	COMMENTS	
F01.010.005A Other Class A	1-MCR-NC-540	MCSRD NC-003	QAL-14	VT-3	NA	4.000 0.000	RIGID RESTRAINT/SUPPORT	
F01.010.007A Other Class A	1-MCR-NC-545	MCSRD NC-003	QAL-14	VT-3	NA	6.000 0.000	RIGID RESTRAINT/SUPPORT	
F01.010.008A Other Class A	1-MCR-NC-555	MCSRD NC-003	QAL-14	VT-3	NA	4.000 0.000	RIGID SUPPORT	
F01.010.053C Mech s Class A	1-MCR-ND-507 mubber	MCSRD ND-001	QAL-14	VT-3	NA	14.000 0.000	MECHANICAL SNUBBER INSPECT WITH F01.050.175	
F01.010.103B Other Class A	1-MCR-NI-527	MCSRD NI-001	QAL-14	VT-3	NA	6.000 0.000	RIGID SUPPORT	
F01.010.107A Other Class A	1-MCR-NI-547	MCSRD NI-003	QAL-14	VT-3	NA	6.000 0.000	RIGID SUPPORT	
F01.010.151B Other Class A	1-MCR-NV-814	MCSRD NV-008	QAL-14	VT-3	NA	2.000 0.000	SUPPORT	
F01.010.152B Other Class A	1-MCR-NV-848	MCSRD NV-006	QAL-14	VT-3	NA	2.000 0.000	SUPPORT	





**Pian Report** 



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

Plan Report

Class 2 Pipin	Class 2 Piping Supports McGuire 1											
Charter art iptic	3. seppense		Inservice I	nspection P	lan for Inte	rval 2 Outage 3		03/26/96				
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS					
F01.020.001C Hyd s Class B	1MCA-CA-365 snubber	MCSRD-CAM	QAL-14	VT-3	NA	6.000 0.000	INSPECT WITH F01.050.022					
F01.020.007C Hyd s Class B	1-MCA-CA-411 snubber	MCSRD-CAN	QAL-14	VT-3	NA	6.000 0.000	INSPECT WITH F01.050.028					
F01.020.051C Hyd s Class B	1-MCA-CF-152 snubber	MCS/7D-C'-C	QAL-14	VT-3	NA	18.000 0.000	INSPECT WITH F01.050.076					
F01.020.101C Other Class B	1-MCA-FW-001	MCSRD-FWA	QAL-14	VT-3	NA	14.000 0.000	SPRING HANGER					
F01.020.151C Other Class B	1-MCA-ND-002	MCSRD-NDA	QAL-14	VT-3	NA	8.000 0.000	SPRING HANGER					
F01.020.152B Other Class B	1-MCA-ND-007	MCSRD-NDA	QAL-14	VT-3	NA	8.000 0.000	RIGID SUPPORT					
F01.020.154A Other Class B	1-MCA-ND-021	MCSRD-NDA	QAL-14	VT-3	NA	8.000 0.000	RIGID SUPPORT					
F01.020.213C Other	1-MCR-NI-688	MCSRD-NI-011	QAL-14	VT-3	NA	2.000 0.000	SPRING HANGER					

Class B



		In	service ins	pection Data	base Mana	agement System		Plan Report
Class 2 Piping	Supports				Page 53			
		이 같은 것이 같아?	Inservice I	Inspection P	lan for In	terval 2 Outage 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC			CH DIA/THK CAL BLOCKS	COMMENTS	
F01.020.222C Hyd sr Class B	1-MCR-NI-717 nubber	MCSRD-NI-011	QAL-14	VT-3	NA	2.000 0.000	INSPECT WITH F01.050.262	
F01.020.225B Other Class B	1-MCR-NI-774	MCSRD-NI-009	QAL-14	VT-3	NA	4.000 0.000	RIGID SUPPORT	
F01.020.226B Other Class B	1-MCR-NI-775	MCSRD-NI-009	QAL-14	VT-3	NA	4.000 0.000	RIGID SUPPORT	
F01.020.260A Other Class B	1-MCA-NS-030	MCSRD-NSC	QAL-14	VT-3	NA	10.000 0.000	RIGID SUPPORT	
F01.020.261B Other Class B	1-MCA-NS-036	MCSRD-NSA	QAL-14	VT-3	NA	8.000 0.000	RIGID SUPPORT	
F01.020.262C Other Class B	1-MCA-NS-039	MCSRD-NSA	QAL-14	VT-3	NA	8.000 0.000	SPRING HANGER	
F01.020.316A Other Class B	1-MCA-NV-023	MC 1190-NV-01-03	QAL-14	VT-3	NA	3.000 0.000	RIGID SUPPORT	
F01.020.317A Other Class B	1-MCA-NV-027	MC 1190-NV-01-03	QAL-14	VT-3	NA	3.000 0.000	RIGID SUPPORT	



Plan Report

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

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

Class 2 Piping	Supports				Page 54			
			Inservice I	nspection P	lan for Inte	erval 2 Outage 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.020.318B Other Class B	1-MCA-NV-029	MC 1190-NV-01-03	QAL-14	VT-3	NA	3.000 0.000	RIGID SUPPORT	
F01.020.319A Other Class B	MC 1683-NV-04-R27	MC 1683-NV-04	QAL-14	VT-3	NA	2.000 0.000	RIGID SUPPORT	
F01.020.320C Other Class B	MC 1683-NV-04-R28	MC 1683-NV-04	QAL-14	VT-3	NA	2.000 0.000	HYDRAULIC SNUBBER	
F01.020.554A Other Class B	1-MCA-SM-070	MCSRD-SMA	QAL-14	VT-3	NA	36.000 0.000	RIGID SUPPORT	
F01.020.555C Hyd sn Class B	1-MCA-SM-073 ubber	MCSRD-SMA	QAL-14	VT-3	NA	42.000 0.000	INSPECT WITH F01.050.478	
F01.020.601C Other Class B	1-MCA-SV-013	MCSRD-SVA	QAL-14	VT-3	NA	6.000 0.000	SPRING HANGER	
F01.020.652A Other Class B	1-MCA-VQ-011	MCSRD-VQA	QAL-14	VT-3	NA	6.000 0.000	RIGID SUPPORT	

Total F01.020 items: 23



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

		In	service Ins	pection Data	base Manage	ernent System		Plan Report
Class 3 Pipi	ng Supports			McGu	ire 1			Page 55
			Inservice I	Inspection P	lan for Inte	rval 2 Outage 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.030.059C Mec Class C	MC 1683-NV-04-R15 ch snubber	MC 1683-NV-04	QAL-14	VT-3	NA	2.000 0.000	INSPECT WITH F01.050.365	
F01.030.060B	MC 1683-NV-04-R20 er	MC 1683-NV-04	QAL-14	VT-3	NA	2.000 0.000	RIGID SUPPORT	
F01.030.070C Mec Class C	MC 1683-NV-50-R2 ch snubber	MC 1683-NV-50	QAL-14	VT-3	NA	3.000 0.000	MECHANICAL SNUBBER INSPECT WITH F01.050.363	
	and the second		and so that the second s	and the second sec			the second s	and the second second second second second second

Total F01.030 Items: 3



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

			In	service Ins	pection Datab	base Manage	ement System		Plan Report
Contract of the second s	ts othe	r than Piping Supp			McGu				Page 56 03/26/96
3)			친구 아이들은 물건을 가지?	Inservice I	nspection P	lan for Inte	rval 2 Outage 3		03/20/90
ITEM NUMB	BER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.040.001	Other	1PZR-SKIRT	MCM 1201.01-170 EDSK-379441B	QAL-14	VT-3	NA	0.000 0.000	PRESSURIZER SKIRT	
F01.040.002	Other	1PZR-LUGS	MCM 1201.01-170 EDSK-379438B	QAL-14	VT-3	NA	0.000 0.000	PRESSURIZER SUPPORT LUGS	
F01.040.007	Other	1RCP-B-SUPPORT	MC 1070-4 MC 1070-17	QAL-14	VT-3	NA	0.000 0.000	REACTOR COOLANT PUMP SUPPO ASSEMBLIES)	RT (3
F01.040.014	Other	1RCPSS-SUP	MCM 1201.04-272 MCM 1201.04-276	QAL-14	VT-3	NA	0.000 0.000	RECIPROCATING CHARGING PUMP STABILIZER	SUCTION

Total F01.040 Items: 4



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

Plan Report

Inservic	Inservice Inspection of Class 1, 2, and 3 McGuire 1										
Snubbe			Inservice I	nspection P	lan for Inte	erval 2 Outage 3		Page 57 03/26/96			
ITEM NUME	and the second se	ISO/DWG NUMBERS	PROC			DIA/THK CAL BLOCKS	COMMENTS				
F01.050.001 Class C	1-MCA-CA-187 Hyd snubber	MCSRD-CAD	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.002 Class C	1-MCA-CA-220 Hyd snubber	MCSRD-CAD	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.003 Class C	1-MCA-CA-347 Mech snubber	MCSRD-CAK	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.004 Class C	1-MCA-CA-349 Mech snubber	MCSRD-CAK	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.005 Class C	1-MCA-CA-498 Mech snubber	MCSRD-CAM	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.006 Class C	1-MCA-CA-422 Mech snubber	MCSRD-CAN	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.007 Class C	1-MCA-CA-423 Mech snubber	MCSRD-CAN	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.008 Class C	1-MCA-CA-460 Hyd snubber	MCSRD-CAP	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY				



		Ir	service Ins	pection Datab	base Manag	gement System		Plan Report
Inservio	ce Inspection of Class 1.		Page 58					
Snubbe			Inservice I	Inspection P	lan for Inte	erval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	H DIA/THK CAL BLOCKS	COMMENTS	
F01.050.009 Class C	1-MCA-CA-459 Mech snubber	MCSRD-CAP	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.010 Class C	1-MCA-CA-198 Hyd snubber	MCSRD-CAP	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.011 Class C	1-MCA-CA-228 Hyd snubber	MCSRD-CAP	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.012 Class C	1-MCA-CA-325 Mech snubber	MCSRD-CA-152	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.013 Class B	1-MCR-CA-392 Mech snubber	MCSRD-CAM/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.014 Class B	1-MCR-CA-391 Hyd snubber	MCSRD-CAM/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY. INSPECT WITH F01.020.004C	
F01.050.015 Class B	1-MCR-CA-394 Hyd snubber	MCSRD-CAM/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.016 Class B	1-MCR-CA-389 Hyd snubber	MCSRD-CAM/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	



		Ir	service Ins	pection Datab	ase Manag	ement System		Plan Report			
Inservic	Inservice Inspection of Class 1, 2, and 3 McGuire 1 Snubbers Inservice Inspection Plan for Interval 2 Outage 3										
Snubbe	ers		03/26/96								
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	I DIA/THK CAL BLOCKS	COMMENTS				
F01.050.017 Class B	1-MCR-CA-388 Hyd snubber	MCSRD-CAM/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.018 Class B	1-MCA-CA-366 Hyd snubber	MCSRD-CAM/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.019 Class B	1-MCA-CA-369 Hyd snubber	MCSRD-CAM/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.020 Class B	1-MCA-CA-370 Hyd snubber	MCSRD-CAM/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.021 Class B	1-MCA-CA-385 Hyd snubber	MCSRD-CAM/2 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.022 Class B	1-MCA-CA-365 Hyd snubber	MCSRD-CAM/2 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.001C				
F01.050.023 Class B	1-MCR-CA-396 Hyd snubber	MCSRD-CAN/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY				
F01.050.024 Class B	1-MCR-CA-382 Hyd snubber	MCSRD-CAN/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY				



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

Dian Danart

			ISCIVICE IIIS	McGu		ement System		Plan Report Page 60
	e Inspection of Class 1.							03/26/96
Snubbe						rval 2 Outage 3	0000000000	
ITEM NUMB	the second s	ISO/DWG NUMBERS	PROC		and the second second	DIA/THK CAL BLOCKS		
F01.050.025	1-MCR-CA-398	MCSRD-CAN/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class B								
01.050.026	1-MCR-CA-401	MCSRD-CAN/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class B								
01.050.027	1-MCA-CA-410	MCSRD-CAN/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
01.050.028	1-MCA-CA-411	MCSRD-CAN/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000	INSPECT WITH F01.020.007C	
Class B								
01.050.029	1-MCA-CA-412	MCSRD-CAN/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
01.050.030	1-MCA-CA-419	MCSRD-CAN/2 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class B								
01.050.031	1-MCA-CA-417	MCSRD-CAN/2 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000	INSPECT WITH F01.020.009C	
Class B								
F01.050.032	1-MCA-CA-415	MCSRD-CAN/2 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
Class B	Mech snubber					0.000	INSPECT WITH F01.020.008C	



Inservice Inspection Database Management System									
Inservic	e Inspection of Class 1,	2, and 3		McGu	ire 1			Page 61	
Snubbe			Inservice I	Inspection P	lan for In	terval 2 Outage 3		03/26/96	
ITEM NUMB	ER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CAL BLOCKS	COMMENTS		
F01.050.033	1-MCA-CA-414	MCSRD-CAN/2 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.034	1-MCR-CA-484	MCSRD-CAP/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY		
	Mech snubber					0.000			
Class B									
F01.050.035	1-MCR-CA-487	MCSRD-CAP/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000	INSPECT WITH F01.020.014C		
Class B									
F01.050.036	1-MCR-CA-490	MCSRD-CAP/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY		
	Hyd snub/Mech snub					0.000			
Class B									
F01.050.037	1-MCA-CA-473	MCSRD-CAP/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.038	1-MCA-CA-474	MCSRD-CAP/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.039	1-MCA-CA-475	MCSRD-CAP/1 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.040	1-MCA-CA-467	MCSRD-CAP/2 OF 2	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY		
	Mech snubber					0.000			
Class B									



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

Dian Desert

			service ins	ipection Data	base manage	ement System		Plan Report
irser 10	Inspection of Class 1,	2, and 3		McGu	ire 1			Page 62
Setting	The second se		Inservice I	Inspection P	lan for Inta	rval 2 Outage 3		03/26/96
ITEM		ISO/DWG NUMBERS	PROC			DIA/THK CAL BLOCKS	COMMENTS	
F01.050.541 Class B	1-MCA-CA-468 Mech snubber	MCSRD-CAP/2 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.013C	
F01.050.042 Class B	1-MCA-CA-470 Hyd snubber	MCSRD-CAP/2 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.043 Class B	1-MCA-CA-#71 Hyd snubber	MCSRD-CAP/2 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.044 Class B	1-MCA-CA-432 Hyd snubber	MCSRD-CAO/1 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.045 Class B	1-MCA-CA-430 Hyd snubber	MCSRD-CAO/1 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.046 Class B	1-MCA-CA-433 Hyd snubber	MCSRD-CAO/1 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.047 Class B	1-MCR-CA-443 Hyd snubber	MCSRD-CAO/1 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.048 Class B	1-MCR-CA-445 Hyd snubber	MCSRD-CAO/1 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	





		Ir	service Ins	pection Data	base Manag	ement System		Plan Report
Inservio	e Inspection of Class 1,			McGu				Page 63
Snubbe	rs		Inservice I	Inspection P	lan for Inte	erval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	I DIA/THK CAL BLOCKS	COMMENTS	
F01.050.049 Class B	1-MCR-CA-447 Hyd snubber	MCSRD-CAO/1 OF 3	QAL-14	VT-3	NA	6 000 0.000	SNUBBER INSPECTION ONLY	
F01.050.050 Class B	1-MCR-CA-448 Mech snubber	MCSRD-CAO/1 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.051 Class B	1-MCA-CA-427 Hyd snubber	MCSRD-CAO/2 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.052 Class B	1-MCA-CA-425 Hyd snubber	MCSRD-CAO/2 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.053 Class B	1-MCA-CA-458 Hyd snubber	MCSRD-CAO/2 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.075 Class B	1-MCA-CF-151 Hyd snubber	MCSRD-CFC/1 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.076 Class B	1-MCA-CF-152 Hyd snubber	MCSRD-CFC/1 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.051C	
F01.050.077 Class B	1-MCA-CF-154 Hyd snubber	MCSRD-CFC/1 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	



		In	service Ins	pection Datab	base Manage	ement System		Plan Report
Inservio	ce Inspection of Class 1,	2, and 3		McGu	ire 1			Page 64
Snubbe	ers	방법 안내 그는 것같아.	inservice	Inspection P	lan for Inte	rval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.078 Class B	1-MCA-CF-157 Hyd snubber	MCSRD-CFC/1 OF 12	QAL-14	VT-3	NA	26.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.079 Class B	1-MCR-CF-160 Hyd snubber	MCSRD-CFC/1 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.080 Class B	1-MCR-CF-159 Hyd snubber	MCSRD-CFC/1 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.081 Class B	1-MCR-CF-210 Hyd snubber	MCSRD-CFC/12 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.082 Class B	1-MCR-CF-302 Hyd snubber	MCSRD-CFC/12 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.083 Class B	1-MCA-CF-208 Hyd snubber	MCSRD-CFC/12 OF 12	QAL-14	VT-3	NA	26.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.084 Class B	1-MCA-CF-206 Hyd snubber	MCSRD-CFC/12 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.085 Class B	1-MCA-CF-204 Hyd snubber	MCSRD-CFC/12 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	



		In	service Ins	pection Datab	ase Manag	ement System		Plan Report
Inservio	e Inspection of Class 1,	2, and 3		McGu	ire 1			Page 65
Snubbe			Inservice I	Inspection P	lan for Inte	erval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	H DIA/THK CAL BLOCKS	COMMENTS	
F01.050.086 Class B	1-MCA-CF-203 Hyd snubber	MCSRD-CFC/12 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.087 Class B	1-MCA-CF-201 Hyd snubber	MCSRD-CFC/12 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.088 Class B	1-MCA-CF-171 Hyd snubber	MCSRD-CFC/6 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.053C	
F01.050.089 Class B	1-MCA-CF-173 Hyd snubber	MCSRD-CFC/6 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.090 Class B	1-MCR-CF-175 Mech snubber	MCSRD-CFC/6 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.054C	
F01.050.091 Class B	1-MCR-CF-189 Hyd snubber	MCSRD-CFC/9 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.092 Class B	1-MCA-CF-187 Hyd snubber	MCSRD-CFC/9 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.093 Class B	1-MCA-CF-185 Hyd snubber	MCSRD-CFC/9 OF 12	QAL-14	VT-3	NA	18.000 0.000	SNUBBER INSPECTION ONLY	





		Ir	service Ins	pection Datab	base Manage	ment System		Plan Report
Inservic	e Inspection of Class 1,	2, and 3		McGu	ire 1			Page 66
Snubbe			Inservice I	nspection P	lan for Inter	val 2 Outage 3		03/26/96
ITEM NUMB	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.094 Class B	1-MCA-CF-303 Hyd snubber	MCSRD-CAM/2 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.100 Class A	1-MCR-NC-564 Hyd snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.010C	
F01.050.101 Class A	1-MCR-NC-562 Hyd snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.102 Class A	1-MCR-NC-503 Mech snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.103 Class A	1-MCR-NC-504 Mech snubber	MCSRD-NC-03	GAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.104 Class A	1-MCR-NC-561 Hyd snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.105 Class A	1-MCR-NC-551 Hyd snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.106 Class A	1-MCR-NC-553 Mech snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	



		Ir	nservice Ins	pection Datat	base Manag	ement System		Plan Report
Inservio	ce Inspection of Class 1,	2, and 3		McGu	ire 1			Page 67
Snubbe			Inservice I	Inspection P	lan for Inte	erval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.107 Ciass A	1-MCR-NC-569 Mech snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.108 Class A	1-MCR-NC-568 Mech snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.013C	
F01.050.109 Class A	1-MCR-NC-554 Hyd snubber	MCSRD-NC-03	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.110 Class A	1-MCR-NC-557 Hyd snubber	MCSRD-NC-03	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.111 Class A	1-MCR-NC-559 Hyd snubber	MCSRD-NC-03	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.112 Class A	1-MCR-NC-574 Hyd snubber	MCSRD-WL-02/SHT 1	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.015C	
F01.050.113 Class A	1-MCR-NC-573 Mech snubber	MCSRD-WL-02/SHT 1	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.114 Class A	1-MCR-NC-891 Mech snubber	MCSRD-WL-02/SHT 1	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.025C	



## (

Dian Danad

	CA	TE	GO	RY	F-A,	Sup	ports
--	----	----	----	----	------	-----	-------

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

Inservice Inspection Database Management System  McGuire 1								
and the second s			Inconsistent			terval 2 Outage 3		Page 68 03/26/96
Snubbe			PROC			H DIA/THK CAL BLOCKS	COMMENTS	
ITEM NUME	second second and a street data was a discussion of the street second	ISO/DWG NUMBERS			And and the state of the state		and the second	
F01.050.115		MCSRD-WL-02/SHT 1	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.116	1-MCR-NC-888	MCSRD-WL-02/SHT 1	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
-01.050.117	1-MCR-NC-886	MCSRD-WL-02/SHT 1	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY	
01.000.117	Mech snubber					0.000		
Class A								
Oldos A								
F01.050.118	1-MCR-NC-887	MCSRD-WL-02/SHT 1	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.119	1-MCR-NC-579	MCSRD-WL-02/SHT 5	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000	INSPECT WITH F01.010.017C	
Class A								
-01.050.120	1-MCR-NC-576	MCSRD-WL-02/SHT 5	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY	
01.000.120	Hyd snubber					0.000		
Class A	nye enabee							
Oldoo / l								
F01.050.121	1-MCR-NC-791	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.122	1-MCR-NC-792	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
C. I. C. C. C. Lake	Mech snubber					0.000		
Class A								

Class A



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

Dian Ranad

	ce Inspection of Class 1,		Plan Report Page 69					
Snubbe			Inservice	McGu		rval 2 Outage 3		03/26/96
ITEM NUME	and the second se	ISO/DWG NUMBERS	PROC			DIA/THK CAL BLOCKS	COMMENTS	
F01.050.123	1-MCR-NC-790 Mech snubber	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
Class A								
F01.050.124	1-MCR-NC-789	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.125	1-MCR-NC-793	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.126	1-MCR-NC-767	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000	INSPECT WITH F01.010.021C	
Class A								
F01.050.127	1-MCR-NC-768	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.128	1-MCR-NC-761	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.129	1-MCR-NC-766	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000	INSPECT WITH F01.010.020C	
Class A								
F01.050.130	1-MCR-NC-765	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								



		Ir	service Ins	pection Datab	ase Managem	ent System		Plan Report
Inservio	e Inspection of Class 1, 3	2, and 3		McGui	ire 1			Page 70
Snubbe			Inservice I	nspection P	lan for Interva	al 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH DI	A/THK CAL BLOCKS	COMMENTS	
F01.050.131 Class A	1-MCR-NC-763 Mech snubber	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.132 Class A	1-MCR-NC-762 Mech snubber	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.019C	
F01.050.133 Class A	1-MCR-NC-773 Mech snubber	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.134 Class A	1-MCR-NC-764 Mech snubber	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.135 Class A	1-MCR-NC-769 Hyd snubber	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.136 Class A	1-MCR-NC-770 Hyd snubber	MCSRD-NC-02/SHT 2	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.137 Class A	1-MCR-NC-679 Mech snubber	MCSRD-NC-02/SHT 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.138 Class A	1-MCR-NC-678 Mech snubber	MCSRD-NC-02/SHT 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	



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

Dian D.

	Inservice Inspection Database Management System McGuire 1							
AT THE REAL PROPERTY OF THE RO	e Inspection of Class 1, 2							Page 71 03/26/96
Snubbe						rval 2 Outage 3		03/20/90
ITEM NUMB	ER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.139	1-MCR-NC-685	MCSRD-NC-02/SHT 3	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.140	1-MCR-NC-686	MCSRD-NC-02/SHT 3	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
Class A	Mech snubber					0.000		
F01.050.141	1-MCR-NC-687	MCSRD-NC-02/SHT 3	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000	INSPECT WITH F01.010.018C	
Class A	i gi assiri							
F01.050.142	1-MCR-NC-688	MCSRD-NC-02/SHT 3	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.143	1-MCR-NC-689	MCSRD-NC-02/SHT 3	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.144	1-MCR-NC-750	MCSRD-NC-02/SHT 3	QAL-14	VT-3	NA	6.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class A								
F01.050.145	1-MCR-NC-571	MCSRD-WL-02/SHT 4	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class A								
F01.050.146	1-MCR-NC-570	MCSRD-WL-02/SHT 4	GAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY	
Class A	Hyd snubber					0.000		



		ir	service Ins	pection Datat	base Manage	ement System		Plan Report
Inservio	ce Inspection of Class 1.	, 2, and 3		McGu	ire 1			Page 72
Snubbe			Inservice	Inspection P	lan for Inte	rval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.147 Class A	1-MCR-NC-542 Mech snubber	MCSRD-NC-03/SHT 2	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.148 Class A	1-MCR-NC-566 Mech snubber	MCSRD-NC-03/SHT 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.012C	
F01.050.149 Class A	1-MCR-NC-567 Mech snubber	MCSRD-NC-03/SHT 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.150 Class A	1-MCR-NC-546 Hyd snubber	MCSRD-NC-03/SHT 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.151 Class A	1-MCR-NC-565 Hyd snubber	MCSRD-NC-03/SHT 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.011C	
F01.050.152 Class A	1-MCR-NC-549 Hyd snubber	MCSRD-NC-03/SHT 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.153 Class A	1-MCR-NC-502 Hyd snubber	MCSRD-NC-01/SHT 1	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.154 Class A	1-MCR-NC-801 Hyd snubber	MCSRD-NI-013/2 OF 2	QAL-14	VT-3	NA	1.500 0.000	SNUBBER INSPECTION ONLY	



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

Dian Depart

-	Inservice Inspection of Class 1, 2, and 3. McGuire 1							
and the second s	e Inspection of Class 1							Page 73 03/26/96
Snubbe	rs			Inspection P			03/20/30	
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	I DIA/THK CAL BLOCKS	COMMENTS	
F01.050.155 Class A	1-MCR-NC-903 Hyd snubber	MCSRD-NI-15/2 OF 2	QAL-14	VT-3	NA	1.500 0.000	SNUBBER INSPECTION ONLY	
F01.050.156 Class A	1-MCR-NC-902 Hyd snubber	MCSRD-NI-15/2 OF 2	QAL-14	VT-3	NA	1.500 0.000	SNUBBER INSPECTION ONLY	
F01.050.157 Class A	1-MCR-NC-900 Hyd snubber	MCSRD-NI-15/2 OF 2	QAL-14	VT-3	NA	1.500 0.000	SNUBBER INSPECTION ONLY.	
F01.050.158 Class A	1-MCR-NC-803 Hyd snubber	MCSRD-NV-04/ 1 OF 4	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.159 Class A	1-MCR-NC-813 Hyd snubber	MCSRD-NV-02/ 3 OF 3	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.175 Class A	1-MCR-ND-507 Mech snubber	MCSRD-01/SHT 1	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.053C	
F01.050.176 Class A	1-MCR-ND-503 Mech snubber	MCSRD-01/SHT 1	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.177 Class A	1-MCR-ND-511 Mech snubber	MCSRD-01/SHT 1	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.055C	



		In	service Ins	pection Datat	base Manage	ement System		Plan Report
Inservice Inspection of Class 1, 2 and 3 McGuire 1								Page 74
Snubbe		Inservice I	nspection P	lan for Inte	rval 2 Outage 3		03/26/96	
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.178 Class B	1-MCA-ND-301 Hyd snubber	MCSRD-NDA/SHT 4	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
	1-MCA-ND-277	MCSRD-NDA/SHT 1	QAL-14	VT-3	NA	8.000	SNUBBER INSPECTION ONLY	
F01.050.179 Class B	Hyd snubber	MCSHU-NUAVSHTT	QAL-14	1-5		0.000	SHOBBEITING EUTION ONET	
F01.050.180 Class B	1-MCA-ND-275 Hyd snubber	MCSRD-NDA/SHT 1	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.181 Class B	1-MCA-ND-286 Hyd snubber	MCSRD-NDA/SHT 1	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.182 Class B	1-MCA-ND-35 Hyd snubber	MCSRD-NDA/SHT 3	QAL-14	VT-3	NA	8.000 000.0	SNUBBER INSPECTION ONLY	
F01.050.183 Class B	1-MCA-ND-290 Hyd snubber	MCSRD-NDA/SHT 3	QAL-14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.184 Class B	1-MCA-ND-297 Hyd snubber	MCSRD-NDA/SHT 3	QAL-14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.185 Class B	1-MCA-ND-282 Hyd snubber	MCSRD-NDA/SHT 3	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	



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

Plan Report

Miservice Inspection of Class 1, 2, and 3. McGuire 1								Plan Heport Page 75
Inservice Inspection of Class 1, 2, and 3 Snubbers			Inconvice			nterval 2 Outage 3		03/26/96
ITEM NUME		ISO/DWG NUMBERS				CH DIA/THK CAL BLOCKS	COMMENTS	
F01.050.186 Class B	the second se	MCSRD-FWA/SHT 7	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.172C	
F01.050.187 Class B	1-MCA-ND-258 Hyd snubber	MCSRD-FWA/SHT 7	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.171C	
F01.050.188 Class B	1-MCA-ND-273 Hyd snubber	MCSRD-NDA/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.189 Class B	1-MCA-ND-287 Hyd snubber	MCSRD-NDA/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.190 Class B	1-MCA-ND-296 Hyd snubber	MCSRD-NDA/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.191 Class B	1-MCA-ND-295 Mech snubber	MCSRD-NDA/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.174C	
F01.050.192 Class B	1-MCA-ND-331 Mech snubber	MCSRD-NDA/SHT 7	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.178C	
F01.050.193 Class B	1-MCA-ND-298 Hyd snubber	MCSRD-NDA/SHT 6	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	



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

Dian Deport

Inservice Inspection Database Management System McGuire 1								Plan Report
	ce Inspection of Class 1, 2.						Page 76 03/26/96	
Snubbe	and the second se					erval 2 Outage 3		03/20/30
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	I DIA/THK CAL BLOCKS		
F01.050.194	1-MCA-ND-270	MCSRD-NDA/SHT 6	QAL-14	VT-3	NA	8.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
F01.050.195	1-MCA-ND-271	MCSRD-NDA/SHT 6	QAL-14	VT-3	NA	8.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
-01.050.196	1-MCA-ND-289	MCSRD-NDA/SHT 5	QAL-14	VT-3	NA	8.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
-01.050.197	1-MCA-ND-281	MCSRD-NDA/SHT 5	QAL-14	VT-3	NA	8.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000	INSPECT WITH F01.020.173C	
Class B								
F01.050.198	1-MCA-ND-272	MCSRD-NDA/SHT 5	QAL-14	VT-3	NA	8.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
01.050.199	1-MCA-ND-304	MCSRD-NDA/SHT 5	QAL-14	VT-3	NA	8.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000	INSPECT WITH F01.020.176C	
Class B								
-01.050.200	1-MCA-ND-256	MCSRD-FWA/SHT 4	QAL-14	VT-3	NA	12.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000	INSPECT WITH F01.020.170C	
Class B								
F01.050.201	1-MCA-ND-253	MCSRD-FWA/SHT 4	QAL-14	VT-3	NA	12.000	SNUBBER INSPECTION ONLY	
Class B	Hyd snubber					0.000		





		In	service Ins	pection Datat	base Mana	gement System		Plan Report
Inservic	ce Inspection of Class 1,	2, and 3		McGu	ire 1			Page 77
Snubbe	ITS		Inservice I	nspection P	lan for Int	erval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCI	H DIA/THK CAL BLOCKS	COMMENTS	
F01.050.202 Class B	1-MCA-ND 252 Hyd snubber	MCSRD-FWA/SHT 4	QAL-14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.203 Class B	1-MCA-ND-257 Hyd snubber	MCSRD-FWA/SHT 4	QAL-14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.204 Class B	1-MCA-ND-255 Hyd snubber	MCSRD-FWA/SHT 4	QAL-14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.169C	
F01.050.205 Class B	1-MCA-ND-254 Hyd snubber	MCSRD-FWA/SHT 4	QAL-14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.206 Class B	1-MCA-ND-251 Mech snubber	MCSRD-FWA/SHT 4	QA! -14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.168C	
FC1.050.207 Class B	1-MCA-ND-250 Hyd snubber	MCSRD-FWA/SHT 4	QAL-14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.208 Class B	1-MCA-ND-246 Hyd snubber	MCSRD-FWA/SHT 6	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.209 Class B	1-MCA-ND-110 Mech snubber	MCSRD-FWA/SHT 6	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY	



		Ir	service Ins	pection Datab	ase Managem	ent System		Plan Report
Inservic	ce Inspection of Class 1,	2, and 3		McGu	ire 1			Page 78
Snubbe	ers		03/26/96					
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH DI	A/THK CAL BLOCKS	COMMENTS	
F01.050.210 Class B	1-MCA-ND-247 Hyd snubber	MCSRD-FWA/SHT 6	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.167C	
F01.050.211 Class B	1-MCA-ND-249 Hyd snubber	MCSRD-FWA/SHT 6	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.212 Class B	1-MCA-ND-248 Hyd snubber	MCSRD-FWA/SHT 6	QAL-14	VT-3	NA	14.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.213 Class B	1-MCA-ND-H327 Mech snubber	MCSRD-NIA/2 OF 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.214 Class B	1-MCA-ND-H326 Mech snubber	MCSRD-NIA/2 OF 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.215 Class B	1-MCA-ND-H325 Mech snubber	MCSRD-NIA/2 OF 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.216 Class B	1-MCA-ND-H324 Mech snubber	MCSRD-NIA/2 OF 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.225 Class A	1-MCR-NI-653 Hyd snubber	MCSRD-ND-01/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	



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

Dian Report

Inservic	service Inspection of Class 1, 2, and 3 McGuire 1								
Snubbe			Inservice I	nspection P	lan for Inte	rval 2 Outage 3		03/26/96	
ITEM NUMB		ISO/DWG NUMBERS	PROC			DIA/THK CAL BLOCKS	COMMENTS		
F01.050.226 Class A	1-MCR-NI-941 Mech snubber	MCSRD-ND-01/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.227 Class B	1-MCR-NI-664 Mech snubber	MCSRD-ND-01/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.228 Class A	1-MCR-NI-661 Hyd snubber	MCSRD-ND-01/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.229 Class A	1-MCR-NI-660 Mech snubber	MCSRD-ND-01/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.230 Class A	1-MCR-NI-947 Mech snubber	MCSRD-ND-01/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.231 Class A	1-MCR-NI-658 Hyd snubber	MCSRD-ND-01/SHT 2	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.232 Class A	1-MCH-NI-537 Mech snubber	MCRSD NI-01/3 OF 4	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.233 Class A	1-MCR-NI-531 Mech snubber	MCRSD NI-01/3 OF 4	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.105C		



		In	service Ins	pection Datab	base Manager	nent System		Plan Report
Inservic	e Inspection of Class 1	, 2, and 3		McGu	ire 1			Page 80
Snubbe	rs		Inservice I	nspection P	lan for Interv	val 2 Outage 3		03/26/96
ITEM NUMB	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH [	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.234 Class A	1-MCR-NI-538 Mech snubber	MCRSD NI-01/3 OF 4	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.235 Class A	1-MCR-NI-528 Hyd snubber	MCSRD NI-01/3 OF 4	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.104C	
F01.050.236 Class A	1-MCR-NI-613 Hyd snubber	MCSRD NI-01/1 OF 4	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.237 Class A	1-MCR-NI-612 Hyd snubber	MCSRD NI-01/1 OF 4	QAL-14	VT-3	NA	6.002 0.000	SNUBBER INSPECTION ONLY	
F01.050.238 Class A	1-MCR-NI-515 Hyd snubber	MCSRD NI-01/1 OF 4	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.101C	
F01.050.239 Class B	1-MCR-NI-513 Mech snubber	MCSRD NI-01/1 OF 4	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.240 Class B	1-MCR-NI-510 Hyd snubber	MCSRD NI-01/1 OF 4	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.241 Class A	1-MCR-NI-615 Hyd snubber	MCSRD NI-01/4 OF 4	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY	



		Ir	service Ins	pection Datab	ase Manag	ement System		Plan Report
Inservic	e Inspection of Class 1	. 2. and 3		McGui	ire 1			Page 81
Snubbe			Inservice I	Inspection Pl	ian for Inte	erval 2 Outage 3		03/26/96
ITEM NUMB	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	H DIA/THK CAL BLOCKS	COMMENTS	
F01.050.242 Class A	1-MCR-NI-617 Hyd snubber	MCSRD NI-01/4 OF 4	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.118C	
F01.050.243 Class A	1-MCR-NI-733 Hyd snubber	MCSRD NI-09/1 OF 3	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.120C	
F01.050.244 Class A	1-MCR-NI-744 Hyd snubber	MCSRD NI-09/1 OF 3	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.245 Class A	1-MCR-NI-858 Mech snubber	MCSRD NI-16	QAL-14	VT-3	NA	1.500 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.121C	
F01.050.246 Class A	1-MCR-NI-588 Hyd snubber	MCSRD NI-03/1 OF 5	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.247 Class B	1-MCR-NI-584 Hyd snubber	MCSRD NI-03/1 OF 5	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.248 Class A	1-MCR-NI-586 Mech snubber	MCSRD NI-03/5 OF 5	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.249 Class A	1-MCR-NI-570 Mech snubber	MCSRD NI-03/5 OF 5	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.111C	



#### DUKE POWEF. COMPANY QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System

		Ir	service Ins	pection Datab	ase Mana	gement System		Plan Report
Inservic	e Inspection of Class 1	, 2, and 3		McGu	ire 1			Page 82
Snubbe			Inservice I	inspection P	lan for Int	terval 2 Outage 3		03/26/96
ITEM NUMB	ER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CAL BLOCKS	COMMENTS	
F01.050.250	1-MCR-NI-569 Hyd snubber	MCSRD NI-03/5 OF 5	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY	
Class A								
F01.050.251	1-MCR-NI-585 Mech snubber	MCSRD NI-03/4 OF 5	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.113C	
Class A								
F01.050.252	1-MCR-NI-580 Hyd snubber	MCSRD NI-03/4 OF 5	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
Class A								
F01.050.253	1-MCR-NI-587 Hyd snubber	MCSRD NI-03/2 OF 5	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY	
Class A								
F01.050.254	1-MCR-NI-589 Hyd snubber	MCSRD NI-03/2 OF 5	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.114C	
Class A								
F01.050.255	1-MCR-NI-548 Hyd snubber	MCSRD NI-03/2 OF 5	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.108C	
Class A								
F01.050.256	1-MCR-NI-549 Hyd snubber	MCSRD NI-03/2 OF 5	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY	
Class A								
F01.050.257 Class B	1-MCR-NI-526 Hyd snubber	MCSRD NI-01/2 OF 4	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	

0



		In	service Ins	pection Datab	ase Managem	ent System		Plan Report
Inservic	ce Inspection of Class 1	. 2. and 3		McGui	ire 1			Page 83
Snubbe			Inservice I	nspection P	lan for Interv	al 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH D	A/THK CAL BLOCKS	COMMENTS	
F01.050.258 Class B	1-MCR-NI-541 Hyd snubber	MCSRD NI-03/3 OF 5	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.208C	
F01.050.259 Class B	1-MCR-NI-552 Hyd snubber	MCSRD NI-03/3 OF 5	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.260 Class B	1-MCR-NI-556 Mech snubber	MCSRD NI-03/3 OF 5	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.210C	
F01.050.261 Class B	1-MCR-NI-786 Hyd snubber	MCSRD NI-09/3 OF 3	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.228C	
F01.050.262 Class B	1-MCR-NI-717 Hyd snubber	MCSRD NI-11/1 OF 3	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.222C	
F01.050.263 Class B	1-MCR-NI-676 Hyd snubber	MCSRD NI-11/1 OF 3	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.211C	
F01.050.264 Class B	1-MCR-NI-697 Mech snubber	MCSRD-NI-11/1 OF 3	QÀL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.215C	
F01.050.265 Class B	1-MCR-NI-719 Hyd snubber	MCSRD-NI-11/3 OF 3	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.223C	



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

Plan Report

Inservio	e Inspection of Class 1	. 2. and 3		McGu		Plan Report Page 84		
Snubbe			Inservice I	nspection P	lan for In	terval 2 Outage 3		03/26/96
ITEM NUMB		ISO/DWG NUMBERS	PROC			CH DIA/THK CAL BLOCKS	COMMENTS	
F01.050.266 Class B	1-MCR-NI-721 Hyd snubber	MCSRD-NI-11/3 OF 3	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.224C	
F01.050.267 Class B	1-MCR-NI-895 Hyd snubber	MCSRD-NI-13/1 OF 2	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.233C	
F01.050.268 Class B	1-MCR-NI-852 Hyd snubber	MCSRD-NI-15/1 OF 2	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.269 Class B	1-MCA 1I-012 Hyd snubber	MCSRD-NIA/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.270 Class B	1-MCA-N-010 Hyd snubber	MCSRD-NIA/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.271 Class B	1-MCA-NI-009 Hyd snubber	MCSRD-NIA/1 OF 2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.272 Class B	1-MCA-NI-249 Hyd snubber	MCSRD-NIB/2 OF 2	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.273 Class B	1-MCA-NI-083 Hyd snubber	MCSRD-NIB/2 OF 2	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	



		ir	nservice Ins	pection Data	base Manager	ment System		Plan Report
Inservic	e Inspection of Class 1, 2	2, and 3		McGu	ire 1			Page 85
Snubbe	and the second se		Inservice I	Inspection P	lan for Inter	val 2 Outage 3		03/26/96
ITEM NUME	McGuire 1           McGuire 1           bers           Inservice Inspection Plan for Interval 2 Outage 3           MBER         ID NUMBER         ISODWG NUMBERS         PROC         INSP REO         MAT/SCH DIA/THK CAL BLOCKS         COMMENTS           74         1-MCA-NI-253         MCSRD-NIB/1 OF 2         OAL-14         VT-3         NA         4.000         SNUBBER INSPECTION ONLY           75         1-MCA-NI-255         MCSRD-NIB/1 OF 2         OAL-14         VT-3         NA         4.000         SNUBBER INSPECTION ONLY           76         1-MCA-NI-355         MCSRD-NID/1 OF 1         OAL-14         VT-3         NA         18.000         SNUBBER INSPECTION ONLY           77         1-MCA-NI-355         MCSRD-NID/1 OF 1         OAL-14         VT-3         NA         18.000         SNUBBER INSPECTION ONLY           78         1-MCA-NI-357         MCSRD-NID/1 OF 1         OAL-14         VT-3         NA         18.000         SNUBBER INSPECTION ONLY           79         1-MCA-NI-357         MCSRD-NID/1 OF 1         OAL-14         VT-3         NA         4.000         SNUBBER INSPECTION ONLY           79         1-MCA-NI-357         MC 1190-NV-01-01         OAL-14         VT-3         NA							
F01.050.274 Class B		MCSRD-NIB/1 OF 2	QAL-14	VT-3	NA		SNUBBER INSPECTION ONLY	
F01.050.275 Class B		MCSRD-NIB/1 OF 2	QAL-14	VT-3	NA		SNUBBER INSPECTION ONLY	
F01.050.276 Class B		MCSRD-NIO/1 OF 1	QAL-14	VT-3	NA		SNUBBER INSPECTION ONLY	
F01.050.277 Class B		MCSRD-NIO/1 OF 1	QAL-14	VT-3	NA			
F01.050.278 Class B		MC 1190-NV-01-01	QAL-14	VT-3	NA		SNUBBER INSPECTION ONLY	
F01.050.300 Class B		MCSRD-FWA/SHT 4	QAL-14	VT-3	NA		SNUBBER INSPECTION ONLY	
F01.050.301 Class B		MCSRD-NSC	QAL-14	VT-3	NA			
F01.050.302 Class B		MCSRD-NSC	QAL-14	VT-3	NA		SNUBBER INSPECTION ONLY	



		Ir	service Ins	pection Datab	base Manag	ement System		Plan Report
Inservio	ce Inspection of Class 1,	2, and 3		McGu	ire 1			Page 86
Snubbe			Inservice I	inspection P	ian for Inte	erval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	I DIA/THK CAL BLOCKS	COMMENTS	
F01.050.303 Class B	1-MCA-NS-085 Hyd snubber	MCSRD-NSB	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.265C	
F01.050.304 Class B	1-MCA-NS-098 Hyd snubber	MCSRD-NSB	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.266C	
F01.050.305 Class B	1-MCA-NS-088 Hyd snubber	MCSRD-NSB	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.307 Class B	1-MCA-NS-091 Hyd snubber	MCSRD-NSB	QAL-14	VT-3	NA	10.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.310 Class B	1-MCA-NS-105 Hyd snubber	MCSRD-FWA/SHT 4	QAL-14	VT-3	NA	12.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.325 Class B	1-MCA-NV-5609 Mech snubber	MCSRD-NVD/1 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.326 Class B	1-MCA-NV-464 Hyd snubber	MCSRD-NVD/1 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.327 Class B	1-MCA-NV-5608 Mech snubber	MCSRD-NVD/2 OF 3	QAL-14	VT-3	NA	8.000 0.000	SNUBBER INSPECTION ONLY	



		In	service Ins	pection Datat	base Manage	ement System		Plan Report
Inservic	e Inspection of Class 1, 2,	and 3		McGu	ire 1			Page 87
Snubbe			Inservice I	nspection P	lan for Inte	rval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.328 Class B	1-MCA-NV-5621 Mech snubber	MC 1190-NV-01-02	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.329 Class B	1-MCA-NV-5622 Mech snubber	MC 1190-NV-01-02	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.330 Class B	1-MCA-NV-5619 Mech snubber	MC 1190-NV-01-01	QAL-14	VT-3	NA	4.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.331 Class B	MC 1683-NV-11-R20 Mech snubber	MC 1683-NV-11	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.332 Class B	1-MCR-NV-581 Hyd snubber	MCSRD-NV-24F/1 OF1	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.333 Class B	1-MCR-NV-1263 Mech snubber	MCSRD-NV-24F/1 OF1	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.335 Class B	1-MCA-NV-5625 Mech snubber	MC 1190-NV-01-03	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.336 Class B	1-MCA-NV-498 Hyd snubber	MCSRD-NVK/2 OF 2	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	



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

Inservice Inspection Database Management System									
Inservice	e Inspection of Class 1, 2,	and 3		McGu	ire 1			Page 88	
Snubber			Inservice I	Inspection P	Plan for Inte	rval 2 Outage 3		03/26/96	
ITEM NUMB		ISO/DWG NUMBERS	PROC			DIA/THK CAL BLOCKS	COMMENTS		
F01.050.337	1-MCA-NV-435 Hyd snubber	MCSRD-NVA/ 6 OF 9	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY		
Class B									
F01.050.338	1-MCA-NV-467	MCSRD-NVA/ 6 OF 9	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.339	1-MCR-NV-548	MCSRD-NV25F/1 OF 1	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.340	1-MCR-NV-545	MCSRD-NV25F/ 1 OF 1	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.341	1-MCA-NV-433	MCSRD-NVA/9 OF 9	QAL-14	VT-3	NA	3.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.342	MC 1683-NV-04-R33	MC 1683-NV-04	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.343	MC 1683-NV-04-R28	MC 1683-NV-04	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000			
Class B									
F01.050.344	1-MCR-NV-852	MCSRD-NV-06	QAL-14	VT-3	NA	2.000	SNUBBER INSPECTION ONLY		
	Hyd snubber					0.000	INSPECT WITH F01.010.153C		
Class A									

0







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

Plan Report

Inservic	e Inspection of Class 1,			McGu		goment oyotem		Plan Heport Page 89
Snubbe			Inservice I	Inspection P	lan for Int	erval 2 Outage 3		03/26/96
ITEM NUMB		ISO/DWG NUMBERS	PROC			H DIA/THK CAL BLOCKS	COMMENTS	
F01.050.345 Class A	1-MCR-NV-851 Hyd snubber	MCSRD-NV-06	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.347 Class A	1-MCR-NV-855 Hyd snubber	MCSRD-NV-06	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.154C	
F01.050.348 Class A	1-MCR-NV-1291 Mech snubber	MCSRD-NV-09	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.163C	
F01.050.349 Class A	1-MCR-NV-1293 Mech snubber	MCSRD NV-09	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.350 Class A	1-MCR-NV-819 Mech snubber	MCSRD NV-08/ 1 OF 2	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.351 Class A	1-MCR-NV-1064 Hyd snubber	MCSRD NV-04/ 1 OF 4	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.352 Class A	1-MCR-NV-1062 Mech snubber	MCSRD NV-04/ 1 OF 4	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.353 Class A	1-MCR-NV-1067 Hyd snubber	MCSRD NV-04/ 1 OF 4	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.161C	



		In	service Ins	pection Data	base Manage	ment System		Plan Report
Inservic	e Inspection of Class 1,	2, and 3		McGu	ire 1			Page 90
Snubbe	rs		Inservice I	Inspection P	lan for Inter	val 2 Outage 3		03/26/96
ITEM NUMB	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.354 Class B	1-MCR-NV-1011 Hyd snubber	MCSRD NV-04/1 OF 4	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.355 Class A	1-MCR-NV-1054 Mech snubber	MCSRD NV-04/4 OF 4	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.356 Class A	1-MCR-NV-1238 Mech snubber	MCSRD NV-02/ 3 OF 3	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.357 Class A	1-MCR-NV-1237 Mech snubber	MCSRD NV-02/ 3 OF 3	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.358 Class A	1-MCR-NV-1235 Hyd snubber	MCSRD NV-02/ 3 OF 3	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.359 Class A	1-MCR-NV-1234 Mech snubber	MCSRD NV-02/ 3 OF 3	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.010.162C	
F01.050.360 Class B	1-MCA-NV-471 Hyd snubber	MCSRD-NVD/ 3 OF 3	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION OHLY	
F01.050.361 Class B	1-MCA-NV-5624 Mech snubber	MC 1190-NV-01-03	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	



		In	service Ins	pection Datab	ase Manage	ement System		Plan Report
Inservic	e Inspection of Class 1, 2,	and 3		McGu	ire 1			Page 91
Snubbe			Inservice I	nspection P	lan for Inte	rval 2 Outage 3		03/26/96
ITEM NUMB	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.362 Class C	MC 1683-NV-01-R8A Hyd snubber	MC 1190-NV-01	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.030.055C	
F01.050.363 Class C	MC 1683-NV-50-R2 Mech snubber	MC 1683-NV-50	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.030.070C	
F01.050.364 Class C	MC 1683-NV-53-R9 Mech snubber	MC 1683-NV-53	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.365 Class C	MC 1683-NV-04-R15 Mech snubber	MC 1683-NV-04/2 OF 2	QAL-14	VT-3	NA	3.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.030.059C	
F01.050.366 Class C	MC 1583-NV-04-R22 Hyd snubber	MC 1683-NV-04/2 OF 2	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.367 Class C	MC 1683-NV-06-R9A Mech snubber	MC 1683-NV-06	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.368 Class C	MC1683-NV-06-R12A Mech snubber	MC1683-NV-06	QAL-14	VT-3	NA	2.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.400 Class B	1-MCA-RN-959 Mech snubber	MCSRD-RN-309	QAL-14	∨т-з	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.451C	



		In	service Ins	pection Datab	base Manag	gement System		Plan Report
Inservic	e Inspection of Class 1,	2, and 3		McGu	ire 1			Page 92
Snubbe			Inservice I	inspection P	lan for Int	erval 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCI	H DIA/THK CAL BLOCKS	COMMENTS	
F01.050.401 Class A	1-MCA-RN-974 Mech snubber	MCSRD-RN-304	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.425 Class C	1-MCA-SA-27 Mech snubber	MCSRD-SAA/SHT2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	125
F01.050.426 Class C	1-MCA-SA-23 Mech snubber	MCSRD-SAA/SHT 1	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.427 Class C	1-MCA-SA-22 Mech snubber	MCSRD-SAA/SHT 1	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.450 Class B	1-MCR-SM-89 Mech snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.451 Class B	1-MCR-SM-91 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.452 Class B	1-MCR-SM-90 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.557C	
F01.050.453 Class B	1-MCR-SM-93 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	



		In	service Ins	pection Datab	base Mana	gement System		Plan Report
Inservic	e Inspection of Class 1,	2, and 3		McGu	ire 1			Page 93
Snubbe	rs		Inservice I	Inspection P	lan for int	terval 2 Outage 3		03/26/96
ITEM NUMB	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CAL BLOCKS	COMMENTS	
F01.050.454 Class B	1-MCR-SM-94 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.455 Class B	1-MCR-SM-97 Mech snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	34.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.456 Class B	1-MCA-SM-175 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.457 Class B	1-MCA-SM-100 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.458 Class B	1-MCA-SM-101 Mech snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.558C	
F01.050.459 Class B	1-MCA-SM-102 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.460 Class B	1-MCA-SM-103 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.461 Class B	1-MCA-SM-104 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	



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

Plan Danort

Inservice Inspection of Class 1, 2, and 3 McGuire 1								Plan Report Page 94
Snubbe			Inconvice			terval 2 Outage 3		03/26/96
ITEM NUMB		ISO/DWG NUMBERS	PROC			CH DIA/THK CAL BLOCKS	COMMENTS	
F01.050.462 Class B	1-MCA-SM-108 Hyd snubber	MCSRD-SMA/SHT 3	QAL-14	VT-3	NA	36.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.463 Class B	1-MCR-SM-1 Mech snubber	MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.464 Class B	1-MCR-SM-3 Hyd snubber	MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.465 Class B	1-MCR-SM-2 Hyd snubber	MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.466 Class B	1-MCR-SM-5 Hyd snubber	MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.467 Class B	1-MCR-SM-6 Hyd snubber	MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.468 Class B	1-MCR-SM-9 Mech snubber	MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	34.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.469 Class B	1-MCA-SM-12 Hyd snubber	MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.551C	



		Ir	nservice Ins	spection Datab	base Manage	ment System		Plan Report
Inservio	e Inspection of CI	ass 1, 2, and 3		McGu	ire 1			Page 95
Snubbe			Inservice I	Inspection P	lan for Inter	val 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBE	ER ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.470 Class B	1-MCA-SM- Hyd snubber	11 MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.471 Class B	1-MCA-SM- Hyd snubber	16 MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.472 Class B	1-MCA-SM- Mech snubber	17 MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.473 Class B	1-MCA-SM- Hyd snubber	18 MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.474 Class B	1-MCA-SM- Hyd snubber	19 MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.475 Class B	1-MCA-SM- Hyd snubber	20 MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.553C	
F01.050.476 Class B	1-MCA-SM- Mech snubber	24 MCSRD-SMA/SHT 2	QAL-14	VT-3	NA	36.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.477 Class B	1-MCA-SM- Hyd snubber	69 MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	36.000 0.000	SNUBBER INSPECTION ONLY	



		Ir	nservice Ins	pection Datab	base Manager	ment System		Plan Report
Inservio	ce Inspection of Class 1,	, 2, and 3		McGu	ire 1			Page 96
Snubbe			Inservice	Inspection P	lan for Inter	val 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH I	DIA/THK CAL BLOCKS	COMMENTS	
F01.050.478 Class B	1-MCA-SM-73 Hyd snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.555C	
F01.050.479 Class B	1-MCA-SM-75 Hyd snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.480 Class B	1-MCA-SM-74 Hyd snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.481 Class B	1-MCA-SM-76 Mech snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.482 Class B	1-MCA-SM-77 Hyd snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.483 Class B	1-MCA-SM-174 Hyd snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.484 Class B	1-MCR-SM-154 Mech snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	34.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.563C	
F01.050.485 Class B	1-MCR-SM-159 Hyd snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	



### DUKE POWER CCMPANY QUALITY ASSURANCE TECHNICAL SERVICES Inservice Inspection Database Management System

Olan Danart

McGuire 1							Plan Report Page 97	
								03/26/96
Snubbe						rval 2 Outage 3		00120100
ITEM NUMB	and the second	ISO/DWG NUMBERS	PROC	and the second state of the second state of the	and the second se	DIA/THK CAL BLOCKS		
F01.050.486	1-MCR-SM-158 Hyd snubber	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY	
Class B								
F01.050.487		MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
01.050.488		MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
01.050.489	1-MCR-SM-163	MCSRD-SMA/SHT 4	QAL-14	VT-3	NA	42.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class B								
01.050.490		MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
01.050.491	1-MCR-SM-88	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000	SNUBBER INSPECTION ONLY	
	Mech snubber					0.000		
Class B								
01.050.492	1-MCR-SM-87	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000		
Class B								
F01.050.493	1-MCR-SM-83	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000	SNUBBER INSPECTION ONLY	
	Hyd snubber					0.000	INSPECT WITH F01.020.556C	
Class B								



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

Pian Report

Inservic	Inservice Inspection of Class 1, 2, and 3 McGuire 1								
Snubbe			Inservice I	nspection P	lan for Int	erval 2 Outage 3		Page 98 03/26/96	
ITEM NUME		ISO/DWG NUMBERS	PROC			H DIA/THK CAL BLOCKS	COMMENTS		
F01.050.494 Class B	1-MCR-SM-84 Hyd snubber	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.495 Class B	1-MCR-SM-79 Mech snubber	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	34.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.496 Class B	1-MCA-SM-153 Hyd snubber	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.497 Class B	1-MCA-SM-152 Hyd snubber	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.498 Class B	1-MCA-SM-149 Hyd snubber	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.499 Class B	1-MCA-SM-164 Mech snubber	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.564C		
F01.050.500 Class B	1-MCA-SM-146 Hyd snubber	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	42.000 0.000	SNUBBER INSPECTION ONLY		
F01.050.501 Class B	1-MCA-SM-141 Hyd snubber	MCSRD-SMA/SHT 5	QAL-14	VT-3	NA	36.000 0.000	SNUBBER INSPECTION ONLY		



	4	Ir	service Ins	pection Data	base Manageme	ent System		Plan Report
Inservic	ce Inspection of Class 1,	2, and 3		McGu	ire 1			Page 99
Snubbe			Inservice I	nspection P	lan for Interva	al 2 Outage 3		03/26/96
ITEM NUME	BER ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH DI	A/THK CAL BLOCKS	COMMENTS	
F01.050.525 Class B	1-MCA-SV-11 Mech snubber	MCSRD-SVA/SHT 1	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.526 Class B	1-MCA-SV-6 Mech snubber	MCSRD-SVA/SHT 1	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.527 Class B	1-MCA-SV-1 Mech snubber	MCSRD-SVA/SHT2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY	
F01.050.528 Class B	1-MCA-SV-17 Hyd snubber	MCSRD-SVA/SHT2	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY INSPECT WITH F01.020.602C	
F01.050.535 Class B	1-MCR-SGA-001 Hyd snubber	MCM 1117.00-0255 MC 1070-10	QAL-14	Vſ-3	NA	0.000 0.000	PAUL-MONROE HYDRAULIC SNUB STEAM GENERATOR	BER "1A"
F01.050.536 Class B	1-MCR-SGA-008 Hyd snubber	MCM 1117.00-0255 MC 1070-10	QAL-14	VT-3	NA	0.000 0.000	PAUL-MONROE HYDRAULIC SNUB	BER "1A"
F01.050.537 Class B	1-MCR-SGB-002 Hyd snubber	MCM 1117.00-0255 MC 1070-10	QAL-14	VT-3	NA	0.000 0.000	PAUL-MONROE HYDRAULIC SNUB	BER "1B"
F01.050.538 Class B	1-MCR-SGB-005 Hyd snubber	MCM 1117.00-0255 MC 1079-10	QAL-14	VT-3	NA	0.000 0.000	PAUL-MONROE HYDRAULIC SNUBI STEAM GENERATOR	BER "1B"



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

Dian Danart

-			iservice mis			ment System	Plan Repor
	e Inspection of Class 1, 1			McGu			Page 100 03/26/96
Snubber				and a state of the second		rval 2 Outage 3	
ITEM NUMB	IER ID NUMBER	ISO/DWG NUMBERS	PROC			DIA/THK CAL BLOCKS	
F01.050.539 Class B	1-MCR-SGC-003 Hyd snubber	MCM 1117.00-0255 MC 1070-10	QAL-14	VT-3	NA	0.000 0.000	PAUL-MONROE HYDRAULIC SNUBBER "1C" STEAM GENERATOR
F01.050.540 Class B	1-MCR-SGC-006 Hyd snubber	MCM 1117.00-0255 MC 1070-10	QAL-14	VT-3	NA	0.000 0.000	PAUL-MONROE HYDRAULIC SNUBBER "1C" STEAM GENERATOR
F01.050.541 Class B	1-MCR-SGD-004 Hyd snubber	MCM 1117.00-0255 MC 1070-10	QAL-14	VT-3	NA	0.000 0.000	PAUL-MONROE HYDRAULIC SNUBBER "1D" STEAM GENERATOR
F01.050.542 Class B	1-MCR-SGD-007 Hyd snubber	MCM 1117.00-0255 MC 1070-10	QAL-14	VT-3	NA	0.000 0.000	PAUL-MONROE HYDRAULIC SNUBBER "1D" STEAM GENERATOR
F01.050.550 Class B	1-MCA-VQ-010 Hyd snubber	MCSRD-VQA	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY. INSPECT WITH F01.020.651C
F01.050.551 Class B	1-MCR-VQ-508 Hyd snubber	MCSRD-VQ-02	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY
F01.050.552 Class B	1-MCR-VQ-514 Hyd snubber	MCSRD-VQ-02	QAL-14	VT-3	NA	6.000 0.000	SNUBBER INSPECTION ONLY

Total F01.050 Items: 351

Total F01 Items: 389



# **CATEGORY AUG, Augmented Inspections**

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

Plan Report

Augmented Ex Flywheel	xam, Reactor Coo		Inservice I	McGu nspection P		terval 2 Outage 3		Page 101 03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SC	H DIA/THK CAL BLOCKS	COMMENTS	
G01.001.002 Other Class A	1RCP-1B	MCM 1201.01-7	NDE-900	UT	CS	0.000 0.000	REACTOR COOLANT PUMP 18 GREATER THAN 90% EXAMINE	
G01.001.004 Other Class A	1RCP-1D	MCM 1201.01-7	NDE-900	UT	CS	0.000 0.000	REACTOR COOLANT PUMP 10 GREATER THAN 90% EXAMINE	
Total G01.001 Iter Total G01 Items:	ms: 2 2						100 C	



# **CATEGORY AUG, Augmented Inspections**

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

Plan Report

kam, Preheater S	ection Tubes		McGu	ire 1	Page 10			
		nservice I	nspection P	lan for Inte	rval 2 Outage 3	03/26/96		
ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS		
1SGA-TUBES	MCM 1201.01-135 MCM 1201.01-187		ET	Inconel	0.750 0.043	INFO ON S/G TUBE EXAMS CAN BE ACQUIRED FROM THE DIVERSIFIED SERVICES GROUP OF THE ELEC. SYSTEM DEPT. OF DPC		
1SGB-TUBES	MCM 1201.01-136 MCM 1201.01-187		ET	Inconel	0.750 0.043	INFO ON S/G TUBE EXAMS CAN BE ACQUIRED FROM THE DIVERSIFIED SERVICES GROUP OF THE ELEC. SYSTEM DEPT. OF DPC		
1SGC-TUBES	MCM 1201.01-137 MCM 1201.01-187		ET	Inconel	0.750 0.043	INFO ON S/G TUBE EXAMS CAN BE ACQUIRED FROM THE DIVERSIFIED SERVICES GROUP OF THE ELEC. SYSTEM DEPT. OF DPC		
1SGD-TUBES	MCM 1201.01-138 MCM 1201.01-187		ET	Inconel	0.750 0.043	INFO ON S/G TUBE EXAMS CAN BE ACQUIRED FROM THE DIVERSIFIED SERVICES GROUP OF THE ELEC. SYSTEM DEPT. OF DPC		
	ID NUMBER 1SGA-TUBES 1SGB-TUBES 1SGC-TUBES	ID NUMBER         ISO/DWG NUMBERS           1SGA-TUBES         MCM 1201.01-135 MCM 1201.01-187           1SGB-TUBES         MCM 1201.01-136 MCM 1201.01-187           1SGC-TUBES         MCM 1201.01-137 MCM 1201.01-187           1SGD-TUBES         MCM 1201.01-137 MCM 1201.01-187	ID NUMBER ISO/DWG NUMBERS PROC ISGA-TUBES MCM 1201.01-135 MCM 1201.01-187 ISGB-TUBES MCM 1201.01-136 MCM 1201.01-187 ISGC-TUBES MCM 1201.01-137 MCM 1201.01-137 MCM 1201.01-187	ID NUMBER ISO/DWG NUMBERS PROC INSP REQ ISGA-TUBES MCM 1201.01-135 ET 1SGB-TUBES MCM 1201.01-136 ET 1SGC-TUBES MCM 1201.01-137 ET 1SGC-TUBES MCM 1201.01-137 ET 1SGD-TUBES MCM 1201.01-138 ET	ID NUMBER ISO/DWG NUMBERS PROC INSP REQ MAT/SCH ISGA-TUBES MCM 1201.01-135 ET Inconel MCM 1201.01-187 ET Inconel 1SGB-TUBES MCM 1201.01-136 ET Inconel MCM 1201.01-187 ET Inconel 1SGC-TUBES MCM 1201.01-137 ET Inconel 1SGD-TUBES MCM 1201.01-138 ET Inconel	Inservice Inspection Plan for Interval 2 Outage 3ID NUMBERISO/DWG NUMBERSPROCINSP REQMAT/SCH DIA/THK CAL BLOCKSISGA-TUBESMCM 1201.01-135 MCM 1201.01-187ETInconel0.750 0.0431SGB-TUBESMCM 1201.01-136 MCM 1201.01-187ETInconel0.750 0.0431SGC-TUBESMCM 1201.01-137 MCM 1201.01-187ETInconel0.750 0.0431SGD-TUBESMCM 1201.01-137 MCM 1201.01-187ETInconel0.750 0.043		

Total G02.001 Items: 4

4

Total G02 Items:





Plan Report

# **CATEGORY AUG, Augmented Inspections**

Augmented Ex	am, Pipe Ruptur	e Protection		McGu	ire 1			Plan Heport Page 103	
			Inservice I	nspection P	lan for Inte	rval 2 Outag	e 3		03/26/96
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAI	BLOCKS	COMMENTS	
G03.001.004 Other	1NC1F-109	MCFI-1NC-47	NDE-600	UT	SS	10.000 1.000	50209	TO BE DONE WITH B09.011.060	
G03.001.004A Other	1NC1F-109	MCFI-1NC-47	NDE-35	PT	SS	10.000 1.000		TO BE DONE WITH B09.011.060A	
G03.001.005 Other	1NC-102-1	MCFI-1NC-47	NDE-600	UT	SS	10.000 1.000	50209	TO BE DONE WITH B09.011.059	
G03.001.005A Other	1NC-102-1	MCFI-1NC-47	NDE-35	РТ	SS	10.000 1.000		TO BE DONE WITH B09.011.059A	
G03.001.006 Other	1NC-102-2	MCFI-1NC-47	NDE-600	UT	SS	10.000 1.000	50209	TO BE DONE WITH B09.011.058	
G03.001.006A Other	1NC-102-2	MCFI-1NC-47	NDE-35	PT	SS	10.000 1.000		TO BE DONE WITH B09.011.058A	
G03.001.007 Other	1NC-128-1	MCFI-1NC-47	NDE-600	UT	SS	10.000 1.000	50209	TO BE DONE WITH B09.011.057	
G03.001.007A Other	1NC-128-1	MCFI-1NC-47	NDE-35	РТ	SS	10.000 1.000		TO BE DONE WITH B09.011.057A	



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

			1301 1100 1110		Plan Report			
Augmented Ex	kam, Pipe Ruptur	e Protection			Page 104			
			Inservica I		03/26/96			
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
G03.001.008 Other	1NC-128-2	MCFI-1NC-47	NDE-600	UT	SS	10.000 50209 1.000	TO BE DONE WITH B00.011.056	
G03.001.008A	1NC-128-2	MCFI-1NC-47	NDE-35	PT	SS	10.000	TO BE DONE WITH B09.011.056A	
Other						1.000		
Total G03.001 Iter	ms: 10				<u>.</u>	<u></u>		
Total G03.001 fter	115. 10							

Total G03 Items: 10

**CATEGORY AUG, Augmented Inspections** 



# CATEGORY AUG, Augmented Inspections

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

Plan Report

• Augmented E Modification	xam, Steam Gener		Inservice I	McGu nspection P		Page 105 03/26/96		
ITEM NUMBER	ID NUMBER	ISO/DWG NUMBERS		INSP REQ		CH DIA/THK CAL BLOCKS	COMMENTS	
G04.001.002 Other Class A	1SGB-CF-MOD		QAL-14	VT-3	CS	0.000 0.000	STEAM GENERATOR 1B FEEDWATER MODIFICATION	
Total G04.001 Ite Total G04 Items:		<u>i</u>						

# 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	H	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



Refueling Outage Report McGuire Unit 1 Section 4 Page 2 Revision 0 March 26, 1996



PAGE NO. 1 03/26/96

#### McGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS & (CATEGORY B-P) LEAKAGE TEST RESULTS

ITEM NUMBER: B15.050.001

OUTAGE EXAMINATION NUMBER DATE RESULTS STATUS EOC # 8 06/10/93 CLEAR COMPLETE EOC # 9 10/24/94 CLEAR COMPLETE EOC # 10 01/22/96 RECORDABLE COMPLETE 11 EOC # 11 N/A NOT TESTED 1 1 EOC # 12 N/A NOT TESTED EOC # 13 1 1 N/A NOT REQUIRED EOC # 14 1 1 N/A NOT TESTED



PAGE NO. 1 03/26/96

#### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS B (CATEGORY C-H) RESULTS

			1ST PERIOD		2ND PERIOD				3RD PERIOD				
ITEM NO.	DRAWING	EXAM. DATE	STATUS	PESULTS	EXAM. DATE	STATUS	RESULTS	EXA	100,000 10,000,000,000	RESULTS			
C07.030.001	MCL-1554-2.0	07/20/94	COMPLETE	CLEAR	09/19/95	PARTIAL	CLEAR	1	/ NOT REQUIRED	N/A			
C07.030.002	MCL-1554-3.0	07/25/94	COMPLETE	CLEAR	09/19/95	PARTIAL	CLEAR	/	/ NOT REQUIRED	N/A			
C07.030.003	MCL-1554-3.1	07/25/94	COMPLETE	CLEAR	11/06/95	COMPLETE	CLEAR	/	/ NOT REQUIRED	N/A			
C07.030.004	MCL-1554-5.0	07/20/94	COMPLETE	CLEAR	09/19/95	COMPLETE	CLEAR	/	/ NOT REQUIRED	N/A			
C07.030.005	MCL-1561-1.0	09/26/94	COMPLETE	CLEAR	01/17/96	PARTIAL	RECORDABLE	/	/ NOT REQUIRED	N/A			
C07.030.006	MCL-1562-1.0	07/20/94	COMPLETE	CLEAR	0\$/19/95	COMPLETE	CLEAR	1	/ NOT REQUIRED	N/A			
C07.030.007	MCL-1562-3.0	11/30/94	COMPLETE	RECORDABLE	12/06/95	PARTIAL	CLEAR	1	/ NOT REQUIRED	N/A			
C07.030.008	MCL-1562-3.1	10/25/94	COMPLETE	RECORDABLE	01/17/96	PARTIAL	CLEAR	1	/ NOT REQUIRED	N/A			
C07.030.009	MCL-1563-1.0	09/26/94	COMPLETE	CLEAR	01/17/96	PARTIAL	RECORDABLE	1	/ NOT REQUIRED	N/A			
C07.030.010	MCL-1571-1.0	09/26/94	COMPLETE	RECORDABLE	01/17/96	PARTIAL	CLEAR	1	/ NOT REQUIRED	N/A			
C07.030.011	MCL-1572-1.0	09/26/94	COMPLETE	CLEAR	01/23/96	PARTIAL	CLEAR	1	/ NOT REQUIRED	N/A			
C07.030.012	MCL-1553-2.1	08/23/94	COMPLETE	CLEAR	12/17/95	PARTIAL	CLEAR	1	/ NOT REQUIRED	N/A			
C07.030.014	MCL-1554-1.0	08/23/94	COMPLETE	RECORDABLE	01/22/96	COMPLETE	RECORDABLE	/	/ NOT REQUIRED	N/A			
C07.030.015	MCL-1554-1.1	08/23/94	COMPLETE	CLEAR	01/22/96	PARTIAL	RECORDABLE	1	/ NOT REQUIRED	N/A			
C07.030.016	MCL-1554-1.2	10/01/94	COMPLETE	RECORDABLE	01/.3/96	COMPLETE	CLEAR	1	NOT REQUIRED	N/A			



PAGE NO. 2 03/26/96

### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS B (CATEGORY C-E) RESULTS

				1ST PERIOD			2ND PERIOD				3RD PERIOD		
IT	EM NO.	DRAWING	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS		EX	AM. TE	STATUS	RESULTS
C0	7.030.017	MCL-1554-1.3	08/23/94	COMPLETE	CLEAR	01/22/96	PARTIAL	CLEAR		1	1	NOT REQUIRED	N/A
C0.	7.030.023	MCL-1565-1.1	02/21/94	COMPLETE	CLEAR	12/17/95	COMPLETE	CLEAR		1	1	NOT REQUIRED	N/A
C0	7.030.027	MCL-1572-3.0	02/24/94	COMPLETE	CLEAR	01/23/96	COMPLETE	CLEAR		1	/	NOT REQUIRED	N/A
C0	7.030.028	MCL-1573-3.1	02/08/94	COMPLETE	CLEAR	01/20/96	COMPLETE	CLEAR		1	/	NOT REQUIRED	N/A
CO	7.030.030	MCL-1574-4.0	02/02/94	COMPLETE	CLEAR	01/20/96	COMPLETE	CLEAR		1	/	NOT REQUIRED	N/A
C0	7.030.031	MCL-1580-1.0	02/24/94	COMPLETE	RECORDABLE	01/23/96	COMPLETE	CLEAR		1	1	NOT REQUIRED	N/A
CO	7.030.033	MCL-1591-1.1	08/18/94	COMPLETE	CLEAR	01/23/96	PARTIAL	CLEAR		1	/	NOT REQUIRED	N/A
C0	7.030.034	MCL-1592-1.0	08/18/94	COMPLETE	CLEAR	01/23/96	PARTIAL	CLEAR		1	1	NOT REQUIRED	N/A
C0	7.030.035	MCL-1593-1.0	06/16/94	COMPLETE	CLEAR	01/23/96	COMPLETE	CLEAR		/	1	NOT REQUIRED	N/A
C01	7.030.036	MCL-1593-1.2	07/11/94	COMPLETE	CLEAR	10/12/95	COMPLETE	CLEAR		1	/	NOT REQUIRED	N/A
C01	7.030.037	MCL-1593-1.3	06/16/94	COMPLETE	CLEAR	01/23/96	COMPLETE	CLEAR		1	1	NOT PEQUIRED	N/A
COT	7.030.040	MCL-1604-3.0	02/02/94	COMPLETE	CLEAR	12/20/95	COMPLETE	CLEAR		1	/	NOT REQUIRED	N/A



PAGE NO. 1 03/26/96

#### McGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS C (CATEGORY D-A) RESULTS

	DRAWING	1ST PERIOD				RIOD	3RD PERIOD				
TTEM NO.		EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS	EX	AM. TE	STATUS	RESULTS
D01.011.002	MCL-1554-2.0	07/20/94	COMPLETE	CLEAR	09/19/95	COMPLETE	CLEAR	1	/	NOT REQUIRED	N/A
D01.011.003	MCL-1554-3.1	10/01/94	COMPLETE	CLEAR	09/19/95	COMPLETE	CLEAR	1	1	NOT REQUIRED	N/A
D01.011.004	MCL-1554-5.0	07/20/94	COMPLETE	CLEAR	09/19/95	COMPLETE	CLEAR	/	/	NOT REQUIRED	N/A



PAGE NO. 1 03/26/96

#### McGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS C (CATEGORY D-B) RESULTS

		1ST PERIOD			2ND PERIOD				3RD PERIOD				
	ITEM NO.	DRAWING	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS		AM. TE	STATUS	RESULTS	
	D02.011.001	MCL-1573-1.0	08/02/94	COMPLETE	CLEAR	08/30/95	COMPLETE	CLEAR	1	1	NOT REQUIRED	N/A	
	D02.011.002	MCL-1573-1.1	08/02/94	COMPLETE	CLEAR	01/30/96	PARTIAL	CLEAR	/	1	NOT REQUIRED	N/A	
	D02.011.004	MCL-1574-1.0	07/13/94	COMPLETE	CLEAR	01/30/96	PARTIAL	CLEAR	1	/	NOT REQUIRED	N/A	
	D02.011.005	MCL-1574-1.1	07/13/94	COMPLETE	CLEAP	01/30/96	PARTIAL	CLEAR	1	1	NOT REQUIRED	N/A	
	D02.011.008	MCL-1574-3.0	07/11/94	COMPLETE	CLEAR	01/30/96	COMPLETE	CLEAR	1	1	NOT REQUIRED	N/A	
	D02.011.009	MCL-1574-3.1	11/30/94	COMPLETE	CLEAR	01/30/96	COMPLETE	CLEAR	/	1	NOT REQUIRED	N/A	
	D02.011.011	MCL-1592-1.0	10/27/94	COMPLETE	CLEAR	11/06/95	PARTIAL.	RECORDABLE	/	1	NOT REQUIRED	N/A	
	D02.011.012	MCL-1592-1.1	08/01/94	COMPLETE	CLEAR	11/06/95	PARTIAL	RECORDABLE	1	1	NOT REQUIRED	N/A	
	D02.011.013	MCL-1593-1.2	07/11/94	COMPLETE	CLEAR	10/12/95	COMPLETE	CLEAR	/	1	NOT REQUIRED	N/A	
	D02.011.015	MCL-1609-1.0	07/13/94	COMPLETE	CLEAR	09/12/95	PARTIAL	CLEAR	1	/	NOT REQUIRED	N/A	
	D02.011.016	MCL-1609-1.1	06/27/94	COMPLETE	RECORDABLE	01/30/96	COMPLETE	CLEAR	/	1	NOT REQUIRED	N/A	
	D02.011.017	MCL-1609-2.0	03/01/94	COMPLETE	CLEAR	09/12/95	COMPLETE	CLEAR	1	1	NOT REQUIRED	N/A	
	D02.011.018	MCL-1609-2.1	03/02/94	COMPLETE	CLEAR	11/21/95	COMPLETE	CLEAR	1	1	NOT REQUIRED	N/A	
	D02.011.019	MCL-1609-3.0	03/03/94	COMPLETE	CLEAR	09/12/95	COMPLETE	CLEAR	1	1	NOT TESTED	N/A	
	D02.011.020	MCL-1609-3.1	03/15/94	COMPLETE	CLEAR	11/21/95	PARTIAL	CLEAR	1	1	NOT TESTED	N/A	



PAGE NO. 2 03/26/96

### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS C (CATEGORY D-B) RESULTS

				1ST PERIOD			RIOD	3RD PERIOD				
ļ	ITEM NO.	DRAWING	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS	DA	AM. TE	STATUS	RESULTS
	D02.011.021	MCL-1609-4.0	03/02/94	COMPLETE	CLEAR	10/23/95	COMPLETE	RECORDABLE	1	/	NOT REQUIRED	N/A
	D02.011.022	MCL-2574-1.1	07/13/94	COMPLETE	CLEAR	01/30/96	PARTIAL	CLEAR	1	1	NOT REQUIRED	N/A
	D02.011.023	MCL-2574-3.0	06/27/94	COMPLETE	CLEAR	01/30/96	COMPLETE	CLEAR	/	1	NOT REQUIRED	N/A
	D02.011.024	MCL-2574-4.0	06/27/94	COMPLETE	CLEAR	01/30/96	COMPLETE	CLEAR	/	1	NOT REQUIRED	N/A
	D02.011.025	MCL-2604-3.0	06/27/94	COMPLETE	CLEAR	01/30/96	COMPLETE	CLEAR	1	1	NOT REQUIRED	N/A
	D02.012.027	MCH-1609-3.0	/ /	NOT RFQUIRED	N/A	09/12/95	PARTIAL	CLEAR	/	1	NOT TESTED	N/A
	D02.012.028	MCH-1609-3.1	1 1	NOT REQUIRED	N/A	11/21/95	PARTIAL	CLEAR	1	1	NOT TESTED	N/A



PAGE NO. 1 03/26/96

## MOGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS C (CATEGORY D-C) RESULTS

## THROUGH OUTAGE NUMBER 10

•	ITEM NC. DRAWING	-	1ST PERIOD				RIOD	3RD PERIOD			
			EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS	EXAM. DATE	STATUS	RESULTS
	D03.011.001	MCL-1570-1.0	07/18/94	COMPLETE	CLEAR	10/19/95	COMPLETE	CLEAR	11	NOT REQUIRED	N/A

## 5.0 Results Of Inspections Performed During Outage 10

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. 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, Class 2), Augmented and Alternate Requirements
ID Number	=	Unique Identification Number
Inspection Date	-	Date of Examination
Inspection Status	=	
CLR	=	Clear
REC	=	Recordable
REP	=	Reportable
*Inspection Limited	-	*Reference paragraph 5.2
L	=	Limited
	=	No
Geo. Ref.	-	Geometric Reflector (Applies only to UT)
N		No
Y	=	Yes
Comments	=	General and/or Detail Description





Refueling Outage Report McGuire Unit 1 Section 5

Page 1 Revision 0 March 26, 1996

## DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System McGuire Inservice Inspection Listing

#### Plant: McGuire 1

Run D Page 1 03/26/96

Plant: McGuire				Interval 2 Outag	le 3			
ITEM NUMBER	ID NUMBER	SYSTEM INSP DATE	INSP STATU	S INSP LIMITED	GEO REF	RFR	COMMENTS	
B02.012.002	1PZR-9	12/29/95	CLR		N	N		
B03.140.001	1SGA-INLET	01/16/96	CLR	75.93%	N	Y	Reference Request for Relief 96-01	
B03.140.002	1SGA-OUTLET	01/16/96	CLR	75.93%	N	Y	Reference Request for Reief 96-01	
B03.140.007	1SGD-INLET	01/16/96	CLR	75.93%	N	Y	Reference Request for Relief 96-01	
B03.140.008	1SGD-OUTLET	01/16/96	CLR	75.93%	N	Y	Reference Request for Relief 96-01	
B05.040.002	1PZR-W2SE	01/16/96	CLR	200 Jan - 193	N	Ν		
B05.040.002A	1PZR-W2SE	12/21/95	CLR		N	Ν		
B05.040.003	1PZR-W3SE	12/28/95	CLR		N	Ν		
B05.040.003A	1PZR-W3SE	12/26/95	CLR		N	N		
B05.040.004	1PZR-W4ASE	12/28/95	CLR		N	N		
B05.040.004A	1PZR-W4ASE	12/27/95	CLR		N	Ν		
B05.070.001	1SGA-INLET-SE	01/22/96	CLR	48.60%	N	Y	Reference Request for Relief 96-01	
B05.070.001A	1SGA-INLET-SE	01/10/96	CLR		N	Ν		
B05.070.002	1SGA-OUTLET-SE	01/22/96	CLR	48.60%	N	Y	Reference Request for Relief 96-01	
B05.070.002A	1SGA-OUTLET-SE	01/10/96	CLR		N	N		
B05.130.002	1NC1F-1-2	01/22/96	CLR	48.60%	N	Y	Reference Request for Relief 96-01	
B05.130.002A	1NC1F-1-2	01/10/96	CLR		N	N		
B05.130.003	1NC1F-1-3	01/22/96	CLR	48.60%	Ν	Y	Reference Request for Relief 96-01	
B05.130.003A	1NC1F-1-3	01/10/96	CLR		N	N		
B06.010.016	1RPV-449-02-16	01/02/96	CLR		N	N		
B06.010.017	1RPV-449-02-17	01/02/96	CLR		N	N		
B06.010.018	1RPV-449-02-18	01/02/96	CLR		N	N		
B06.010.019	1RPV-449-02-19	01/02/96	CLR		N	N		
B06.010.020	1RPV-449-02-20	01/03/96	CLR		N	Ν		
B06.010.021	1RPV-449-02-21	01/03/96	CLR		N	N		
B06.010.022	1RPV-449-02-22	01/03/96	CLR		N	N		
B06.010.023	1RPV-449-02-23	01/02/96	CLR		N	Ν		
B06.010.024	1RPV-449-02-24	01/03/96	CLR		N	N		
B06.010.025	1RPV-449-02-25	01/03/96	CLR		N	N		
B06.010.026	1RPV-449-02-26	01/02/96	CLR		N	N		
B06.010.027	1RPV-449-02-27	01/03/96	CLR		N	N		
B06.010.028	1RPV-449-02-28	01/02/96	CLR		N	N		
B06.010.029	1RPV-449-02-29	01/02/96	CLR		N	N		
B06.010.030	1RPV-449-02-30	01/02/96	CLR		N	N		
B06.010.031	1RPV-449-02-31	01/03/96	CLR		N	N		
B06.010.032	1RPV-449-02-32	01/02/96	CLR		N	N		

## DUKE POWER COMPANY

## QUALITY ASSURANCE TECHNICAL SERVICES

In-Service Inspection Database Management System

McGuire Inservice Inspection Listing

	McGuire	ы
Plant:	NICCUHE	

03/2				Interval 2 Outage 3							
	COMMENTS	RFR	GEO REF	S INSP LIMITED	INSP STATU	SYSTEM INSP DATE	ID NUMBER	ITEM NUMBER			
		N	N		CLR	01/03/96	1RPV-449-02-33	B06.010.033			
		N	N		CLR	01/02/96	1RPV-449-02-34	B06.010.034			
		N	N		CLR	01/02/96	1RPV-449-02-35	B06.010.035			
		Ν	N		CLR	01/02/96	1RPV-449-02-36	B06.010.036			
		N	N		CLR	12/29/95	1RPV-449-01-16	B06.030.016			
		N	N		CLR	01/02/96	1RPV-449-01-16	B06.030.016A			
		N	N		CLR	12/29/95	1RPV-449-01-17	B06.030.017			
		N	N		CLR	01/02/96	1RPV-449-01-17	B06.030.017A			
		N	N		CLR	12/29/95	1RPV-449-01-18	B06.030.018			
		N	N		CLR	01/02/96	1RPV-449-01-18	B06.030.018A			
		N	N	an shekara	CLR	12/29/95	1RPV-449-01-19	B06.030.019			
		N	N		CLR	01/02/96	1RPV-449-01-19	B06.030.019A			
		N	N		CLR	12/29/95	1RPV-449-01-20	B06.030.020			
		N	Ν		CLR	01/03/96	1RPV-449-01-20	B06.030.020A			
		N	N		CLR	12/29/95	1RPV-449-01-21	B06.030.021			
		N	N		CLR	01/03/96	1RPV-449-01-21	B06.030.021A			
		Ν	N		CLR	12/29/95	1RPV-449-01-22	B06.030.022			
		N	N		CLR	01/03/96	1RPV-449-01-22	B06.030.022A			
		N	N		CLR	12/29/95	1RPV-449-01-23	B06.030.023			
		N	N		CLR	01/02/96	1RPV-449-01-23	B06.030.023A			
		N	N		CLR	12/29/95	1RPV-449-01-24	B06.030.024			
		N	N		CLR	01/03/96	1RPV-449-01-24	B06.030.024A			
		Ν	Ν		CLR	12/29/95	1RPV-449-01-25	B06.030.025			
		Ν	N		CLR	01/03/96	1RPV-449-01-25	B06.030.025A			
		N	N		CLR	12/29/95	1RPV-449-01-26	B06.030.026			
		Ν	N		CLR	01/02/96	1RPV-449-01-26	B06.030.026A			
		Ν	N		CLR	12/29/95	1RPV-449-01-27	B06.030.027			
		Ν	N		CLR	01/03/96	1RPV-449-01-27	B06.030.027A			
		Ν	N		CLR	12/29/95	1RPV-449-01-28	B06.030.028			
		Ν	N		CLR	01/02/96	1RPV-449-01-28	B06.030.028A			
		Ν	N		CLR	12/29/95	1RPV-449-01-29	B06.030.029			
		N	N		CLR	01/02/96	1RPV-449-01-29	B06.030.029A			
		Ν	N		CLR	12/29/95	1RPV-449-01-30	B06.030.030			
		Ν	Ν		CLR	01/02/96	1RPV-449-01-30	B06.030.030A			
		Ν	N		CLR	12/29/95	1RPV-449-01-31	B06.030.031			
		N	N		CLR	01/03/96	1RPV-449-01-31	B06.030.031A			

Run D Page 2 03/26/96

#### DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System

#### McGuire Inservice Inspection Listing Interval 2 Outage 3

## Plant: McGuire 1

Run D Page 3 03/26/96

	r iurit.			1	nterval 2 Outag	e 3			03/20/
	ITEM NUMBER	ID NUMBER	SYSTEM INSP DATE	INSP STATUS	S INSP LIMITED	GEO REF	RFR	COMMENTS	
	B06.030.032	1RPV-449-01-32	12/29/95	CLR		N	N		
	B06.030.032A	1RPV-449-01-32	01/02/96	CLR		Ν	N		
	B06.030.033	1RPV-449-01-33	12/29/95	CLR		N	Ν		
	B06.030.033A	1RPV-449-01-33	01/03/96	CLR		N	Ν		
	B06.030.034	1RPV-449-01-34	12/29/95	CLR		N	N		
	B06.030.034A	1RPV-449-01-34	01/02/96	CLR		N	Ν		
	B06.030.035	1RPV-449-01-35	12/29/95	CLR		N	N		
	B06.030.035A	1RPV-449-01-35	01/02/96	CLR		Ν	Ν		
	B06.030.036	1RPV-449-01-36	12/29/95	CLR		Ν	Ν		
	B06.030.036A	1RPV-449-01-36	01/02/96	CLR		N	Ν		
	B06.050.016	1RPV-449-03-16	12/28/95	CLR		N	N		
	B06.050.017	1RPV-449-03-17	12/28/95	CLR		N	N		
	B06.050.018	1RPV-449-03-18	12/28/95	CLR		Ν	N		
	B06.050.019	1RPV-449-03-19	12/28/95	CLR		N	N		
	B06.050.020	1RPV-449-03-20	12/28/95	CLR		Ν	N		
	B06.050.021	1RPV-449-03-21	12/28/95	CLR		N	N		
	B06.050.022	1RPV-449-03-22	12/28/95	CLR		N	Ν		
	B96.050.023	1RPV-449-03-23	12/28/95	CLR		N	Ν		
	B06.050.024	1RPV-449-03-24	12/28/95	CLR		N	Ν		
	B06.050.025	1RPV-449-03-25	12/28/95	CLR		Ν	Ν		
	B06.050.026	1RPV-449-03-26	12/28/95	CLR		Ν	Ν		
	B06.050.027	1RPV-449-03-27	12/28/95	CLR		N	Ν		
	B06.050.028	1RPV-449-03-28	12/28/95	CLR		N	N		
	B06.050.029	1RPV-449-03-29	12/28/95	CLR		Ν	N		
	B06.050.030	1RPV-449-03-30	12/28/95	CLR		N	N		
	B06.050.031	1RPV-449-03-31	12/28/95	CLR	***	Ν	Ν		
	B06.050.032	1RPV-449-03-32	12/28/95	CLR		Ν	Ν		
	B06.050.033	1RPV-449-03-33	12/28/95	CLR		Ν	Ν		
	B06.050.034	1RPV-449-03-34	12/28/95	CLR		N	Ν		
	B06.050.035	1RPV-449-03-35	12/28/95	CLR		Ν	Ν		
	B06.050.036	1RPV-449-03-36	12/28/95	CLR		N	Ν		
	B07.030.003	1SGB-MW-X-W	01/05/96	CLR		N	Ν		
	B07.030.004	1SGB-MW-Z-W	01/05/96	CLR		N	Ν		
	B07.030.005	1SGC-MW-X-Y	01/05/96	CLR		N	Ν		
	B07.030.006	1SGC-MW-Y-Z	01/05/96	CLR		Ν	Ν		
	B07.070.064G	1NI-181	12/22/95	CLR		N	Ν		
11									

## DUKE POWER COMPANY

## QUALITY ASSURANCE TECHNICAL SERVICES

## In-Service Inspection Database Management System McGuire Inservice Inspection Listing

## Plant: McGuire 1

#### Interval 2 Outage 3

Run D Page 4 03/26/96

				51	nterval 2 Outag	e 3		
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	S INSP LIMITED	GEO REF	RFR	COMMENTS
B08.020.001	1PZR-SKIRT		12/21/95	CLR		N	N	
B09.011.053	1NCP-224-1	NC	01/17/96	CLR		N	Ν	
B09.011.053A	1NCP-224-1	NC	12/26/95	CLR		N	N	
B09.011.054	1NC1F-546	NC	01/17/96	CLR		N	N	
BC3.011.054A	1NC1F-546	NC	12/26/95	CLR		N	N	
B09.011.055	1NC1F-547	NC	01/17/96	CLR		N	N	
B09.011.055A	1NC1F-547	NC	12/26/95	CLR		N	N	
B09.011.056	1NC-128-2	NC	01/02/96	REC		Y	N	
B09.011.056A	1NC-128-2	NC	12/21/95	CLR	i l'antigit	N	N	
B09.011.057	1NC-128-1	NC	01/02/96	REC	and the second	Y	N	
B09.011.057A	1NC-128-1	NC	12/21/95	CLR	11 and 11 and	N	N	
B09.011.058	1NC-102-2	NC	01/02/96	CLR		N	Ν	
B09.011.058A	1NC-102-2	NC	12/20/95	CLR		N	N	
B09.011.059	1NC-102-1	NC	01/02/96	CLR	a ser a s	N	N	
B09.011.059A	1NC-102-1	NC	12/20/95	CLR		N	N	
B09.011.060	1NC1F-109	NC	01/17/96	CLR		N	N	
B09.011.060A	1NC1F-109	NC	12/21/95	CLR	10 mar - 10 m	N	Ν	
B09.011.226	1NI1F-266	NI	01/02/96	CLR		N	N	
B09.011.226A	1NI1F-266	NI	12/21/95	CLR		N	N	
B09.011.227	1NI-180-1	NI	01/02/96	CLR		N	N	
B09.011.227A	1NI-180-1	NI	12/21/95	CLR	1997 - Andrew State (1997)	N	N	
B09.021.001	1NC1F-2643	NC	12/26/95	CLR		N	N	
B09.021.002	1NC1F-2652	NC	12/26/95	CLR		N	N	
B09.021.005	1NC1F-525	NC	12/26/95	CLR		N	N	
B09.031.004	1NC47-WN8	NC	12/27/95	CLR	47.40%	N	Y	Reference Request for Relief 96-01
B09.031.004A	1NC47-WN8	NC	12/21/95	CLR		N	Ν	
B09.032.005	1NC23-WN2	NC	12/21/95	CLR		N	Ν	
B09.032.006	1NC24-WN2	NC	12/21/95	CLR		N	N	
B09.032.007	1NC32-WN8	NC	12/27/95	CLR		N	N	
B09.040.001	1NC1F-281	NC	12/27/95	CLR		N	Ν	
B09.040.216	1NV1F-5418	NV	12/21/95	CLR		N	N	
B09.040.218	1NV1F-5425	NV	12/21/95	CLR		N	Ν	
B09.040.219	1NV1F-5431	NV	12/21/95	CLR		N	N	
B09.040.220	1NV1F-5685	NV	12/21/95	CLR		N	N	
B09.040.222	1NV1F-6573	NV	12/21/95	CLR		N	N	
B09.040.223	1NV1F-5694	NV	12/21/95	CLR		N	Ν	

### In-Service Inspection Database Management System

McGuire Inservice Inspection Listing Interval 2 Outage 3

## Plant: McGuire 1

Run D Page 5 03/26/96

Flaint. moutine				In	terval 2 Outag	le 3			03/20/
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS	
B09.040.224	1NV1F-5698	NV	12/21/95	CLR	-	N	N		
B12.050.004F	1NI-82		01/01/96	CLR		N	N		
B13.010.001	1RPV-INTERIOR		01/05/96	CLR		N	Ν		
B14.010.010	1RPV-CRDM-64		12/26/95	CLR		N	N		
C01.010.080	1ACSHX-SH-47		11		0.00%	N	Y	Reference Request for Relief 96-02	
C01.010.090	1RCPA-8-1		12/18/95	REC		Y	N		
C01.020.001	1SGD-06B-07		01/16/96	REC		Y	N		
C01.020.050	1LDHX-04-03		11		0.00%	N	Y	Reference Request For Relief 96-02	
C01.020.080	1RCPA-10-1		12/18/95	CLR		N	N		
C01.020.090	1RCPSS-SH-3		08/23/95	REC		Y	N		
C01.020.091	1RCPSS-SH-2		08/23/95	CLR		N	N		
C01.030.010	1ACSHX-SH-48		11		0.00%	N	Y	Reference Request for Relief 96-02	
C02.021.002	1SGA-SB-02		01/01/96	CLR	***	N	N		
C02.021.002A	1SGA-SB-02		12/29/95	CLR		N	N		
C02.022.002	1SGA-SB-02		01/01/96	CLR		N	N		
C02.033.001	1RHR-1A-INLET		01/11/96	CLR		N	N		
C02.033.002	1RHR-1A-OUTLET		01/11/96	CLR		N	Ν		
C02.033.005	1ACSHX-1A-INLET		09/11/95	CLR		N	N		
C02.033.006	1ACSHX-1B-OUTLET		09/11/95	CLR		N	N		
C03.020.001	1MCR-CF-158		12/27/95	CLR		N	N		
C03.020.003	1MCR-CF-174		12/27/95	CLR		N	N		
C05.011.007	1ND12A-1	ND	09/12/95	CLR		N	N		
C05.011.007A	1ND12A-1	ND	08/14/95	CLR		N	N		
C05.011.010	1ND1F21A	ND	09/12/95	CLR		N	N		
C05.011.010A	1ND1F21A	ND	08/14/95	CLR		N	N		
C05.011.011	1ND1F125	ND	08/23/95	CLR		N	N		
C05.011.011A	1ND1F125	ND	08/08/95	CLR		N	N		
C05.011.012	1ND133-1	ND	08/18/95	CLR		N	Ν		
C05.011.012A	1ND133-1	ND	08/08/95	CLR		N	N		
C05.011.029	1ND1F-87	ND	08/23/95	CLR		N	N		
C05.011.029A	1ND1F-87	ND	08/14/95	CLR		N	N		
C05.011.030	1ND72-6A		08/23/95	CLR		N	N		
C05.011.030A	1ND72-6A		08/14/95	CLR		N	N		
C05.011.031	1ND72-5A	ND	08/23/95	CLR		N	N		
C05.011.031A	1ND72-5A	ND	08/14/95	CLR		Ν	Ν		
C05.011.032	1ND72-4	ND	08/23/85	CLR		N	N		

#### DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System

## McGuire Inservice Inspection Listing

## Interval 2 Outage 3

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
C05.011.032A	1ND72-4	ND	08/14/95	CLR		N	Ν	
C05.011.033	1ND72-3	ND	08/21/95	CLR		N	N	
C05.011.033A	1ND72-3	ND	08/14/95	CLR		Ν	Ν	
C05.011.034	1ND72-2	CN	08/21/95	CLR		N	N	
C05.011.034A	1ND72-2	ND	08/14/95	CLR		N	N	
C05.011.035	1ND72-1	ND	08/21/95	CLR		N	N	
C05.011.035A	1ND72-1	ND	08/14/95	CLR		N	Ν	
C05.011.037	1ND70-1	ND	08/21/95	CLR	***	N	N	
C05.011.037A	1ND70-1	ND	08/14/95	CLR		N	N	
C05.012.013	1ND1F-125L		08/23/95	CLR		N	N	
C05.012.013A	1ND1F-125L		08/08/95	CLR		N	N	
C05.012.014	1ND133-1L		08/18/95	CLR		N	N	
C05.012.014A	1ND133-1L		08/08/95	CLR		N	Ν	
C05.012.031	1ND1F-87L		08/23/95	CLR		N	Ν	
C05.012.031A	1ND1F-87L		08/14/95	CLR		N	Ν	
C05.012.032	1ND-72-6AL		08/23/95	CLR		N	Ν	
C05.012.032A	1ND-72-6AL	100	08/14/95	CLR		N	N	
C05.012.033	1ND-72-5AL	1	08/23/95	CLR		N	N	
C05.012.033A	1ND-72-5AL	4	08/14/95	CLR		N	N	
C05.012.034	1ND-72-4L		08/23/95	CLR		N	Ν	
C05.012.034A	1ND-72-4L		08/14/95	CLR		N	Ν	
C05.012.035	1ND-72-3L		08/21/95	CLR		N	N	
C05.012.035A	1ND-72-3L		08/14/95	CLR		N	Ν	
C05.012.036	1ND-72-2L		08/21/95	CLR		N	N	
C05.012.036A	1ND-72-2L		08/14/95	CLR		N	N	
C05.012.037	1ND-72-1L		08/21/95	CLR		N	Ν	
C05.012.037A	1ND-72-1L		08/14/95	CLR		N	Ν	
C05.021.051	1NV615-1	NV	08/22/95	CLR		N	Ν	
C05.021.051A	1NV615-1	NV	08/08/95	CLR		N	N	
C05.021.053	1NV1F-5681	NV	08/22/95	CLR		N	N	
C05.021.053A	1NV1F-5681	NV	01/03/96	CLR		N	N	
C05.021.054	1NV15-2	NV	08/21/95	CLR		N	Ν	
C05.021.054A	1NV15-2	NV	08/08/95	CLR		N	Ν	
C05.021.055	1NV1F-1981	NV	08/21/95	CLR		N	Ν	
C05.021.055A	1NV1F-1981	NV	08/08/95	CLR		Ν	Ν	

CLR

N

N

NV

08/21/95

1NV18A-3

C05.021.056

Plant: McGuire 1

Run D Page 6 03/26/96

## DUKE POWER COMPANY

QUALITY ASSURATICE TECHNICAL SERVICES In-Service Inspection Database Management System

McGuire Inservice Inspection Listing Interval 2 Outage 3

## Plant: McGuire 1

Run D Page 7 03/26/96

					itervar z Outag	10.0		
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
05.021.056A	1NV18A-3	NV	08/14/95	CLR		N	Ν	
05.021.057	1NV7-1	NV	08/21/95	CLR		N	Ν	
C05.021.057A	1NV7-1	NV	08/22/95	CLR		N	N	
C05.030.066	1NV1F179-180	NV	12/20/95	CLR		N	Ν	
C05.030.067	1NV1F-3251	NV	08/08/95	CLR		Ν	N	
C05.030.068	1NV1F-7872	NV	08/29/95	CLR		N	N	
05.030.071	1NV1F-2239	NV	08/21/95	CLR		N	N	
05.030.072	1NV1F-3245	NV	08/08/95	CLR		Ν	N	
05.041.050	1NV43A-2	NV	08/22/95	CLR		Ν	Ν	
05.051.201	1SM1F-358	SM	01/15/96	CLR		N	Ν	
05.051.201A	1SM1F-358	SM	12/29/95	CLR		N	N	
05.051.204	1SM1F-63	SM	01/16/96	CLR		N	Ν	
C05.051.204A	1SM1F-63	SM	01/17/96	CLR	1	N	Ν	
05.051.214	1SM1F-3D		12/28/95	CLR		N	N	
05.051.214A	1SM1F-3D		12/27/95	CLR		N	N	
05.051.216	1SM1F-2A		12/28/95	CLR	- 1	N	N	
05.051.216A	1SM1F-2A		12/27/95	CLR		N	N	
05.052.020	1SM1F-358L		01/15/96	CLR		N	N	
05.052.020A	1SM1F-358L		12/29/95	CLR	and see	N	N	
05.052.028	1SM1F-3DL		12/28/95	CLR		N	N	
05.052.028A	1SM1F-3DL		12/27/95	CLR		N	N	
05.052.030	1SM1F-2AL		12/28/95	CLR		N	Ν	
05.052.030A	1SM1F-2AL		12/27/95	CLR		N	N	
C06.020.003A	1NV-237-1		08/03/95	CLR		N	N	
C06.020.003B	1NV-237-2		08/03/95	CLR		N	Ν	
01.010.005A	1-MCR-NC-540		01/03/96	CLR		ist	Ν	
01.010.007A	1-MCR-NC-545		12/21/95	CLR		N	Ν	
01.010.008A	1-MCR-NC-555		01/08/96	CLR		N	Ν	
01.010.053C	1-MCR-ND-507		12/22/95	CLR		Ν	N	
01.010.103B	1-MCR-NI-527		01/09/96	CLR		N	Ν	
01.010.107A	1-MCR-NI-547		12/22/95	CLR		N	N	
01.010.151B	1-MCR-NV-814		12/22/95	CLR		N	Ν	
F01.010.152B	1-MCR-NV-848		01/01/96	CLR		N	N	
01.020.001C	1MCA-CA-365		03/07/95	CLR		N	Ν	
F01.020.007C	1-MCA-CA-411		03/06/95	CLR		N	N	
F01.020.051C	1-MCA-CF-152		03/02/95	CLR		N	N	

#### In-Service Inspection Database Management System McGuire Inservice Inspection Listing

Run D Page 8 03/26/96

Plant: McGuire	1	Interval 2 Outage 3									
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS			RFR	COMMENTS			
F01.020.101C	1-MCA-FW-001		03/28/95	CLR		N	N				
F01.020.151C	1-MCA-ND-002		03/01/95	REC		N	N				
F01.020.152B	1-MCA-ND-007		04/11/95	CLR		N	N				
F01.020.154A	1-MCA-ND-021		04/02/95	REC		N	N				
F01.020.213C	1-MCR-NI-688		12/28/95	CLR		N	N				
F01.020.222C	1-MCR-NI-717		12/29/95	CLR		N	N				
F01.020.225B	1-MCR-NI-774		12/28/95	CLR		N	N				
F01.020.226B	1-MCR-NI-775		12/28/95	CLR		N	N				
F01.020.260A	1-MCA-NS-030		03/21/95	CLR	-	N	N				
F01.020.261B	1-MCA-NS-036		03/15/95	CLR		N	N				
F01.020.262C	1-MCA-NS-039		03/15/95	CLR		N	N				
F01.020.316A	1-MCA-NV-023		01/11/96	CLR		N	N				
F01.020.317A	1-MCA-NV-027		03/29/95	CLR		N	N				
F01.020.318B	1-MCA-NV-029		04/11/95	CLR		N	Ν				
F01.020.319A	MC 1683-NV-04-R27		02/28/95	CLR		N	N				
F01.020.320C	MC 1683-NV-04-R28		03/21/95	CLR		N	N				
F01.020.554A	1-MCA-SM-070		03/21/95	CLR		N	N				
F01.020.555C	1-MCA-SM-073		03/14/95	CLR		N	N				
F01.020.601C	1-MCA-SV-013		03/07/95	CLR		N	N				
F01.020.652A	1-MCA-VQ-011		03/15/95	REC	dia ny s	N	N				
F01.030.059C	MC 1683-NV-04-R15		03/29/95	CLR		N	N				
F01.030.060B	MC 1683-NV-04-R20		01/06/96	CLR		N	N				
F01.030.070C	MC 1683-NV-50-R2		01/05/96	CLR		N	N				
F01.040.001	1PZR-SKIRT		12/21/95	CLR		N	N				
F01.040.002	1PZR-LUGS		01/04/96	CLR		N	N				
F01.040.007	1RCP-B-SUPPORT		01/13/96	CLR		N	N				
F01.040.014	1RCPSS-SUP		04/19/95	CLR		N	N				
F01.050.001	1-MCA-CA-187	CA	03/29/95	CLR		N	N				
F01.050.002	1-MCA-CA-220	CA	03/21/95	CLR		N	N				
F01.050.003	1-MCA-CA-347	CA	03/01/95	REC		N	N				
F01.050.004	1-MCA-CA-349	CA	03/01/95	REC		Ν	Ν				
F01.050.005	1-MCA-CA-498	CA	03/07/95	CLR		N	N				
F01.050.006	1-MCA-CA-422	CA	03/14/95	CLR		N	N				
F01.050.007	1-MCA-CA-423	CA	03/14/95	CLR		N	N				
F01.050.008	1-MCA-CA-460	CA	03/21/95	CLR		N	N				
F01.050.009	1-MCA-CA-459	CA	03/06/95	REC		N	N				

## In-Service Inspection Database Management System McGuire Inservice Inspection Listing

#### Plant: McGuire 1

Run D Page 9 03/26/96

Plant: McGuire	1		Interval 2 Outage 3									
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS				
F01.050.010	1-MCA-CA-198	CA	03/14/95	CLR		N	Ν					
F01.050.011	1-MCA-CA-228	CA	03/06/95	CLR		N	Ν					
F01.050.012	1-MCA-CA-325	CA	03/01/95	CLR		N	Ν					
F01.050.013	1-MCR-CA-392	CA	12/22/95	CLR		N	N					
F01.050.014	1-MCR-CA-391	CA	12/22/95	CLR		Ν	N					
F01.050.015	1-MCR-CA-394	CA	12/21/95	CLR		N	Ν					
F01.050.016	1-MCR-CA-389	CA	12/22/95	CLR		N	Ν					
F01.050.017	1-MCR-CA-388	CA	12/22/95	CLR		N	Ν					
F01.050.018	1-MCA-CA-366	CA	03/06/95	CLR		N	N					
F01.050.019	1-MCA-CA-369	CA	03/07/95	CLR		Ν	N					
F01.050.020	1-MCA-CA-370	CA	02/28/95	CLR		N	N					
F01.050.021	1-MCA-CA-385	CA	03/14/95	CLR		N	Ν					
F01.050.022	1-MCA-CA-365	CA	03/07/95	CLR		Ν	N					
F01.050.023	1-MCR-CA-396	CA	12/21/95	CLR		N	N					
F01.050.024	1-MCR-CA-382	CA	12/21/95	CLR		Ν	N					
F01.050.025	1-MCR-CA-398	CA	12/21/95	CLR		N	Ν					
F01.050.026	1-MCR-CA-401	CA	12/21/95	CLR	***	N	Ν					
F01.050.027	1-MCA-CA-410	CA	03/14/95	REC		N	Ν					
F01.050.028	1-MCA-CA-411	CA	03/07/95	CLR		N	N					
F01.050.029	1-MCA-CA-412	CA	03/20/95	CLR		N	N					
F01.050.030	1-MCA-CA-419	CA	03/06/95	REC		N	Ν					
F01.050.031	1-MCA-CA-417	CA	03/02/95	CLR		N	Ν					
F01.050.032	1-MCA-CA-415	CA	03/07/95	CLR		N	Ν					
F01.050.033	1-MCA-CA-414	CA	03/14/95	CLR		N	N					
F01.050.034	1-MCR-CA-484	CA	12/30/95	CLR		N	Ν					
F01.050.035	1-MCR-CA-487	CA	01/10/96	CLR		N	N					
F01.050.036	1-MCR-CA-490	CA	12/21/95	CLR		N	N					
F01.050.037	1-MCA-CA-473	CA	03/14/95	CLR		Ν	Ν					
F01.050.038	1-MCA-CA-474	CA	03/21/95	CLR		Ν	N					
F01.050.039	1-MCA-CA-475	CA	03/09/95	CLR		N	N					
F01.050.040	1-MCA-CA-467	CA	03/02/95	CLR		Ν	N					
F01.050.041	1-MCA-CA-468	CA	03/02/95	CLR		N	N					
F01.050.042	1-MCA-CA-470	CA	03/06/95	CLR		N	N					
F01.050.043	1-MCA-CA-471	CA	03/21/95	CLR		N	N					
F01.050.044	1-MCA-CA-432	CA	03/14/95	CLR		N	N					

## In-Service Inspection Database Management System McGuire Inservice Inspection Listing

Interval 2 Outage 3

## Plant: McGuire 1

Run D Page 10 03/26/96

					intervar 2 Outag			
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATU	JS INSP LIMITED	GEO REF	RFR	COMMENTS
F01.050.046	1-MCA-CA-433	CA	03/02/95	CLR		N	N	
F01.050.047	1-MCR-CA-443	CA	12/20/95	CLR		N	N	
F01.050.048	1-MCR-CA-445	CA	12/29/95	CLR		N	N	
F01.050.049	1-MCR-CA-447	CA	12/20/95	CLR		N	N	
F01.050.050	1-MCR-CA-448	CA	12/20/95	CLR		N	N	
F01.050.051	1-MCA-CA-427	CA	03/06/95	CLR		N	N	
F01.050.052	1-MCA-CA-425	CA	03/14/95	CLR		N	N	
F01.050.053	1-MCA-CA-458	CA	03/02/95	CLR		N	N	
F01.050.075	1-MCA-CF-151	CF	03/14/95	CLR		N	N	
F01.050.076	1-MCA-CF-152	CF	03/02/95	CLR		N	N	
F01.050.077	1-MCA-CF-154	CF	03/02/95	CLR		N	N	
F01.050.078	1-MCA-CF-157	CF	03/09/95	CLR		N	N	
F01.050.079	1-MCR-CF-160	CF	12/20/95	CLR		N	N	
F01.050.080	1-MCR-CF-159	CF	12/20/95	CLR		N	N	
F01.050.081	1-MCR-CF-210	CF	12/22/95	REC	1	N	N	
F01.050.082	1-MCR-CF-302	CF	12/22/95	CLR		N	N	
F01.050.083	1-MCA-CF-208	CF	03/07/95	CLR		N	N	
F01.050.084	1-MCA-CF-206	CF	03/14/95	CLR		N	N	
F01.050.085	1-MCA-CF-204	CF	03/14/95	CLR		N	N	
F01.050.086	1-MCA-CF-203	CF	03/06/95	REC		N	N	
F01.050.087	1-MCA-CF-201	CF	03/21/95	REC		N	N	
F01.050.088	1-MCA-CF-171	CF	03/06/95	CLR		N	N	
F01.050.089	1-MCA-CF-173	CF	03/09/95	CLR		N	N	
F01.050.090	1-MCR-CF-175	CF	01/01/96	CLR		N	N	
F01.050.091	1-MCR-CF-189	CF	12/21/95	CLR		N	N	
F01.050.092	1-MCA-CF-187	CF	03/06/95	CLR		N	N	
F01.050.093	1-MCA-CF-185	CF	08/02/95	CLR		N	N	
F01.050.094	1-MCA-CF-303	CF	03/02/95	CLR		N	N	
F01.050.100	1-MCR-NC-564	NC	12/21/95	CLR		N	N	
F01.050.101	1-MCR-NC-562	NC	12/21/95	CLR		N	N	
F01.050.102	1-MCR-NC-503	NC	12/21/95	CLR		N	N	
F01.050.103	1-MCR-NC-504	NC	12/21/95	CLR		N	N	
F01.050.104	1-MCR-NC-561	NC	12/21/95	CLR		N	N	
F01.050.105	1-MCR-NC-551	NC	01/01/96	CLR		N	N	
F01.050.106	1-MCR-NC-553	NC	12/30/95	CLR		N	Ν	
F01.050.107	1-MCR-NC-569	NC	12/30/95	CLR		N	Ν	

### DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System

McGuire Inservice Inspection Listing Interval 2 Outage 3

## Plant: McGuire 1

Run D Page 11 03/26/96

P01.050.108         1-MCR-NC-568         NC         12/30/95         CLR          N         N           P01.050.109         1-MCR-NC-554         NC         01/07/96         CLR          N         N           P01.050.110         1-MCR-NC-557         NC         12/20/95         CLR          N         N           P01.050.111         1-MCR-NC-573         NC         12/20/95         CLR          N         N           P01.050.113         1-MCR-NC-573         NC         12/20/95         CLR          N         N           P01.050.114         1-MCR-NC-889         NC         12/20/95         CLR          N         N           P01.050.115         1-MCR-NC-888         NC         12/20/95         CLR          N         N           P01.050.116         1-MCR-NC-887         NC         12/20/95         CLR          N         N           P01.050.120         1-MCR-NC-791         NC         12/21/95         CLR          N         N           P01.050.121         1-MCR-NC-791         NC         01/03/96         REC          N         N						itervarz outa	900		
P01.050.109         1-MCR-NC-554         NC         01/07/96         CLR          N         N           001.050.110         1-MCR-NC-557         NC         12/30/95         CLR          N         N           001.050.111         1-MCR-NC-557         NC         12/20/95         CLR          N         N           001.050.112         1-MCR-NC-574         NC         12/20/95         CLR          N         N           001.050.113         1-MCR-NC-573         NC         12/20/95         CLR          N         N           001.050.116         1-MCR-NC-889         NC         12/20/95         CLR          N         N           001.050.116         1-MCR-NC-888         NC         12/20/95         CLR          N         N           001.050.117         1-MCR-NC-879         NC         12/20/95         CLR          N         N           001.050.121         1-MCR-NC-791         NC         12/21/95         CLR          N         N           01.050.122         1-MCR-NC-791         NC         01/03/96         CLR          N         N      <	ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITE	GEO REF	RFR	COMMENTS
P01050.110         1-MCR-NC-557         NC         12/30/95         CLR          N         N           001050.111         1-MCR-NC-559         NC         12/20/95         CLR          N         N           001050.112         1-MCR-NC-574         NC         12/20/95         CLR          N         N           001050.113         1-MCR-NC-891         NC         12/20/95         CLR          N         N           001050.115         1-MCR-NC-899         NC         12/20/95         CLR          N         N           001050.116         1-MCR-NC-888         NC         12/20/95         CLR          N         N           001050.119         1-MCR-NC-887         NC         12/20/95         CLR          N         N           001050.120         1-MCR-NC-790         NC         12/21/95         CLR          N         N           001050.121         1-MCR-NC-791         NC         01/03/96         REC          N         N           010050.122         1-MCR-NC-790         NC         01/03/96         CLR          N         N	01.050.108	1-MCR-NC-568	NC	12/30/95	CLR		N	N	
D1.050.111         1-MCR-NC-559         NC         12/21/95         CLR          N         N           D1.050.112         1-MCR-NC-574         NC         12/20/95         CLR          N         N           D1.050.113         1-MCR-NC-573         NC         12/20/95         CLR          N         N           D1.050.114         1-MCR-NC-889         NC         12/20/95         CLR          N         N           D1.050.116         1-MCR-NC-888         NC         12/20/95         CLR          N         N           D1.050.117         1-MCR-NC-886         NC         12/20/95         CLR          N         N           D1.050.119         1-MCR-NC-879         NC         12/21/95         CLR          N         N           D1.050.120         1-MCR-NC-791         NC         01/03/96         REC          N         N           D1.050.121         1-MCR-NC-792         NC         01/03/96         REC          N         N           D1.050.123         1-MCR-NC-789         NC         01/03/96         CLR          N         N	01.050.109	1-MCR-NC-554	NC	01/07/96	CLR		N	N	
P01.050.112       1-MCR-NC-574       NC       12/20/95       CLR        N       N         P01.050.113       1-MCR-NC-573       NC       12/20/95       REC        N       N         P01.050.114       1-MCR-NC-891       NC       12/20/95       CLR        N       N         P01.050.115       1-MCR-NC-888       NC       12/20/95       CLR        N       N         P01.050.117       1-MCR-NC-886       NC       12/20/95       CLR        N       N         P01.050.118       1-MCR-NC-887       NC       12/20/95       CLR        N       N         P01.050.119       1-MCR-NC-576       NC       12/21/95       CLR        N       N         P01.050.121       1-MCR-NC-576       NC       12/21/95       CLR        N       N         P01.050.121       1-MCR-NC-792       NC       01/03/96       REC        N       N         P01.050.123       1-MCR-NC-799       NC       01/03/96       CLR        N       N         P01.050.124       1-MCR-NC-768       NC       01/12/96       CLR	01.050.110	1-MCR-NC-557	NC	12/30/95	CLR		N	Ν	
Pail 1050.113         1-MCR-NC-573         NC         12/20/95         REC          N         N           001.050.114         1-MCR-NC-891         NC         12/20/95         CLR          N         N           001.050.115         1-MCR-NC-889         NC         12/20/95         CLR          N         N           001.050.116         1-MCR-NC-888         NC         12/20/95         CLR          N         N           001.050.117         1-MCR-NC-886         NC         12/20/95         CLR          N         N           001.050.119         1-MCR-NC-579         NC         12/21/95         CLR          N         N           001.050.120         1-MCR-NC-766         NC         11/03/96         REC          N         N           001.050.121         1-MCR-NC-792         NC         01/03/96         CLR          N         N           001.050.123         1-MCR-NC-789         NC         01/03/96         CLR          N         N           001.050.124         1-MCR-NC-767         NC         01/12/96         CLR          N         N	01.050.111	1-MCR-NC-559	NC	12/21/95	CLR	***	N	Ν	
P01.050.114       1-MCR-NC-891       NC       12/20/95       CLR        N       N         P01.050.115       1-MCR-NC-889       NC       12/20/95       CLR        N       N         P01.050.116       1-MCR-NC-888       NC       12/20/95       CLR        N       N         P01.050.117       1-MCR-NC-886       NC       12/20/95       CLR        N       N         P01.050.118       1-MCR-NC-887       NC       12/20/95       CLR        N       N         P01.050.120       1-MCR-NC-576       NC       12/21/95       CLR        N       N         P01.050.121       1-MCR-NC-791       NC       01/03/96       REC        N       N         P01.050.123       1-MCR-NC-799       NC       01/03/96       CLR        N       N         P01.050.124       1-MCR-NC-789       NC       01/03/96       CLR        N       N         P01.050.125       1-MCR-NC-767       NC       01/12/96       CLR        N       N         P01.050.126       1-MCR-NC-764       NC       01/12/96       CLR        N	01.050.112	1-MCR-NC-574	NC	12/20/95	CLR		Ν	Ν	
Philoson         Inder-NC-889         NC         12/20/95         CLR          N         N           P01.050.116         1-MCR-NC-888         NC         12/20/95         CLR          N         N           P01.050.117         1-MCR-NC-886         NC         12/20/95         CLR          N         N           P01.050.118         1-MCR-NC-887         NC         12/21/95         CLR          N         N           P01.050.120         1-MCR-NC-576         NC         12/21/95         CLR          N         N           P01.050.121         1-MCR-NC-791         NC         01/03/96         REC          N         N           P01.050.122         1-MCR-NC-792         NC         01/03/96         CLR          N         N           P01.050.125         1-MCR-NC-769         NC         01/03/96         CLR          N         N           P01.050.125         1-MCR-NC-767         NC         01/12/96         CLR          N         N           P01.050.128         1-MCR-NC-766         NC         01/12/96         CLR          N         N <tr< td=""><td>F01.050.113</td><td>1-MCR-NC-573</td><td>NC</td><td>12/20/95</td><td>REC</td><td></td><td>N</td><td>N</td><td></td></tr<>	F01.050.113	1-MCR-NC-573	NC	12/20/95	REC		N	N	
Point Description       1-MCR-NC-888       NC       12/20/95       CLR        N       N         Point DSD.118       1-MCR-NC-886       NC       12/20/95       CLR        N       N         Point DSD.118       1-MCR-NC-887       NC       12/20/95       CLR        N       N         Point DSD.119       1-MCR-NC-576       NC       12/21/95       CLR        N       N         Point DSD.120       1-MCR-NC-576       NC       12/21/95       CLR        N       N         Point DSD.121       1-MCR-NC-791       NC       01/03/96       REC        N       N         Point DSD.123       1-MCR-NC-790       NC       01/03/96       CLR        N       N         Point DSD.124       1-MCR-NC-789       NC       01/03/96       CLR        N       N         Point DSD.126       1-MCR-NC-761       NC       01/12/96       CLR        N       N         Point DSD.128       1-MCR-NC-763       NC       01/12/96       CLR        N       N         Point DSD.128       1-MCR-NC-765       NC       01/12/96       CLR	F01.050.114	1-MCR-NC-891	NC	12/20/95	CLR		N	N	
P01.050.117         1-MCR-NC-886         NC         12/20/95         CLR          N         N           P01.050.118         1-MCR-NC-887         NC         12/20/95         CLR          N         N           P01.050.119         1-MCR-NC-579         NC         12/21/95         CLR          N         N           P01.050.120         1-MCR-NC-576         NC         12/21/95         CLR          N         N           P01.050.121         1-MCR-NC-791         NC         01/03/96         REC          N         N           P01.050.122         1-MCR-NC-792         NC         01/03/96         CLR          N         N           P01.050.123         1-MCR-NC-799         NC         01/03/96         CLR          N         N           P01.050.125         1-MCR-NC-767         NC         01/12/96         CLR          N         N           P01.050.126         1-MCR-NC-761         NC         01/12/96         CLR          N         N           P01.050.128         1-MCR-NC-763         NC         01/12/96         CLR          N         N	01.050.115	1-MCR-NC-889	NC	12/20/95	CLR		N	N	
NC         12/20/95         CLR          N         N           001.050.119         1-MCR-NC-579         NC         12/21/95         CLR          N         N           001.050.120         1-MCR-NC-576         NC         12/21/95         CLR          N         N           001.050.120         1-MCR-NC-576         NC         12/21/95         CLR          N         N           001.050.121         1-MCR-NC-791         NC         01/03/96         REC          N         N           001.050.123         1-MCR-NC-790         NC         01/03/96         CLR          N         N           001.050.124         1-MCR-NC-789         NC         01/03/96         CLR          N         N           001.050.125         1-MCR-NC-767         NC         01/12/96         CLR          N         N           001.050.126         1-MCR-NC-761         NC         01/12/96         CLR          N         N           001.050.129         1-MCR-NC-763         NC         01/12/96         CLR          N         N           01.050.130         1-MCR-NC-763	01.050.116	1-MCR-NC-888	NC	12/20/95	CLR		N	Ν	
D1 050.119         1-MCR-NC-579         NC         12/21/95         CLR          N         N           01 050.120         1-MCR-NC-576         NC         12/21/95         CLR          N         N           01 050.121         1-MCR-NC-791         NC         01/03/96         REC          N         N           01 050.122         1-MCR-NC-792         NC         01/03/96         REC          N         N           01 050.123         1-MCR-NC-790         NC         01/03/96         CLR          N         N           01 050.124         1-MCR-NC-793         NC         01/03/96         CLR          N         N           01 050.125         1-MCR-NC-767         NC         01/12/96         CLR          N         N           01 050.126         1-MCR-NC-761         NC         01/12/96         CLR          N         N           01 050.129         1-MCR-NC-766         NC         01/12/96         CLR          N         N           01 050.130         1-MCR-NC-762         NC         01/03/96         CLR          N         N	01.050.117	1-MCR-NC-886	NC	12/20/95	CLR		N	N	
No.         NC         12/21/95         CLR          N         N           No.01.050.121         1-MCR-NC-791         NC         01/03/96         REC          N         N           No.01.050.122         1-MCR-NC-792         NC         01/03/96         REC          N         N           No.01.050.123         1-MCR-NC-790         NC         01/03/96         CLR          N         N           No.01.050.123         1-MCR-NC-789         NC         01/03/96         CLR          N         N           No.01.050.125         1-MCR-NC-767         NC         01/12/96         CLR          N         N           No.01.050.127         1-MCR-NC-767         NC         01/12/96         CLR          N         N           No.01.050.127         1-MCR-NC-766         NC         01/12/96         CLR          N         N           No.01.050.129         1-MCR-NC-765         NC         01/12/96         CLR          N         N           No.01.050.130         1-MCR-NC-762         NC         01/03/96         CLR          N         N           No.	01.050.118	1-MCR-NC-887	NC	12/20/95	CLR		N	N	
01.050.121       1-MCR-NC-791       NC       01/03/96       REC        N       N         01.050.122       1-MCR-NC-792       NC       01/03/96       REC        N       N         01.050.123       1-MCR-NC-790       NC       01/03/96       CLR        N       N         01.050.124       1-MCR-NC-789       NC       01/03/96       CLR        N       N         01.050.125       1-MCR-NC-793       NC       01/03/96       CLR        N       N         01.050.126       1-MCR-NC-767       NC       01/12/96       CLR        N       N         01.050.127       1-MCR-NC-761       NC       01/12/96       CLR        N       N         01.050.128       1-MCR-NC-766       NC       01/12/96       CLR        N       N         01.050.130       1-MCR-NC-763       NC       01/03/96       CLR        N       N         01.050.131       1-MCR-NC-763       NC       01/03/96       CLR        N       N         01.050.133       1-MCR-NC-764       NC       01/03/96       CLR        N	01.050.119	1-MCR-NC-579	NC	12/21/95	CLR		N	N	
NC         01/03/96         REC          N         N           01.050.123         1-MCR-NC-790         NC         01/03/96         CLR          N         N           01.050.124         1-MCR-NC-789         NC         01/03/96         CLR          N         N           01.050.125         1-MCR-NC-793         NC         01/03/96         CLR          N         N           01.050.126         1-MCR-NC-767         NC         01/12/96         CLR          N         N           01.050.127         1-MCR-NC-768         NC         01/12/96         CLR          N         N           01.050.128         1-MCR-NC-761         NC         01/12/96         CLR          N         N           01.050.129         1-MCR-NC-766         NC         01/12/96         CLR          N         N           01.050.130         1-MCR-NC-763         NC         01/03/96         CLR          N         N           01.050.131         1-MCR-NC-762         NC         01/03/96         CLR          N         N           01.050.133         1-MCR-NC-770	01.050.120	1-MCR-NC-576	NC	12/21/95	CLR		N	N	
NC         01/03/96         CLR          N         N           01.050.123         1-MCR-NC-789         NC         01/03/96         CLR          N         N           01.050.124         1-MCR-NC-789         NC         01/03/96         CLR          N         N           01.050.125         1-MCR-NC-767         NC         01/12/96         CLR          N         N           01.050.127         1-MCR-NC-768         NC         01/12/96         CLR          N         N           01.050.128         1-MCR-NC-766         NC         01/12/96         CLR          N         N           01.050.129         1-MCR-NC-765         NC         01/12/96         CLR          N         N           01.050.130         1-MCR-NC-763         NC         01/03/96         CLR          N         N           01.050.131         1-MCR-NC-762         NC         01/03/96         CLR          N         N           01.050.132         1-MCR-NC-764         NC         01/03/96         CLR          N         N           01.050.133         1-MCR-NC-679	01.050.121	1-MCR-NC-791	NC	01/03/96	REC		N	N	
F01.050.124       1-MCR-NC-789       NC       01/03/96       CLR        N       N         F01.050.125       1-MCR-NC-793       NC       01/03/96       CLR        N       N         F01.050.126       1-MCR-NC-767       NC       01/12/96       CLR        N       N         F01.050.127       1-MCR-NC-768       NC       01/12/96       CLR        N       N         F01.050.128       1-MCR-NC-761       NC       01/12/96       CLR        N       N         F01.050.129       1-MCR-NC-766       NC       01/12/96       CLR        N       N         F01.050.130       1-MCR-NC-765       NC       01/12/96       CLR        N       N         F01.050.131       1-MCR-NC-763       NC       01/03/96       CLR        N       N         F01.050.132       1-MCR-NC-763       NC       01/03/96       CLR        N       N         F01.050.133       1-MCR-NC-764       NC       01/03/96       CLR        N       N         F01.050.135       1-MCR-NC-769       NC       01/12/96       CLR	01.050.122	1-MCR-NC-792	NC	01/03/96	REC		N	N	
01.050.125       1-MCR-NC-793       NC       01/03/96       CLR        N       N         01.050.126       1-MCR-NC-767       NC       01/12/96       CLR        N       N         01.050.127       1-MCR-NC-768       NC       01/12/96       CLR        N       N         01.050.128       1-MCR-NC-761       NC       01/12/96       CLR        N       N         01.050.129       1-MCR-NC-766       NC       01/12/96       CLR        N       N         01.050.130       1-MCR-NC-765       NC       01/12/96       CLR        N       N         01.050.131       1-MCR-NC-763       NC       01/03/96       CLR        N       N         01.050.132       1-MCR-NC-762       NC       01/03/96       CLR        N       N         01.050.133       1-MCR-NC-764       NC       01/03/96       CLR        N       N         01.050.134       1-MCR-NC-769       NC       01/103/96       CLR        N       N         01.050.136       1-MCR-NC-679       NC       01/03/96       CLR        N	01.050.123	1-MCR-NC-790	NC	01/03/96	CLR		N	N	
D1 050.126         1-MCR-NC-767         NC         01/12/96         CLR          N         N           01 050.127         1-MCR-NC-768         NC         01/12/96         CLR          N         N           01 050.128         1-MCR-NC-761         NC         01/12/96         CLR          N         N           01 050.129         1-MCR-NC-766         NC         01/12/96         CLR          N         N           01 050.130         1-MCR-NC-765         NC         01/12/96         CLR          N         N           01 050.131         1-MCR-NC-763         NC         01/03/96         CLR          N         N           01 050.132         1-MCR-NC-762         NC         01/03/96         CLR          N         N           01 050.133         1-MCR-NC-764         NC         01/03/96         CLR          N         N           01 050.135         1-MCR-NC-769         NC         01/12/96         CLR          N         N           01 050.136         1-MCR-NC-679         NC         01/03/96         CLR          N         N	01.050.124	1-MCR-NC-789	NC	01/03/96	CLR		N	N	
NC         01/12/96         CLR          N         N           01.050.128         1-MCR-NC-761         NC         01/12/96         CLR          N         N           01.050.129         1-MCR-NC-766         NC         01/12/96         CLR          N         N           01.050.129         1-MCR-NC-765         NC         01/12/96         CLR          N         N           01.050.130         1-MCR-NC-765         NC         01/03/96         CLR          N         N           01.050.131         1-MCR-NC-763         NC         01/03/96         CLR          N         N           01.050.132         1-MCR-NC-762         NC         01/03/96         CLR          N         N           01.050.133         1-MCR-NC-764         NC         01/03/96         CLR          N         N           01.050.134         1-MCR-NC-769         NC         01/12/96         CLR          N         N           01.050.136         1-MCR-NC-679         NC         01/03/96         CLR          N         N           01.050.137         1-MCR-NC-678	01.050.125	1-MCR-NC-793	NC	01/03/96	CLR		N	Ν	
01.050.128         1-MCR-NC-761         NC         01/12/96         CLR          N         N           01.050.129         1-MCR-NC-766         NC         01/12/96         CLR          N         N           01.050.130         1-MCR-NC-765         NC         01/12/96         CLR          N         N           01.050.131         1-MCR-NC-763         NC         01/03/96         CLR          N         N           01.050.132         1-MCR-NC-762         NC         01/03/96         CLR          N         N           01.050.132         1-MCR-NC-764         NC         01/03/96         CLR          N         N           01.050.133         1-MCR-NC-764         NC         01/03/96         CLR          N         N           01.050.134         1-MCR-NC-769         NC         01/12/96         CLR          N         N           01.050.136         1-MCR-NC-770         NC         01/03/96         CLR          N         N           01.050.137         1-MCR-NC-678         NC         01/03/96         CLR          N         N	01.050.126	1-MCR-NC-767	NC	01/12/96	CLR		N	N	
D1.050.129         1-MCR-NC-766         NC         01/12/96         CLR          N         N           D1.050.130         1-MCR-NC-765         NC         01/12/96         CLR          N         N           D1.050.131         1-MCR-NC-763         NC         01/03/96         CLR          N         N           D1.050.132         1-MCR-NC-762         NC         01/03/96         CLR          N         N           D1.050.132         1-MCR-NC-762         NC         01/03/96         CLR          N         N           D1.050.133         1-MCR-NC-764         NC         01/03/96         CLR          N         N           D1.050.134         1-MCR-NC-769         NC         01/12/96         CLR          N         N           D1.050.135         1-MCR-NC-769         NC         01/12/96         CLR          N         N           D1.050.136         1-MCR-NC-679         NC         01/03/96         CLR          N         N           D1.050.137         1-MCR-NC-685         NC         01/03/96         CLR          N         N	01.050.127	1-MCR-NC-768	NC	01/12/96	CLR		N	Ν	
01.050.130       1-MCR-NC-765       NC       01/12/96       CLR        N       N         01.050.131       1-MCR-NC-763       NC       01/03/96       CLR        N       N         01.050.132       1-MCR-NC-762       NC       01/03/96       CLR        N       N         01.050.132       1-MCR-NC-762       NC       01/03/96       CLR        N       N         01.050.133       1-MCR-NC-764       NC       01/03/96       CLR        N       N         01.050.134       1-MCR-NC-764       NC       01/03/96       CLR        N       N         01.050.135       1-MCR-NC-769       NC       01/12/96       CLR        N       N         01.050.136       1-MCR-NC-770       NC       01/12/96       CLR        N       N         01.050.137       1-MCR-NC-679       NC       01/03/96       CLR        N       N         01.050.139       1-MCR-NC-685       NC       01/03/96       CLR        N       N         01.050.140       1-MCR-NC-686       NC       01/17/96       CLR        N	1.050.128	1-MCR-NC-761	NC	01/12/96	CLR		N	N	
D1.050.131       1-MCR-NC-763       NC       01/03/96       CLR        N       N         D1.050.132       1-MCR-NC-762       NC       01/03/96       CLR        N       N         D1.050.133       1-MCR-NC-762       NC       01/03/96       CLR        N       N         D1.050.133       1-MCR-NC-773       NC       01/03/96       CLR        N       N         D1.050.134       1-MCR-NC-764       NC       01/03/96       CLR        N       N         D1.050.135       1-MCR-NC-769       NC       01/12/96       CLR        N       N         D1.050.136       1-MCR-NC-770       NC       01/12/96       CLR        N       N         D1.050.137       1-MCR-NC-679       NC       01/03/96       CLR        N       N         D1.050.138       1-MCR-NC-678       NC       01/03/96       CLR        N       N         D1.050.139       1-MCR-NC-685       NC       01/17/96       CLR        N       N         D1.050.140       1-MCR-NC-686       NC       01/17/96       CLR        N	01.050.129	1-MCR-NC-766	NC	01/12/96	CLR		Ν	Ν	
01.050.132         1-MCR-NC-762         NC         01/03/96         CLR          N         N           01.050.133         1-MCR-NC-773         NC         01/03/96         CLR          N         N           01.050.134         1-MCR-NC-764         NC         01/03/96         CLR          N         N           01.050.135         1-MCR-NC-769         NC         01/12/96         CLR          N         N           01.050.136         1-MCR-NC-769         NC         01/12/96         CLR          N         N           01.050.136         1-MCR-NC-770         NC         01/03/96         CLR          N         N           01.050.137         1-MCR-NC-679         NC         01/03/96         CLR          N         N           01.050.138         1-MCR-NC-678         NC         01/03/96         CLR          N         N           01.050.139         1-MCR-NC-685         NC         01/17/96         CLR          N         N           01.050.140         1-MCR-NC-686         NC         01/03/96         REC          N         N	01.050.130	1-MCR-NC-765	NC	01/12/96	CLR		N	N	
01.050.133       1-MCR-NC-773       NC       01/03/96       CLR        N       N         01.050.134       1-MCR-NC-764       NC       01/03/96       CLR        N       N         01.050.135       1-MCR-NC-769       NC       01/12/96       CLR        N       N         01.050.136       1-MCR-NC-769       NC       01/12/96       CLR        N       N         01.050.136       1-MCR-NC-770       NC       01/03/96       CLR        N       N         01.050.137       1-MCR-NC-679       NC       01/03/96       CLR        N       N         01.050.138       1-MCR-NC-678       NC       01/03/96       CLR        N       N         01.050.139       1-MCR-NC-685       NC       01/17/96       CLR        N       N         01.050.140       1-MCR-NC-686       NC       01/03/96       REC        N       N         01.050.141       1-MCR-NC-688       NC       01/03/96       REC        N       N         01.050.142       1-MCR-NC-688       NC       01/03/96       CLR        N	01.050.131	1-MCR-NC-763	NC	01/03/96	CLR		N	N	
N1.050.134       1-MCR-NC-764       NC       01/03/96       CLR        N       N         01.050.135       1-MCR-NC-769       NC       01/12/96       CLR        N       N         01.050.136       1-MCR-NC-770       NC       01/12/96       CLR        N       N         01.050.136       1-MCR-NC-679       NC       01/03/96       CLR        N       N         01.050.137       1-MCR-NC-679       NC       01/03/96       CLR        N       N         01.050.138       1-MCR-NC-678       NC       01/03/96       CLR        N       N         01.050.139       1-MCR-NC-685       NC       01/17/96       CLR        N       N         01.050.140       1-MCR-NC-686       NC       01/17/96       CLR        N       N         01.050.141       1-MCR-NC-687       NC       01/03/96       REC        N       N         01.050.142       1-MCR-NC-688       NC       01/03/96       CLR        N       N	1.050.132	1-MCR-NC-762	NC	01/03/96	CLR		N	N	
1.050.135       1-MCR-NC-769       NC       01/12/96       CLR        N       N         1.050.136       1-MCR-NC-770       NC       01/12/96       CLR        N       N         1.050.137       1-MCR-NC-679       NC       01/03/96       CLR        N       N         1.050.138       1-MCR-NC-678       NC       01/03/96       CLR        N       N         1.050.139       1-MCR-NC-685       NC       01/17/96       CLR        N       N         1.050.140       1-MCR-NC-686       NC       01/17/96       CLR        N       N         1.050.141       1-MCR-NC-687       NC       01/03/96       REC        N       N         1.050.142       1-MCR-NC-688       NC       01/03/96       REC        N       N	1.050.133	1-MCR-NC-773	NC	01/03/96	CLR		N	Ν	
01.050.136         1-MCR-NC-770         NC         01/12/96         CLR          N         N           01.050.137         1-MCR-NC-679         NC         01/03/96         CLR          N         N           01.050.137         1-MCR-NC-679         NC         01/03/96         CLR          N         N           01.050.138         1-MCR-NC-678         NC         01/03/96         CLR          N         N           01.050.139         1-MCR-NC-685         NC         01/17/96         CLR          N         N           01.050.140         1-MCR-NC-686         NC         01/17/96         CLR          N         N           01.050.141         1-MCR-NC-687         NC         01/03/96         REC          N         N           01.050.142         1-MCR-NC-688         NC         01/03/96         CLR          N         N	01.050.134	1-MCR-NC-764	NC	01/03/96	CLR		N	N	
01.050.136         1-MCR-NC-770         NC         01/12/96         CLR          N         N           01.050.137         1-MCR-NC-679         NC         01/03/96         CLR          N         N           01.050.137         1-MCR-NC-679         NC         01/03/96         CLR          N         N           01.050.138         1-MCR-NC-678         NC         01/03/96         CLR          N         N           01.050.139         1-MCR-NC-685         NC         01/17/96         CLR          N         N           01.050.140         1-MCR-NC-686         NC         01/17/96         CLR          N         N           01.050.141         1-MCR-NC-687         NC         01/03/96         REC          N         N           01.050.142         1-MCR-NC-688         NC         01/03/96         CLR          N         N	01.050.135	1-MCR-NC-769	NC	01/12/96	CLR		N	N	
D1.050.138         1-MCR-NC-678         NC         01/03/96         CLR          N         N           D1.050.139         1-MCR-NC-685         NC         01/17/96         CLR          N         N           D1.050.140         1-MCR-NC-686         NC         01/17/96         CLR          N         N           D1.050.140         1-MCR-NC-686         NC         01/03/96         REC          N         N           D1.050.141         1-MCR-NC-687         NC         01/03/96         REC          N         N           D1.050.142         1-MCR-NC-688         NC         01/03/96         CLR          N         N		1-MCR-NC-770	NC	01/12/96	CLR		N	N	
NC         01/03/96         CLR          N         N           1.050.138         1-MCR-NC-678         NC         01/03/96         CLR          N         N           01.050.139         1-MCR-NC-685         NC         01/17/96         CLR          N         N           01.050.140         1-MCR-NC-686         NC         01/17/96         CLR          N         N           01.050.141         1-MCR-NC-687         NC         01/03/96         REC          N         N           01.050.142         1-MCR-NC-688         NC         01/03/96         REC          N         N		1-MCR-NC-679	NC	01/03/96	CLR		N	N	
01.050.140         1-MCR-NC-686         NC         01/17/96         CLR          N         N           01.050.141         1-MCR-NC-687         NC         01/03/96         REC          N         N           01.050.142         1-MCR-NC-688         NC         01/03/96         CLR          N         N	01.050.138		NC	01/03/96	CLR		N	N	
01.050.140         1-MCR-NC-686         NC         01/17/96         CLR          N         N           01.050.141         1-MCR-NC-687         NC         01/03/96         REC          N         N           01.050.142         1-MCR-NC-688         NC         01/03/96         CLR          N         N	01.050.139	1-MCR-NC-685	NC	01/17/96	CLR		N	N	
01.050.142 1-MCR-NC-688 NC 01/03/96 CLR N N		1-MCR-NC-686	NC	01/17/96	CLR		N	N	
	01.050.141		NC	01/03/96	REC	***	N	N	
	01.050.142	1-MCR-NC-688	NC	01/03/96	CLR		N	N	
-01.050.143 1-MCR-NC-689 NC 01/03/96 CLR N N	01.050.143	1-MCR-NC-689	NC	01/03/96	CLR		Ν	N	

In-Service Inspection Database Management System

McGuire Inservice Inspection Listing

## Plant: McGuire 1

Run D Page 12 03/26/96

Plant: McGuire	1				iterval 2 Outag			
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE		INSP LIMITED		RFR	COMMENTS
F01.050.144	1-MCR-NC-750	NC	01/03/96	CLR		N	N	
F01.050.145	1-MCR-NC-571	NC	01/01/96	CLR		N	N	
F01.050.146	1-MCR-NC-570	NC	01/01/96	CLR		N	N	
F01.050.147	1-MCR-NC-542	NC	01/02/96	CLR		N	N	
F01.050.148	1-MCR-NC-566	NC	01/03/96	CLR		N	N	
F01.050.149	1-MCR-NC-567	NC	01/03/96	CLR		N	N	
F01.050.150	1-MCR-NC-546	NC	12/21/95	CLR		N	N	
F01.050.151	1-MCR-NC-565	NC	12/21/95	CLR		N	N	
F01.050.152	1-MCR-NC-549	NC	12/21/95	CLR	· · · · · · · · · · · · · · · · · · ·	N	N	
F01.050.153	1-MCR-NC-502	NC	12/21/95	CLR		N	Ν	
F01.050.154	1-MCR-NC-801	NC	12/22/95	CLR		N	Ν	
F01.050.155	1-MCR-NC-903	NC	12/20/95	REC		N	N	
F01.050.156	1-MCR-NC-902	NC	12/20/95	CLR		N	Ν	
F01.050.157	1-MCR-NC-900	NC	12/20/95	CLR		N	N	
F01.050.158	1-MCR-NC-803	NC	12/21/95	CLR		N	Ν	
F01.050.159	1-MCR-NC-813	NC	12/22/95	CLR		N	Ν	
F01.050.175	1-MCR-ND-507	ND	12/22/95	CLR		N	Ν	
F01.050.176	1-MCR-ND-503	ND	12/21/95	CLR		N	Ν	
F01.050.177	1-MCR-ND-511	ND	12/22/95	CLR		N	Ν	
F01.050.178	1-MCA-ND-301	ND	03/28/95	REC		Ν	N	
F01.050.179	1-MCA-ND-277	ND	03/02/95	CLR		N	Ν	
F01.050.180	1-MCA-ND-275	ND	03/02/95	REC		N	Ν	
F01.050.181	1-MCA-ND-286	ND	03/15/95	CLR		N	Ν	
F01.050.182	1-MCA-ND-35	ND	03/21/95	CLR		N	N	
F01.050.183	1-MCA-ND-290	ND	04/11/95	CLR		N	N	
F01.050.184	1-MCA-ND-297	ND	04/11/95	CLR		N	Ν	
F01.050.185	1-MCA-ND-282	ND	04/11/95	CLR		N	Ν	
F01.050.186	1-MCA-ND-260	ND	03/28/95	CLR		N	Ν	
F01.050.187	1-MCA-ND-258	ND	04/11/95	CLR		N	N	
F01.050.188	1-MCA-ND-273	ND	03/02/95	CLR		N	N	
F01.050.189	1-MCA-ND-287	ND	03/15/95	CLR		N	Ν	
F01.050.190	1-MCA-ND-296	ND	04/11/95	CLR		N	Ν	
F01.050.191	1-MCA-ND-295	ND	04/11/95	CLR		N	Ν	
F01.050.192	1-MCA-ND-331	ND	02/28/95	REC		N	N	
F01.050.193	1-MCA-ND-298	ND	04/11/95	CLR		Ν	Ν	
F01.050.194	1-MCA-ND-270	ND	02/28/95	CLR		N	N	

# In-Service Inspection Database Management System McGuire Inservice Inspection Listing

## Plant: McGuire 1

Run D Page 13 03/26/96

Plant: McGuire	1		Interval 2 Outage 3										
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE		INSP LIMITED		RFR	COMMENTS					
F01.050.195	1-MCA-ND-271	ND	03/01/95	CLR		N	N	COMMENTO					
F01.050.196	1-MCA-ND-289	ND	03/21/95	CLR		N	N						
F01.050.197	1-MCA-ND-281	ND	04/11/95	CLR		N	N						
F01.050.198	1-MCA-ND-272	ND	03/02/95	CLR		N	N						
F01.050.199	1-MCA-ND-304	ND	04/11/95	CLR		N	N						
F01.050.200	1-MCA-ND-256	ND	03/28/95	CLR		N	N						
F01.050.201	1-MCA-ND-253	ND	03/28/95	CLR		N	N						
F01.050.202	1-MCA-ND-252	ND	03/28/95	CLR		N	N						
F01.050.203	1-MCA-ND-257	ND	03/28/95	CLR		N	N						
F01.050.204	1-MCA-ND-255	ND	03/28/95	CLR		N	N						
F01.050.205	1-MCA-ND-254	ND	03/28/95	CLR		N	N						
F01.050.206	1-MCA-ND-251	ND	03/28/95	CLR		N	N						
F01.050.207	1-MCA-ND-250	ND	03/28/95	CLR		N	N						
F01.050.208	1-MCA-ND-246	ND	03/28/95	CLR		N	N						
F01.050.209	1-MCA-ND-110	ND	03/28/95	CLR		N	N						
F01.050.210	1-MCA-ND-247	ND	03/28/95	CLR		N	N						
F01.050.211	1-MCA-ND-249	ND	04/04/95	CLR		N	N						
F01.050.212	1-MCA-ND-248	ND	04/04/95	CLR		N	N						
F01.050.213	1-MCA-ND-H327	ND	04/11/95	CLR		N	N						
F01.050.214	1-MCA-ND-H326	ND	04/11/95	CLR	***	N	N						
F01.050.215	1-MCA-ND-H325	ND	03/02/95	CLR		N	N						
F01.050.216	1-MCA-ND-H324	ND	03/02/95	CLR		N	N						
F01.050.225	1-MCR-NI-653	NI	12/22/95	CLR		N	N						
F01.050.226	1-MCR-NI-941	NI	12/22/95	CLR		N	N						
F01.050.227	1-MCR-NI-664	NI	12/28/95	CLR	***	N	N						
F01.050.228	1-MCR-NI-661	NI	12/22/95	CLR		N	Ν						
F01.050.229	1-MCR-NI-660	NI	12/22/95	CLR		N	N						
F01.050.230	1-MCR-NI-947	NI	12/21/95	CLR		N	N						
F01.050.231	1-MCR-NI-658	NI	12/22/95	CLR		N	Ν						
F01.050.232	1-MCR-NI-537	NI	12/21/95	CLR		N	Ν						
F01.050.233	1-MCR-NI-531	NI	12/21/95	REC		N	N						
F01.050.234	1-MCR-NI-538	NI	12/21/95	CLR		N	Ν						
F01.050.235	1-MCR-NI-528	NI	12/21/95	CLR		Ν	Ν						
F01.050.236	1-MCR-NI-613	NI	12/30/95	CLR		N	Ν						
F01.050.237	1-MCR-NI-612	NI	01/01/96	CLR		N	Ν						
F01.050.238	1-MCR-NI-515		01/09/96	CLR		N	Ν						

#### DUKE POWER COMPANY QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System

## McGuire Inservice Inspection Listing Interval 2 Outage 3

Plant: McGuire 1

Run D Page 14 03/26/96

				11	nervarz Oulag	63		
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
F01.050.239	1-MCR-NI-513	NI	01/06/96	REC		N	N	
F01.050.240	1-MCR-NI-510	NI	12/28/95	CLR		N	N	
F01.050.241	1-MCR-NI-615	NI	12/30/95	CLR		N	N	
F01.050.242	1-MCR-NI-617	NI	12/30/95	CLR		Ν	N	
F01.050.243	1-MCR-NI-733	NI	01/01/96	CLR		N	N	
F01.050.244	1-MCR-NI-744	NI	12/20/95	CLR		N	N	
F01.050.245	1-MCR-NI-858	NI	01/01/96	CLR		N	N	
F01.050.246	1-MCR-NI-588	NI	12/22/95	CLR		N	N	
F01.050.247	1-MCR-NI-584	NI	12/28/95	CLR		N	N	
F01.050.248	1-MCR-NI-586	NI	12/20/95	CLR		N	N	
F01.050.249	1-MCR-NI-570	NI	12/20/95	CLR		N	N	
F01.050.250	1-MCR-NI-569	NI	12/20/95	CLR		N	N	
F01.050.251	1-MCR-NI-585	NI	12/20/95	CLR		N	N	
F01.050.252	1-MCR-NI-580	NI	12/20/95	CLR		N	N	
F01.050.253	1-MCR-NI-587	NI	12/22/95	REC		N	N	
F01.050.254	1-MCR-NI-589	NI	12/22/95	CLR		N	N	
F01.050.255	1-MCR-NI-548	NI	12/22/95	CLR		Ν	N	
F01.050.256	1-MCR-NI-549	NI	12/22/95	CLR		N	N	
F01.050.257	1-MCR-NI-526	NI	12/28/95	CLR		N	N	
F01.050.258	1-MCR-NI-541	NI	12/28/95	CLR		N	N	
F01.050.259	1-MCR-NI-552	NI	12/28/95	REC		N	N	
F01.050.260	1-MCR-NI-556	NI	12/29/95	CLR		N	N	
F01.050.261	1-MCR-NI-786	NI	12/28/95	CLR		N	N	
F01.050.262	1-MCR-NI-717	NI	12/29/95	CLR		N	N	
F01.050.263	1-MCR-NI-676	NI	12/28/95	CLR		N	N	
F01.050.264	1-MCR-NI-697	NI	01/09/96	REC		Ν	N	
F01.050.265	1-MCR-NI-719		12/28/95	CLR		N	N	
F01.050.266	1-MCR-NI-721		12/28/95	CLR		N	N	
F01.050.267	1-MCR-NI-895	NI	12/29/95	CLR		Ν	N	
F01.050.268	1-MCR-NI-852	NI	12/29/95	CLR		N	N	
F01.050.269	1-MCA-NI-012	NI	03/29/95	REC		N	N	
F01.050.270	1-MCA-NI-010	NI	04/11/95	CLR		N	N	
F01.050.271	1-MCA-NI-009	NI	04/11/95	CLR		N	N	
F01.050.272	1-MCA-NI-249	NI	04/11/95	CLR		N	N	
F01.050.273	1-MCA-NI-083	NI	02/06/95	CLR		N	Ν	
F01.050.274	1-MCA-NI-253	NI	04/11/95	CLR		Ν	N	

.

## DUKE POWER COMPANY

QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System McGuire Inservice Inspection Listing

Interval 2 Outage 3

Plant: McGuire 1

Run D Page 15 03/26/96

					itervar z Outage			
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
F01.050.275	1-MCA-NI-255	NI	02/28/95	CLR		N	N	
F01.050.276	1-MCA-NI-355	NI	03/29/95	CLR		N	N	
F01.050.277	1-MCA-NI-357	NI	03/29/95	CLR		N	N	
F01.050.278	1-MCA-NI-377	NV	03/02/95	REC		N	N	
F01.050.300	1-MCA-NS-106	NS	03/01/95	REC	***	N	N	
F01.050.301	1-MCA-NS-102	NS	04/11/95	CLR		N	N	
F01.050.302	1-MCA-NS-101	NS	03/15/95	CLR		N	N	
F01.050.303	1-MCA-NS-085	NS	03/28/95	CLR	***	N	N	
F01.050.304	1-MCA-NS-098		04/11/95	CLR		N	Ν	
F01.050.305	1-MCA-NS-088		04/11/95	CLR		N	N	
F01.050.307	1-MCA-NS-091	NS	04/11/95	CLR		N	N	
F01.050.310	1-MCA-NS-105	NS	03/01/95	CLR	***	N	N	
F01.050.325	1-MCA-NV-5609	NV	04/11/95	CLR		N	N	
F01.050.326	1-MCA-NV-464	NV	03/02/95	CLR	***	N	Ν	
F01.050.327	1-MCA-NV-5608	NV	04/11/95	CLR	***	N	N	
F01.050.328	1-MCA-NV-5621	NV	02/28/95	CLR		N	N	
F01.050.329	1-MCA-NV-5622	NV	02/28/95	REC		N	N	
F01.050.330	1-MCA-NV-5619	NV	04/12/95	CLR		N	N	
F01.050.331	MC 1683-NV-11-R20	NV	04/11/95	CLR		N	N	
F01.050.332	1-MCR-NV-581	NV	12/19/95	CLR		N	N	
F01.050.333	1-MCR-NV-1263	NV	12/28/95	CLR		N	N	
F01.050.335	1-MCA-NV-5625	NV	02/28/95	CLR		N	N	
F01.050.336	1-MCA-NV-498	NV	03/02/95	CLR		N	N	
F01.050.337	1-MCA-NV-435	NV	03/09/95	CLR		N	N	
F01.050.338	1-MCA-NV-467	NV	03/02/95	CLR	***	N	N	
F01.050.339	1-MCR-NV-548	NV	12/19/95	REC		N	N	
F01.050.340	1-MCR-NV-545	NV	12/19/95	CLR		N	N	
F01.050.341	1-MCA-NV-433	NV	03/09/95	CLR		N	N	
F01.050.342	MC 1683-NV-04-R33	NV	03/29/95	CLR		N	N	
F01.050.343	MC 1683-NV-04-R28	NV	03/21/95	CLR	***	N	N	
F01.050.344	1-MCR-NV-852	NV	12/30/95	CLR		N	N	
F01.050.345	1-MCR-NV-851	NV	12/21/95	CLR		N	N	
F01.050.347	1-MCR-NV-855	NV	12/21/95	CLR		N	Ν	
F01.050.348	1-MCR-NV-1291	NV	12/20/95	CLR		N	Ν	
F01.050.349	1-MCR-NV-1293	NV	12/20/95	CLR		N	N	
F01.050.350	1-MCR-NV-819	NV	12/22/95	CLR		Ν	Ν	

## DUKE POWER COMPANY

QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System

McGuire Inservice Inspection Listing Interval 2 Outage 3

## Plant: McGuire 1

Run D Page 16 03/26/96

ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
01.050.351	1-MCR-NV-1064	NV	12/21/95	CLR		Ν	N	
01.050.352	1-MCR-NV-1062	NV	12/21/95	CLR		N	N	
01.050.353	1-MCR-NV-1067	NV	12/21/95	CLR		N	N	
01.050.354	1-MCR-NV-1011	NV	12/21/95	CLR		N	Ν	
01.050.355	1-MCR-NV-1054	NV	12/20/95	CLR		N	Ν	
01.050.356	1-MCR-NV-1238	NV	12/22/95	CLR		N	Ν	
01.050.357	1-MCR-NV-1237	NV	12/22/95	CLR		N	Ν	
01.050.358	1-MCR-NV-1235	NV	12/19/05	CLR		N	N	
01.050.359	1-MCR-NV-1234	NV	12/28/95	CLR		N	Ν	
01.050.360	1-MCA-NV-471	NV	03/02/95	CLR		Ν	N	
01.050.361	1-MCA-NV-5624	NV	04/11/95	CLR		N	N	
01.050.362	MC 1683-NV-01-R8A	NV	03/20/95	CLR		N	N	
01.050.363	MC 1683-NV-50-R2	NV	01/05/96	CLR		N	Ν	
01.050.364	MC 1683-NV-53-R9	NV	08/15/95	CLR		N	Ν	
01.050.365	MC 1683-NV-04-R15	NV	03/29/95	CLR		N	N	
01.050.366	MC 1683-NV-04-R22	NV	02/28/95	CLR		N	N	
01.050.367	MC 1683-NV-06-R9A	NV	03/21/95	CLR		N	N	
01.050.368	MC1683-NV-06-R12A	NV	03/21/95	CLR		N	Ν	
01.050.400	1-MCA-RN-959	RN	03/06/95	REC		N	Ν	
01.050.401	1-MCA-RN-974	RN	03/29/95	REC		N	N	
01.050.425	1-MCA-SA-27	SA	03/29/95	CLR		N	N	
01.050.426	1-MCA-SA-23	SA	03/06/95	REC		N	N	
01.050.427	1-MCA-SA-22	SA	03/02/95	CLR		N	Ν	
01.050.450	1-MCR-SM-89	SM	12/20/95	CLR		N	N	
01.050.451	1-MCR-SM-91	SM	12/20/95	CLR		N	N	
01.050.452	1-MCR-SM-90	SM	12/20/95	CLR		N	N	
01.050.453	1-MCR-SM-93	SM	12/20/95	CLR		N	Ν	
01.050.454	1-MCR-SM-94	SM	12/20/95	CLR		N	N	
01.050.455	-MCR-SM-97	SM	12/20/95	CLR		N	N	
01.050.456	1-MCA-SM-175	SM	03/09/95	CLR		N	Ν	
01.050.457	1-MCA-SM-100	SM	03/21/95	REC		N	Ν	
01.050.458	1-MCA-SM-101	SM	03/14/95	CLR		N	Ν	
01.050.459	1-MCA-SM-102	SM	03/06/95	CLR		N	N	
01.050.460	1-MCA-SM-103	SM	03/14/95	CLR		N	Ν	
01.050.461	1-MCA-SM-104	SM	03/02/95	CLR		iN	N	
01.050.462	1-MCA-SM-108	SM	03/14/95	REC		N	N	

## In-Service Inspection Database Management System McGuire Inservice Inspection Listing

## Plant: McGuire 1

Run D Page 17 03/26/96

Plant: McGuire	1		Interval 2 Outage 3										
ITEM NUMBER	ID NUMBER	SVSTEM	INSP DATE		INSP LIMITED		RFR	COMMENTS					
F01.050.463	1-MCR-SM-1	SIGIEM	12/21/95	CLR		N	N	COMMENTO					
F01.050.464	1-MCR-SM-3	SM	12/21/95	CLR		N	N						
F01.050.465	1-MCR-SM-2	SM	12/21/95	CLR		N	N						
F01.050.466	1-MCR-SM-5	SM	12/21/95	CLR		N	N						
F01.050.467	1-MCR-SM-6	SM	12/21/95	CLR		N	N						
F01.050.468	1-MCR-SM-9	SM	12/21/95	CLR		N	N						
F01.050.469	1-MCA-SM-12	SM	03/09/95	REC		N	N						
F01.050.470	1-MCA-SM-11	SM	03/14/95	CLR		N	N						
F01.050.471	1-MCA-SM-16	SM	03/14/95	CLR	1	N	N						
F01.050.472	1-MCA-SM-17	SM	03/08/95	CLR		N	N						
F01.050.473	1-MCA-SM-18	SM	03/06/95	CLR		N	N						
F01.050.474	1-MCA-SM-19	SM	03/14/95	CLR		N	N						
F01.050.475	1-MCA-SM-20	SM	03/14/95	CLR		N	N						
F01.050.476	1-MCA-SM-24	SM	03/14/95	CLR		N	N						
F01.050.477	1-MCA-SM-69	SM	03/07/95	CLR		N	N						
F01.050.478	1-MCA-SM-73	SM	03/14/95	CLR		N	N						
F01.050.479	1-MCA-SM-75	SM	03/09/95	REC		N	N						
F01.050.480	1-MCA-SM-74	SM	03/02/95	CLR		N	N						
F01.050.481	1-MCA-SM-76	SM	03/21/95	CLR		N	N						
F01.050.482	1-MCA-SM-77	SM	03/07/95	CLR		N	N						
F01.050.483	1-MCA-SM-174	SM	03/06/95	CLR	· · · · · · · · · · · · · · · · · · ·	N	N						
F01.050.484	1-MCR-SM-154	SM	12/21/95	CLR		N	N						
F01.050.485	1-MCR-SM-159	SM	12/21/95	CLR		N	N						
F01.050.486	1-MCR-SM-158	SM	01/10/96	CLR		N	N						
F01.050.487	1-MCR-SM-161	SM	12/21/95	CLR		N	N						
F01.050.488	1-MCR-SM-162	SM	12/21/95	CLR		N	N						
F01.050.489	1-MCR-SM-163	SM	12/21/95	CLR		N	N						
F01.050.490	1-MCR-SM-86	SM	12/22/95	CLR		N	N						
F01.050.491	1-MCR-SM-88	SM	12/22/95	CLR		N	Ν						
F01.050.492	1-MCR-SM-87	SM	12/22/95	CLR		N	N						
F01.050.493	1-MCR-SM-83	SM	12/22/95	CLR		N	N						
F01.050.494	1-MCR-SM-84	SM	12/22/95	CLR		N	N						
F01.050.495	1-MCR-SM-79	SM	12/22/95	CLR		Ν	Ν						
F01.050.496	1-MCA-SM-153	SM	03/09/95	REC		N	N						
F01.050.497	1-MCA-SM-152	SM	03/02/95	CLR		Ν	N						
F01.050.498	1-MCA-SM-149	SM	03/14/95	CLR		N	Ν						

In-Service Inspection Database Management System McGuire Inservice Inspection Listing

Interval 2 Outage 3

## Plant: McGuire 1

Run D Page 18 03/26/96

					terrar cours			
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	(
F01.050.499	1-MCA-SM-164	SM	03/2 /95	CLR		N	N	
F01.050.500	1-MCA-SM-146	SM	03/14/95	CLR		N	Ν	
F01.050.501	1-MCA-SM-141	SM	03/07/95	REC		N	Ν	
F01.050.525	1-MCA-SV-11	SV	03/14/95	CLR		N	N	
F01.050.526	1-MCA-SV-6	SV	03/02/95	CLR		N	N	
F01.050.527	1-MCA-SV-1	SV	03/02/95	CLR		N	N	
F01.050.528	1-MCA-SV-17	SV	03/14/95	CLR		N	N	
F01.050.535	1-MCR-SGA-001		12/21/95	REC		N	N	
F01.050.536	1-MCR-SGA-008		12/21/95	REC		N	N	
F01.050.537	1-MCR-SGB-002		12/21/95	REC		N	N	
F01.050.538	1-MCR-SGB-005		12/21/95	REC		N	N	
F01.050.539	1-MCR-SGC-003		12/21/95	REC		N	N	
F01.050.540	1-MCR-SGC-006		12/21/95	REC		N	Ν	
F01.050.541	1-MCR-SGD-004		12/21/95	REC		N	N	
F01.050.542	1-MCR-SGD-007		12/21/95	REC		N	N	
F01.050.550	1-MCA-VQ-010	VQ	02/28/95	CLR		N	N	
F01.050.551	1-MCR-VQ-508	VQ	12/19/95	CLR		N	Ν	
F01.050.552	1-MCR-VQ-514	VQ	12/19/95	CLR		N	N	
G01.001.002	1RCP-1B		01/CS/96	CLR		N	N	
G01.001.004	1RCP-1D		01/01/96	CLR		N	N	
G03.001.004	1NC1F-109		01/17/96	CLR		N	N	
G03.001.004A	1NC1F-109		12/21/95	CLR		N	N	
G03.001.005	1NC-102-1		01/02/96	CLR		N	N	
G03.001.005A	1NC-102-1		12/20/95	CLR		N	N	
G03.001.006	1NC-102-2		01/02/96	CLR		N	N	
G03.001.006A	1NC-102-2		12/20/95	CLR		N	N	
G03.001.007	1NC-128-1		01/02/96	REC		Y	N	
G03.001.007A	1NC-128-1		12/21/95	CLR		N	N	
G03.001.008	1NC-128-2		01/02/96	REC		Y	N	
G03.001.008A	1NC-128-2		12/21/95	CLR		N	N	
G04.001.002	1SGB-CF-MOD		12/31/95	CLR		N	N	
004.001.002			1201100	C. C. I				

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
<b>Examination</b> Date	=	Latest Examination date
Condition	=	Partial or Complete test
Status	=	Clear, Recordable or Reportable
Comments	22	General and/or Detail Description



Refueling Outage Report McGuire Unit 1 Section 5

Page 2 Revision 0 March 26, 1996



PAGE NO. 1 03/26/96

#### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS & (CATEGORY B-P) REQUIREMENTS

### FOR OUTAGE NUMBER 10

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS	
B15.050.001	SEE COMMENTS	N/A	LEAK	1MNS-047	NC SYSTEM	VT-2	QAL-15	Class A Leakage Boundary Dwgs: MCL-1553-1.0/2, MCL-1553-2.0/2, MCL-1553-2.1/5, MCL-1554-1.0/3, MCL-1554-1.1/3, MCL-1554-1.2/5, MCL-1561-1.0/5, MCL-1562-1.0/3, MCL-1562-2.0/4, MCL-1562-2.1/4,	

MCL-1562-3.0/5, MCL-1562-3.1/4





PAGE NO. 1 03/26/96

#### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS B (CATEGORY C-E) REQUIREMENTS

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.001	MCL-1554-2.0	04	INSER	1MNS-051	NV SYSTEM	VT-2	QAL-15	Station Pkg. Nos: #16
C07.030.002	MCL-1554-3.0	04	INSER	1MNS-051	NV SYSTEM	VT-2	QAL-15	Test Pkgs: #16, #27
C07.030.003	MCL-1554-3.1	05	INSER	1MNS-061	NV SYSTEM	VT-2	QAL-15	Test Pkg Nos: #16, #27, #51
Cu7.030.004	MCL-1554-5.0	05	INSER	1MNS-056	NV SYSTEM	VT-2	QAL-15	Station Pkg. #16
C07.030.005	MCL-1561-1.0	06	INS/FUN	1MNS-051	ND SYSTEM	VT-2	QAL-15	VT-2 Examination of C02.033.001 and C02.033.002 Telltale Hole also required - 2nd period test pkgs: #16, #27, #19, #50
C07.030.006	MCL-1562-1.0	04	INSER	1MNS-056	NI SYSTEM	VT-2	QAL-15	Station Pkg. \$16
C07.030.007	MCL-1562-3.0	06	INS/FUN	1MNS-051	NI SYSTEM	VT-2	QAL-15	Class B penetration M-277, M-316 and M-319 - 2nd Period Station Pkg. Nos: #16, #22, #27, #53
C07.030.008	MCL-1562-3.1	05	INS/FUN	1MNS-051	NI SYSTEM	VT-2	QAL-15	Class B penetration M-278. %-302, M-306, M-336 and M-352 - 2nd Period Station Pkg. Nos: #19, #22, #50
C07.030.009	MCL-1563-1.0	05	INS/FUN	1MNS-051	NS SYSTEM	VT-2	QAL-15	VT-2 Examination of C02.033.005 and C02.033.006 Telltale Hole also required - Station Pkg. Nos: #19, #23, #24, #27, #50





PAGE NO. 2 03/26/96

#### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS B (CATEGORY C-H) REQUIREMENTS

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.010	MCL-1571-1.0	04	INSER	1MNS-051	FW SYSTEM	VT-2	QAL-15	Class B penetrations M-358 and M-377 Station Pkg. Nos: #19, #26, #27
C07.030.011	MCL-1572-1.0	04	INSER	1MNS-051	NM SYSTEM	VT-2	QAL-15	Class B penetrations M-235 and M-309 - Station Pkg.#19, #41
C07.030.012	MCL-1553-2.1	06	INSER	1MNS-051	NC SYSTEM	VT-2	QAL-15	Class B penetrations M-212 & M-274. Reference PIP#1-M94-1348 and Request For Relief # 94-GO-002 for 1st period testing of penetration M-216. Second Period Station
C07.030.014	MCL-1554-1.0	04	INSER	1MNS-061	NV SYSTEM	VT-2	QAL-15	Class B penetrzcions M-339 and M-350 Station Pkg. Nos: $\$16$ , $\$17$
C07.030.015	MCL-1554-1.1	04	INSER	1MNS-051	NV SYSTEM	VT-2	QAL-15	Class B penetrations M-256, M-343 and M-344 - Station Pkg. Nos: #16, #17
C07.030.016	MCL-1554-1.2	06	INS/FUN	1MNS-061	NV SYSTEM	VT-2	QAL-15	Class B penetrations M-228, M-329 and M-347 - Station Pkg. Nos: #16, #17, #18, #19, #20
C07.030.017	MCL-1554-1.3	04	FUNCT	1MNS-051	NV SYSTEM	VT-2	QAL-15	Class B penetration M-342 - Station Pkg.#17
C07.030.023	MCL-1565-1.1	02	INSER	1MNS-061	WL SYSTEM	VT-2	QAL-15	Class B penetration M-360 and M-375 - Station Pkg.#5
C07.030.027	MCL-1572-3.0	04	INSER	1MNS-061	NM SYSTEM	VT-2	QAL-15	Class B penetrations M-335, M-338, M-340 and M-341 - Station Pkg.#6



PAGE NO. 3 03/26/96

### MCGUIRZ UNIT NUMBER 1 - 2nd INTERVAL CLASS B (CATEGORY C-H) REQUIREMENTS

ITEM NO.	DRAWING	REV	PST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
C07.030.028	MCL-1573-3.1	03	INSER	1MNS-061	KC SYSTEM	VT-2	QAL-15	Class B penetrations M-217, M-218, M-320, M-327, M-355 and M-376 - Station Pkg.#19
C07.030.030	MCL-1574-4.0	05	FUNCT	1MNS-061	RN SYSTEM	VT-2	QAL-15	Class B penetration M-307 and M-315 - Station Pkg.#4
C07.030.031	MCL-1580-1.0	04	INSER	1MNS-061	BB SYSTEM	VT-2	QAL-15	Class B penetration M-300, M-301, M-303 and M-304 - Station Pkg.∯6
C07.030.033	MCL-1591-1.1	03	INSER	1MNS-051	CF SYSTEM	VT-2	QAL-15	Class B penetrations M-153, M-262, M-308 and M-440 - Station Pkg.#6
C07.030.034	MCL-1592-1.0	03	INSER	1MNS-051	CA SYSTEM	VT-2	QAL-15	Class B penetrations M-156, M-286, M-465 and M-3100 - Station Pkg.#6
C07.030.035	MCL-1593-1.0	03	INSER	1MNS-061	SM / SV SYST	TEM VT-2	QAL-15	Class B penetrations M-154 and M-261 - Station Pkg.#6
C07.030.036	MCI-1593-1.2	04	INSER	1MNS-061	SA / TE SYST	TEM VT-2	QAL-15	Station Test Zone #35
C07.030.037	MCL-1593-1.3	03	INSER	1MNS-061	SM / SV SYST	TEM VT-2	QAL-15	Class B penetrations M-393 and M-441 - Station Pkg.#6
C07.030.040	MCL-1604-3.0	03	INSER	1MNS-061	RV SYSTEM	VT-2	QAL-15	Class B penetrations M-240, M-279, M-3P5 and M-390 - Station Pkg.#2



PAGE NO. 1 03/26/96

## MCGUIRE UNIT HUMBER 1 - 2nd INTERVAL CLASS C (CATEGORY D-A) REQUIREMENTS

ITEN NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAVE	REQ. INSP	REQ. PROC	COMMENTS	
D01.011.002	MCL-1554-2.0	04	INSER	1MNS-056	NV SYSTEM	VT-2	QAL-15	Station Pkg. No: \$16	
D01.011.003	MCL-1554-3.1	05	INSER	1MNS-056	NV SYSTEM	VT-2	QAL-15	Station Pkg. Nos: #16	
D01.011.004	MCL-1554-5.0	05	INSER	1MNS-056	NV SYSTEM	VT-2	QAL-15	Station Pkg. #16	



PAGE NO. 1 03/26/96

#### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS C (CATEGORY D-1) REQUIREMENTS

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	COMMENTS
D02.011.001	MCL-1573-1.0	04	FUNCT	1MNS-056	KC SYSTEM	VT-2	QAL-15	Station Pkg. Nos: #28, #29
D02.011.002	MCL-1573-1.1	04	FUNCT	1MNS-051	KC SYSTEM	VT-2	QAL-15	Station Pkg. Nos: #28, #29, #31
D02.011.004	MCL-1574-1.0	04	FUNCT	1MNS-051	RN SYSTEM	VT-2	QAL-15	Station Pkg.#31
D02.011.005	5 MCL-1574-1.1	04	FUNCT	1MNS-051	RN SYSTEM	VT-2	QAL-15	Station Pkg.#31
D02.011.008	MCL-1574-3.0	04	FUNCT	1MNS-051	RN SYSTEM	VT-2	QAL-15	Station Pkg.#31
D02.011.009	MCL-1574-3.1	03	FUNCT	1MNS-051	RN SYSTEM	VT-2	QAL-15	STN. PKG.#61, #31
D02.011.011	MCL-1592-1.0	03	FUNCT	1MNS-051	CA SYSTEM	VT-2	QAL-15	Station Test Zone #54, #59
D02.011.012	MCL-1592-1.1	05	FUNCT	1MNS-051	CA SYSTEM	VT-2	QAL-15	2nd Period Station Pkg. Nos: #34, #38A, #33, #54
D02.011.013	MCL-1593-1.2	04	FUNCT	1MNS-051	SA/TE SYSTEM	VT-2	QAL-15	Station Test Zone #35
D02.011.015	5 MCL-1609-1.0	04	FUNCT	1MNS-051	KD SYSTEM	VT-2	QAL-15	2nd Period Station Pkg. Nos: #15
D02.011.01	5 MCL-1609-1.1	04	FUNCT	1MNS-051	KD SYSTEM	VT-2	QAL-15	2nd Period Test Pkgs: #14, #31
D02.011.01	7 MCL-1609-2.0	04	FUNCT	1MNS-056	LD SYSTEM	VT-2	QAL-15	2nd Period Station Pkg. Nos: #9, #11
D02.011.018	MCL-1609-2.1	04	FUNCT	1MNS-051	LD SYSTEM	VT-2	QAL-15	2nd Period Test Pkgs: #1, #10





PAGE NO. 2 03/26/96

#### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS C (CATEGORY D-B) REQUIREMENTS

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	REQ. INSP	REQ. PROC	CONGENTS
D02.011.019	MCL-1609-3.0	04	FUNCT	1MNS-056	FD SYSTEM	VT-2	QAL-15	This test is required for periods 1, 2 and 3. 2nd Period Station Pkg. Nos: #7
D02.011.020	MCL-1609-3.1	04	FUNCT	1MNS-051	FD SYSTEM	VT-2	QAL-15	This test is required for periods 1, 2 and 3 - Stm. Pkg.# 8
D02.011.021	MCL-1609-4.0	04	FUNCT	1MNS-051	VG SYSTEM	VT-2	QAL-15	2nd Period Station Pkg. Nos: #12, #13
D02.011.022	MCL-2574-1.1	05	FUNCT	1MNS-051	RN SYSTEM	VT-2	QAL-15	Station Pkg.#31
D02.011.023	MCL-2574-3.0	05	FUNCT	1MNS-061	RN SYSTEM	VT-2	QAL-15	Station Pkg.#31
D02.011.024	MCL-2574-4.0	05	FUNCT	1MNS-061	RN SYSTEM	VT-2	QAL-15	Station Pkg.#31
D02.011.025	MCL-2604-3.0	05	FUNCT	1MNS-061	RV SYSTEM	VT-2	QAL-15	Station Pkg.#31
D02.012.027	MCH-1609-3.0	01	HYDRO	1MNS-062	FD SYSTEM	VT-2	QAL-15	This test is required for periods 2 and 3 - 2nd Period Station Pkg.#7
D'J2.012.028	MCH-1609-3.1	01	HYDRO	1MNS-062	FD SYSTEM	VT-2	QAL-15	This test is required for periods 2 and 3 - 2nd Period Station Pkg. #8



PAGE NO. 1 03/26/96

#### MCGUIRE UNIT NUMBER 1 - 2nd INTERVAL CLASS C (CATEGORY D-C) REQUIREMENTS

ITEM NO.	DRAWING	REV	TEST	FCA NO.	SYSTEM NAME	PEQ. INSP	REQ. PROC	COMMENTS	4
				11010 0.01	PD OVOTEN	VT-2	081-15	2nd Period Station Pkg. Nos: #25, #52	
D03.011.001	MCL-1570-1.0	04	INSER	1MNS-061	KF SYSTEM	VX-2	AUP 10	Lind Fellod Scacton Fry. Nos. 425, 452	

## 5.2 Limited Examinations (Less than 90% Examination Coverage)

A. There were twelve item numbers inspected for which the required 90% or greater examination coverage was not obtained. These item numbers are listed below along with the Request for Relief Number that will be filed for these limited Inspections.

Item Number	Request for Relief Serial Number
B03.140.001	Request for Relief 96-01
B03.140.002	Request for Relief 96-01
B03.140.007	Request for Relief 96-01
B03.140.008	Request for Relief 96-01
B05.070.001	Request for Relief 96-01
B05.070.002	Request for Relief 96-01
B05.130.002	Request for Relief 96-01
B05.130.003	Request for Relief 96-01
B09.031.004	Request for Relief 96-01
C01.010.080	Request for Relief 96-02
C01.020.050	Request for Relief 96-02
C01.030.010	Request for Relief 96-02



Refueling Outage Report McGuire Unit 1 Section 5 Page 3 Revision 0 March 26, 1996

## 6.0 Reportable Indications

No reportable indications were discovered during Refueling Outage 10



Refueling Outage Report McGuire Unit 1 Section 6

Page 1 Revision 0 March 26, 1996

## 7.0 Personnel, Equipment and Material Certifications

All personnel who performed or evaluated the results of inservice inspections from October 28, 1994 to January 25, 1996 at McGuire 1 were certified in accordance with the requirements of 1989 Edition of ASME Section XI. The appropriate certification records for inspection personnel are on file at McGuire Nuclear Station or in the Corporate offices in Charlotte, North Carolina.

Records of periodic calibration of Duke Power Company inspection equipment are on file at McGuire Nuclear Station or in the Corporate offices in Charlotte, North Carolina.



Refueling Outage Report McGuire Unit 1 Section 7 Page 1 Revision 0 March 26, 1996

## 8.0 Corrective Action

The following are the Problem Investigation Process reports (PIP'S) issued to document items involving Outage 10:

1M94-1467 (Reactor Vessel Interior) B13.010.001



Refueling Outage Report McGuire Unit 1 Section 8

Page 1 Revision0 March 26, 1996



Today's Date : 01/11/95 Time : 09:09 Page No.: 1 PIP Serial No. : 1-M94-1467

MSE Serial No. : LER Serial No.: Other Rpt. No. :

## MCGUIRE NUCLEAR STATION Problem Investigation Process Problem Investigation Form

#### I. Problem ID

Occurred Time/Date:	1 1	Discovered	Time/Date:	10/25/94

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

Unit Status Remarks:

System(s) Affected: 1). NC = Reactor Coolant System

Problem Found While Working With Work Order No .:

Location of Problem - Bldg: RX1 Elev: Column Line: Location Remarks: Reactor Pressure Vessel Interior

#### Method Used To Discover Problem:

Notified by QA Technical Services

Brief Problem Description:

Inservice Inspection not performed on Reactor Vessel Interior

#### Detailed Problem Description:

Inservice Inspection, VT-3, was not performed on the Reactor Vessel Interior during 1EOC9. This inspection was required to be performed during the first period of the second interval. 1EOC9 was the last outage this inspection could be performed for this period as required by ASME Section XI, Table IWB-2500-1, item #B13.10. Notification was not made to the Mechanical QC Inspectors to perform this inspection.

Originated by: EGBARE Group: IAE Date: 10/26/94 Other Units/Components/Systems/Areas Affected (Y,N,U): NO

Immediate Corrective Actions:

Corrective Action Work Order No .:

Problem Identified By: CZBEARDE Group: MNT Date: 10/26/94

Today's Date : 01/11/95 Time : 09:09 Page No.: 2 PIP Serial No. : 1-M94-1467 MSE Serial No. : LER Serial No.: Other Rpt. No. :

MCGUIRE NUCLEAR STATION Problem Investigation Process Problem Investigation Form

Problem Entered By : EGBARE Group: IAE

Date: 10/26/94

#### II. Significance

Is the Problem Significant? N Action Category: 3 MSE No .: LER NO. : OEP No .:

Other Report No. :

Event Code(s) : 1). Alb = Technical

#### Screening Remarks:

Per discussion with Rick Branch, this issue is not "significant", nor does it affect operability. This inspection will be done during an upcoming outage.

(New Code HP)

Originated by: MKRINK Group: SRG Date: 10/27/94 Revised by: MKRINK Group: SRG Date: 10/27/94

Responsible Group(s) for Proposed Resolution :

	Original	Current	#
	Due Date	Due Date	Ext.
1). QAT = QA Tech. Services	11/24/94	11/24/94	0
2). IAE = Inst & Elec Maint	11/24/94	11/24/94	0
Responsible Group for Cause Code Eva	aluation : IAE	Due Date:	11/24/94
Responsible Group for Overall PIP A	pproval : QAT	Due Date:	1 1
Screened By: MKRINK Group: SRG	Date: 10	/27/94	

#### III. Problem Evaluation

System(s) Affected : 1). NC = Reactor Coolant System

Affected Equipment: Comp. Manufacturer WMS Equipment ID No. | Code | Name - 1

Most Probable Group Causing Event Status: CLOSED Today's Date : 01/11/95 Time : 09:09 Page No.: 3 PIP Serial No. : 1-M94-1467

MSE Serial No. : LER Serial No. : Other Rpt. No. :

## MCGUIRE NUCLEAR STATION Problem Investigation Process Problem Investigation Form

Group INPO Cause Code(s) : 1). IAE - A = VERBAL COMMUNICATION The spoken presentation or exchange of info

#### Cause(s) of Problem:

The examination was not performed due to miscommunication between the ISI Coordinator and the QA/QC Team Leader. When the examination was identified to the QA/QC Team Leader to be performed during 1EOC9 he thought a mistake had been made in the ISI plan for 1EOC9. Knowing the inspection had been performed during 1EOC7 the QA/QC Team Leader failed to remember that 1EOC7 outage was in the first ten year ISI inspection interval. 1EOC9 was in the first period of the second ten year interval.

Originated by: EGBARE Group: IAE Date: 11/21/94

Is Cause Determination Complete (y,n) : Yes Assigned To : RXBRANCH / JWFOSTER Mgmt Exception: No Orig Due Date : 11/24/94 Curr Due Date: 11/24/94 # of Ext.: 0 Approved By : AMDEVINE Group: IAE App Date : 11/21/94

Proposed Resolution From: QAT Grp Status: OPEN

Is Prop. Resolution ready for approval? (y,n): No AsnToGrp: 10/27/94 Assigned To : / Mgmt Exception: No Orig Due Date : 11/24/94 Curr Due Date : 11/24/94 # of Ext.: 0 Approved By : Group : App Date : / /

## Proposed Resolution From: IAE Grp Status: CLOSED

The examination will be scheduled for 1EOC10 which is the first outage of the second period of the second 10 year interval. Integrated Scheduling has been contacted to schedule inspection during 1EOC10. I & E Maintenance will originate a Work Order to perform

examination during 1EOC10.

Originated by: EGBARE Group: IAE Date: 11/21/94 Revised by: EGBARE Group: IAE Date: 11/21/94

Is Prop. Resolution ready for approval? (y,n): Yes AsnToGrp: 10/27/94 Assigned To : RXBRANCH / JWFOSTER Mgmt Exception: No





Today's Date : 01/11/95 Time : 09:09 Page No.: 4 PIF Serial No. : 1-M94-1467 MSE Serial No. : LER Serial No.: Other Rpt. No. :

#### MCGUIRE NUCLEAR STATION Problem Investigation Process Problem Investigation Form

Orig Due Date : 11/24/94 Curr Due Date : 11/24/94 # of Ext.: 0 Approved By : AMDEVINE Group : IAE App Date : 11/21/94

Remarks:

IV. rrective Actions

Resp Grp: IAE Brief Proposed Corrective Action: Orig Grp: IAE Maintenance will originate a work request to perform an examination on vessel during 1EOC10. This work order will be scheduled by WCG.

Prop CAC: Ble Actual CAC: Ble Outage :

Work Orders/Requests:

 MOD Info:
 Mode:

 RGC Item :
 RGC Item:

 SRG Item :
 QVD Item:

 INPO Item:
 Actual Corrective Action Resolution From: IAE Grp Status: CLOSED

the second second

WR# 94048434 has been written to perform examination.

Originated by: EGBARE Group: IAE Date: 11/30/94

Is Corrective Action ready for approval? (y,n): Yes AsnToGrp: 11/21/94 Assigned To : RXBRANCH / MKNAZAR Mgmt Exception: No Orig Due Date : 01/23/95 Curr Due Date: 01/23/95 # of Ext.: 0 Approved By : AMDEVINE Group: IAE App Date : 12/01/94

#### V. Final and Overall PIP Approval

Criterion XVI Review:

XVI Review Not Required for this PIP

Overall PIP Approval: Assigned To: MKRINK /

Due Date: / /



Today's Date : 01/11/95 Time : 09:09 Page No.: 5 PIP Serial No. : 1-M94-1467

MSE Serial No. : LER Serial No.: Other Rpt. No. :

MCGUIRE NUCLEAR STATION Problem Investigation Process Problem Investigation Form

Approved By:

Group: QAT

Date: / /

End of the Document FOR PIP No.: 1-M94-1467 The Status of this PIP No. is : OPEN





### 9.0 Reference Documents

The following reference documents apply to the inservice inspection performed during Outage 10 at McGuire Unit 1:

- (1) Request for Relief (94-010)
- (2) Request for Relief (94-G0-001)
- (3) Request for Relief (94-G0-002)
- (4) Request for Relief (96-01) in Course of Preparation
- (5) Request for Relief (96-02) in Course of Preparation



Refueling Outage Report McGuire Unit 1 Section 9 Page 1 Revision 0 March 26, 1996



January 19, 1995

T.C. McMeekin

Subject: Vice President Approval McGuire Nuclear Station Relief Request 94-10

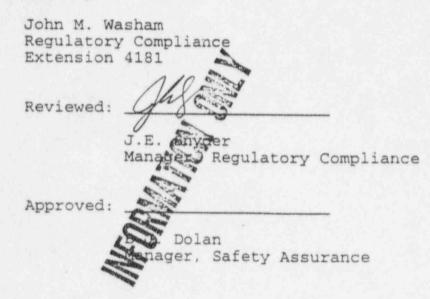
Please review and sign the attached NRC communication. This Relief Request involves the missed inspection of the Unit 1 Reactor Vessel during 1EOC9.

Should you have any questions, please contact John Washam (4181). The following personnel have been afforded an opportunity to review this request:

W.G. Goodman

J.M. Washam

Thank you



Duke Power Company McGuire Nuclear Generation Department 12700 Hagers Ferry Road (MC01VP) Huntersville, NC 28078-8985

T. C. MCMEEKIN Vice President (704)875-4800 (704)875-4809 Fax



### **DUKE POWER**

January 20, 1995

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

Subject: McGuire Nuclear Station McGuire Nuclear Station, Unit 1 Docket No. 50-369 Section XI, Inservice Inspection Second Interval, Unit 1 Relief Request, 94-10

Dear Sir;

Pursuant to 10 CFR50.55a (g) (5) (iii), I am submitting the attached relief request for NRC review and approval. This request for relief from ASME B&PV Code requirements involves the 1986 Edition of Section XI, Table IWB-2500-1, Examination Category B-N-1, Interior of Reactor Vessel, Item Number B13.10.

Should there be any questions regarding this matter, please contact John M. Washam at (704) 875-4181.

Very truly yours,

McMeekin

U.S. Nuclear Regulatory Commission January 20, 1995 page 2

\*

.....

xc: Mr. S.D. Ebneter Administrator, Region II U.S. Nuclear Regulatory Commission 101 Marietta St., NW, Suite 2900 Atlanta, Ga. 30323

> Mr. Victor Nerses U.S. Nuclear Regulatory Commission Office of Nuclear Reactor Regulation Washington, D.C. 20555

Mr. George Maxwell Senior NRC Resident Inspector, McGuire McGuire Nuclear Station U. S. Nuclear Regulatory Commission January 20,1995 Page 3

bxc: with attachments

\*

1. 1.

J.E. Snyder J.M. Washam R.D. Klein (MGO1MM) R. Branch (MGO1MM) W.G. Goodman (EC07J) G.J. Underwood (EC05P) M.F. Langel (MGO1CP) G.J. Holbrooks (MGO1CP) J.O. Barbour (EC07J) G.A. Copp, III (EC050) File: Relief Request ELL (EC050)

#### DUKE POWER COMPANY Request for Relief From Inservice Inspection Requirement

Station: McGuire Nuclear Station Unit: 1

Reference Code: ASME B&PV Code Section XI, 1986 Edition

I. Component for which exemption is requested:

a. Names and Identification Numbers:

McGuire Unit 1 Reactor Vessel

b. Function:

The function of the reactor vessel is to provide containment for the nuclear fuel and its support structure and to provide a contained flow path through the core.

c. ASME Section XI Code Class:

Class 1

d. Construction Code and Class: ASME Section III, Class 1

# II. Reference Code Requirement From Which Relief Is Desired:

ASME B&PV Code Section XI, 1986 Edition. Table IWB-2500-1 Examination Category B-N-1, Interior of Reactor Vessel, Item Number B13.10.

<u>Requirement:</u> Spaces above and below the reactor core that are made accessible for examination by removal of components during normal refueling outages are to be VT-3, visually, examined at the first refueling outage, and subsequent refueling outages at approximately three year intervals during the first inspection interval and within each inspection period during successive intervals. Acceptance Standard: IWB-3320.2

Delay of the B-N-1 examinations until the next scheduled outage in December of 1995 will mean that the duration between examinations will be 4 years. Although the inspection will not be within the first period, it will not exceed the maximum time span allowed by Section XI for the second and succeeding intervals. Successive inspections will be performed during the last outage of the second period and coincidental with the ultrasonic inspection of the shell welds during the last period of the interval. Because the first inspection interval for McGuire Unit 1 used the one year extension allowed by IWA-2430(d), the second interval for McGuire Unit 1 is scheduled to be 9 years duration versus 10 years. To accommodate the 9 year interval, the first period of the second interval was set at two years duration instead of the usual three years. Thus, the second interval first, second and third periods are two, four and three years duration respectively. The interval schedule is as follows:

1 0	10	191	10	10
12	10	1.	19	4

12/01/94

12/01/98 12/01/01

period 1			period 3		
1E0C9	1E0C10 1E0C11		1E0C12	1EOC13	1E0C14
10/28/94	12/09/95	02/09/97	12/02/98	11/04/99	04/08/01
	1 1EOC9 10/28/94	l period 2 <u>1EOC9</u> <u>1EOC10</u> 10/28/94 12/09/95	1E0C9 1E0C10 1E0C11	1E0C9 1E0C10 1E0C11 1E0C12	Derrod J

An unscheduled outage solely for the execution of this examination would be an unnecessary economic hardship. Minimum downtime for the unit would be 16 days. The labor and equipment cost would be approximately \$150,000 and lost revenues during the 16 days would be approximately \$6,500,000.

### Alternate Examination:

The B-N-1 inspection of the Reactor vessel interior surface will be performed at the next scheduled refueling outage, 1EOC10, which is presently scheduled for 12/09/95. Successive examinations will be performed at outage 1EOC12 for the second period and coincidental with the ultrasonic examination of the reactor shell welds for the third period.

3

# III. Basis for requesting Relief:

1. 14

The reactor vessel interior, VT-3, visual examination, Examination Category B-N-1, Item Number B13.10, was scheduled to be performed at refueling outage 1EOC9, the last scheduled refueling outage of the first period of the second interval. After the unit had been started and during final review of inspection data, it was discovered that the examination had not been performed. A problem investigation report, 1-M94-1467, was written to document the violation of first period requirements and provide methods to prevent future reoccurrence.

The first period of the Unit 1 second inspection interval ends on December 1, 1994. The next refueling outage, 1EOC10, is scheduled for December 9, 1995 and is the first outage of the second period.

The last VT-3, visual, examination of the Unit 1 reactor vessel interior surface took place on November 11, 1991 during refueling outage 1EOC7. Outage 1EOC7 was the final outage of the first interval. The VT-3, visual, examination during 1EOC7 covered 100% of the interior surface of the vessel and no discrepancies were indicated. This examination was more extensive than the partial inspection performed during a normal refueling outage. Also during 1EOC7, the vessel welds were ultrasonically inspected with no discrepancies noted. Prior to closure of the vessel during 1EOC9, a general visual examination of the vessel interior was conducted by craftsmen and site engineering personnel and no discrepancies were found.

The 1986 Edition of ASME Section XI, table IWB-2500-1, Examination Category B-N-1 calls for examinations to be performed each inspection period after the first interval. Since the periods are normally three, four, and three years, the time span between examinations can be up to four years and still meet the once per period requirement in IWB-2500-1.



Serial No. <u>94-GO-001</u> Page 1 of 4

### DUKE POWER COMPANY

Request for Relief From

Inservice Inspection Requirement

Station: Oconee, McGuire and Catawba

Unit: Oconee 1, 2 and 3; McGuire 1 and 2; Catawba 1 and 2

Requesting Department: Nuclear Generation

Reference Code: ASME Boiler and Pressure Vessel Code, Section XI 1980 Edition through Winter 1980 Addenda (Second Inspection Interval) & 1989 Edition with no Addenda (Third Inspection Interval) for Oconee Units 1, 2 and 3;

1986 Edition with no Addenda for McGuire Unit 1; 1989 Edition with no Addenda for McGuire Unit 2; 1980 Edition through Winter 1981 Addenda for Catavira Units

1980 Edition through Winter 1981 Addenda for Catawba Units 1 and 2.

I. Component for which exemption is requested:

a. Name and Identification Number:

This request is for all of the remaining ISI Class 3 system hydrostatic tests to be performed prior to the end of each inspection interval as follows: Oconee 1, 2 and 3 - Second and Third Ten Year Inspection Intervals McGuire 1 and 2 - Second Ten Year Inspection Interval Catawba 1 and 2 - First Ten Year Inspection Interval

b. Function:

Systems in support of Reactor Shutdown Function, Emergency Core Cooling, Containment Heat Removal, Atmosphere Cleanup, Reactor Residual Heat Removal and Residual Heat Removal From Spent Fuel Storage Pool.

c. ASME Section XI Code Class: 3

Serial No. <u>94-GO-001</u> Page 2 of 4

d. Construction Code and Class (If Applicable):

Oconee - ANSI B31.1 - 1967 & 1973, with Summer 1975 Addenda; ANSI B31.7 - 1968 & 1973, with Summer 1975 Addenda ASME Section III - 1974 through Summer 1975 Addenda McGuire - ASME Section III - 1971 through Winter 1971 Addenda Catawba - ASME Section III - 1974 through Summer 1974 Addenda

e. Valve Category (If Applicable): N/A

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

System hydrostatic test per IWD-5223; Categories D-A, D-B and D-C; Items D1.10, D2.10 and D3.10.

### III. Basis for Requesting Relief:

Consistent with the philosophy of ASME Code Case N-498 Revision 1, this request is based on performing VT-2 examinations at nominal operating pressures in lieu of the interval hydrostatic pressure tests. A review of all the Class 3 interval hydrostatic pressure tests performed at Duke Power Company to date has shown that a leak has never occurred in the base metal or in an existing weld. All leaks that have occurred have been in mechanical joints such as packing glands and body-to-bonnet connections. This review covers a time period of twenty years for Oconee, twelve years for McGuire and eight years for Catawba. Additionally, the ASME Boiler & Pressure Vessel Code, Section XI Task Group for Code Case N-498 Revision 1, surveyed 41 nuclear utilities and this survey revealed that a hydrostatic test only increases the leakage rate from that of a leakage test run at nominal operating pressure. That is, no new leakage was identified in any instance by raising the test pressure from operating pressure to hydrostatic pressure. Therefore, performing a VT-2 examination at nominal operating pressure provides reasonable assurance of system integrity.

ASME Code Case N-498 Revision 1 has been approved by the ASME Boiler & Pressure Vessel Code Committee and the Board on Nuclear Codes and Standards as an acceptable alternative to the rules of the ASME Boiler & Pressure Vessel Code, Section XI.

Serial No. 94-GO-001 Page 3 of 4

The burdens imposed by Class 3 hydrostatic testing (IWD-5223) are as follows:

(1) The system isolation and coordination (required for hydrostatic testing at elevated pressures during a refueling outage) potentially increases critical path time and possible limiting conditions for operation (LCO's), as opposed to testing at operating pressure.

(2) System hydrostatic tests frequently require securing relief valves in a closed position or disassembly of check valves to maintain an open flow path which requires time and personnel exposure.

(3) The required time to complete system hydrostatic tests compared to system pressure tests results in a significant increase in the total amount of work force, radiological exposure and radwaste from hydrostatic equipment decontamination without a compensating increase in the level of quality or safety.

### IV. Alternate Examination:

(1) A system pressure test at operating pressure (IWD-5221 for Categories DA and DC; IWD-5222 for Category DB) shall be conducted at or near the end of the inspection interval.

(2) The boundary subject to test pressurization during the system pressure test shall extend to all Class 3 components included in those portions of systems required to operate or support the safety system function up to and including the first normally closed valve (including a safety or relief valve), or valve capable of automatic closure when the safety function is required.

(3) Prior to performing the VT-2 visual examination, the system shall be pressurized to nominal operating pressure for a minimum of 4 hours for insulated systems and 10 minutes for noninsulated systems. The system shall be maintained at nominal operating pressure during performance of the VT-2 visual examination.

(4) The VT-2 visual examination shall include all components within the boundary identified in (2) above.

(5) Test instrumentation requirements of IWA-5260 (Gages for Hydrostatic or Pneumatic Pressure Tests) are not applicable.

Serial No. 94-GO-001 Page 4 of 4

V. Implementation Schedule:

\*

•

Immediate implementation.

Evaluated By:	AM. Burgeman	_ Date _ 6/13/94_
Evaluated By:	Sarling	_ Date 6/13/94_
	$\bigcirc$	1

Serial No. 94-GO-002 Page 1 of 3

### DUKE POWER COMPANY

Request for Relief From

# Inservice Inspection Requirement

Station: Oconee, McGuire and Catawba

Unit: Oconee 1, 2 and 3; McGuire 1 and 2; Catawba 1 and 2

Requesting Department: Nuclear Generation

Reference Code: ASME Boiler and Pressure Vessel Code, Section XI 1980 Edition through Winter 1980 Addenda (Second Inspection Interval) & 1989 Edition with no Addenda (Third Inspection Interval) for Oconee Units 1, 2 and 3;

1986 Edition with no Addenda for McGuire Unit 1;

1989 Edition with no Addenda for McGuire Unit 2;

1980 Edition through Winter 1981 Addenda for Catawba Units 1 and 2.

I. Component for which exemption is requested:

a. Name and Identification Number:

This request is for all of the remaining Interval hydrostatic testing for piping that penetrates a containment vessel, when the piping and isolation valves that are part of the containment system are Class 2 but the balance of the piping system is outside the scope of Section XI. This request is for system hydrostatic tests to be performed prior to the end of each inspection interval as follows:

Oconee 1, 2 and 3 - Second and Third Ten Year Inspection Intervals McGuire 1 and 2 - Second Ten Year Inspection Interval Catawba 1 and 2 - First Ten Year Inspection Interval

b. Function:

Containment integrity.

c. ASME Section XI Code Class: 2

Serial No. <u>94-GO-002</u> Page 2 of 3

d. Construction Code and Class (If Applicable):

Oconee - ANSI B31.1 - 1967 & ANSI B31.7 - 1968 McGuire - ASME Section III - 1971 through Winter 1971 Addenda Catawba - ASME Section III - 1974 through Summer 1974 Addenda

- e. Valve Category (If Applicable): N/A
- II. Reference Code Requirement that has been determined to be impractical:

System hydrostatic test per IWC-5222; Category C-H; Items C7.40 and C7.80.

# III. Basis for Requesting Relief:

Consistent with the philosophy of ASME Code Case N-522, this request is based on performing a 10 CFR 50, Appendix J test in lieu of the Interval hydrostatic pressure test, when the piping and isolation valves that are part of the containment system are Class 2 but the balance of the piping system is outside the scope of ASME Boiler & Pressure Vessel Code, Section XI. The only reason that the penetration piping is classified as Class 2 is because of its function as part of the containment pressure boundary. The remaining portion of the system is non nuclear related and the integrity of the system in relation to its primary function is not within the scope of Section XI. Since containment integrity is the only safety related function performed, it is logical to test the penetration portion of the system to the Appendix J criteria.

ASME Code Case N-522 has been approved by the ASME Boiler & Pressure Vessel Code Committee and the Board on Nuclear Codes and Standards as an acceptable alternative to the rules of the ASME Boiler & Pressure Vessel Code, Section XI. ASME Code Case N-522 has also been published in ASME Code Cases:Nuclear Components, 1992 Edition, Supplement No.7.

# IV. Alternate Examination:

Class 2 piping and isolation valves that are part of the containment system, but the balance of the piping system is outside the scope of Section XI, shall be examined under the rules of 10CFR 50, Appendix J.

Serial No. 94-GO-002 Page 3 of 3

ŧ.

V. Implementation Schedule:

Immediate implementation.

Evaluated By:	J. M. Bargianan	Date 6/13/94	
Evaluated By:	Sarling	Date 6/13/94	
	$\bigcirc$		

# 10.0 Class 1 and 2 Repairs and Replacements

10.1 As required by ASME Section XI 1989 Edition, a record (Form NIS-2) of the Class 1 and 2 Repairs and Replacements for work performed from October 28, 1994 to January 25, 1996 is provided and is included in this section of the report. The individual work request documents are on file at McGuire Nuclear Station



Refueling Outage Report McGuire Unit 1 Section 10 Page 1 Revision 0 March 26, 1996

# McGuire 1

Listing of Work Order Numbers which include Class 1 & 2 Froms NIS-2, (Repair and Replacements) from 10/15/94 to 01/25/96

Class 1	Class 2	Class 2
89079721	92041937	94019793
90073136	92055317	94019803
92077287	92085011	94019811
93010696	92087709	94019818
93010701	92092072	94019838
93021490	93001268	94024039
93028024	93015502	94028022
93029331	93023255	94029943
93061796	93023256	94052720
93071867	93025040	94061497
94005989	93027941	94065591
94005991	93031058	94065592
94009298	93031086	94068752
94009844	93031095	94069202
94013132	93061321	94071163
94013474	93088636	94071885
94013945	94005584	94081653
94013969	94006881	94081679
94013980	94006968	95064865
94013990	94013677	95095300
94014038	94013682	
94014091	94013787	
94018211	94013799	
94018242	94014079	
94018250	94014349	
94023174	94015740	
94045147	94015746	
94056119	94015752	
94057805	94016304	
94057809	94018216	
94058580	94018228	
94075825	94018240	
94076755	94018255	
94078112	94019781	
94078732	94019786	

Refueling Outage Report McGuire Unit 1

Revision 0 March 26, 1996

1.	Owner Address	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date <u>September 18, 1995</u> Sheet <u>1</u> of <u>1</u>
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	Ø 1 □2 □ 1 and 2 Shared		
3.	Work Per	formed By Duke Power Company	3a.	Work Order # 89079721 (Class A)
		422 S. Church St., Charlotte NC 28201		Repair Organization Job #
		le Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM #MEVN-1768
4	Identificat	tion of System NI - Safety Injection		

Code Cases

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

	Column 1	Column 2	Column 3	Col. 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	1MNIVA0071	Atwood & Morrill	4-15436-01	366	item# 04J-054	1986	Repaired Replacement Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D	in in the stand						Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes



1.	Owner Address	Duke Power Comp 422 S. Church St.,	Charlotte NC 28201				1a. Date Shee	September 19	1995
	Plant Address Unit	McGuire Nuclear S 12700 Hagers Ferr ☑ 1 □2 □ 1 and	ry Road, Huntersville NC 28	078					
3.	Address	and the second sec	Power Company Charlotte NC 28201 /A Authorization No. N/A	Expiration Date N/A				90073136 (Cl Repair Organi N/A	the second s
4.	Identifica	tion of System	NC - Reactor Coolant						
5.	(a) Appli	cable Construction	Code ASME III 1971 Edition					(	Code Cases
6.			Repaired or Replaced and						
		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e of Component	Name of Manufacturer	Manufacturer Serial	National	Other Identification	Year	Repaired,	ASME Code

	nume of component		Number	Board Number		Built	Replaced, or Replacement	Stamped (yes or no)
A	1MNCVA0014	Walworth	C-55208	26	Model# A9696-M-65-D	1971	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	No Ves
С							Repaired     Replacement     Replaced	□ No □ Yes
D			北京学生				Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

1.	Owner	Duke Power Company					
	Address	422 S. Church St., Charlotte NC 28201					

2.	Plant	McGuire Nuclear Station
	Address	12700 Hagers Ferry Road, Huntersville NC 28078
	Unit	Ø 1 □2 □ 1 and 2 Shared

3. Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date N/A 1a. Date <u>September 18,1995</u> Sheet <u>1</u> of 1

Code Cases

3a. Work Order # <u>92077287 (Class A)</u> Repair Organization Job # 3b. NSM or MM # N/A

4. Identification of System NI - Safety Injection

\*

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

	Column 1	Column 2	Column 3	Col. 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	1MNIVA0071	Atwood & Morrill	4-15436-01	1366	item# 04J-054	1986	Repaired     Replacement     Replaced	□ No ☑ Yes
B							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

1.	Owner	Duke Power Company		1a. Date September 21, 1995
	Address	422 S. Church St., Charlotte NC 28201		Sheet 1 of 1
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.	Work Per	formed By Duke Power Company	3a.	Work Order # 93010696 (Class A)
	Address	422 S. Church St., Charlotte NC 28201		Renair Organization Joh #

Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A 3b.

Code Cases

NSM or MM # N/A

4. Identification of System NC - Reactor Coolant

5. (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

	Column 1	Column 2	Column 3	Col. 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	1MNCVA0001	Crosby	N56925-00-0001	25	model# HB-BP-86	1975	<ul> <li>☐ Repaired</li> <li>☑ Replacement</li> <li>☐ Replaced</li> </ul>	□ No ☑ Yes
В							CI Repaired	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							C Repaired	□ No □ Yes
E				•			Repaired     Replacement     Replaced	□ No □ Yes
F							C Repaired	□ No □ Yes

1.	Owner	Duke Power Company		1a. Date September 21, 1995
	Address	422 S. Church St., Charlotte NC 28201		Sheet 1 of 1
2	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	Ø 1 □2 □ 1 and 2 Shared		
3.	Work Pe	formed By Duke Power Company	3a.	Work Order # 93010701 (Class A)
	Address	422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Type Coo	te Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM #_N/A
4.	Identifica	tion of System NC - Reactor Coolant		
5.	(a) Appli	cable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NONE		Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda
 6. Identification of Components Repaired or Replaced and Replacement Components

Column 1 Column 2 Column 3 Col. 4 Column 5 Col 6 Column 7 Column 8 Name of Component Name of Manufacturer Manufacturer Serial National Other Identification Repaired. ASME Code Year Number Board Built Replaced, or Stamped Number Replacement (yes or no) A C Repaired O No Crosby 1MNCVA0002 N56925-00-0002 26 model# HB-BP-86 1975 Replacement 2 Yes □ Replaced B C Repaired O No C Replacement □ Yes □ Replaced C □ Repaired O No Replacement 1 Yes □ Replaced Repaired D D No C Replacement 1 Yes Replaced E C Repaired D No □ Yes Replacement Replaced F Repaired O No Replacement I Yes Replaced

1.	Owner	Duke Power Company		1a. Date September 21, 1995
	Address	422 S. Church St., Charlotte NC 28201		Sheet <u>1</u> of <u>1</u>
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	Ø 1 □2 □ 1 and 2 Shared	남자, 동생 같은	
3.		formed By Duke Power Company	3	a. Work Order # 93021490 (Class A)
	Address	422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Type Coo	le Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3	b. NSM or MM #_MGMM-3671
<u> </u>	14-10			

Code Cases

4. Identification of System NI - Safety Injection

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NONE (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda

	Column 1	Column 2	Column 3	Col. 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	1MNIVA0065B	Walworth	C57172	195	model# 5272 WE PS item# 04J-005	1975	Repaired Replacement Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D					·		Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							C Repaired	□ No □ Yes

- Duke Power Company 1. Owner Address 422 S. Church St., Charlotte NC 28201
- McGuire Nuclear Station 2. Plant Address 12700 Hagers Ferry Road, Hunterville NC 28078 A1 02 01 and 2 Shared 2a. Unit
- 3. Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201 Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

1a. Date Sheet

Code Cases

3	8.	Work Order # 93028024-02
31	1	Repair Organization Job # NSM or MM # N/A

NONE

4. Identification of System

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda

	Column 1	Column 2	Column 3	Col 4	Column 5	Col 6	Column 7	101
A	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
8	1-NV-14	·ALOYCO WALWORTH	A0659	237	NA	74	Repaired Replacement Replaced	
c							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	O No Yes
E							Repaired     Replacement     Replaced	O No Yes
F				c.tk			C Repaired	D No D Yes
							Repaired	D No D Yes



1.		Duke Power Comp					ta. Date	September 21, 1	1995
	Address	422 S. Church St.,	Charlotte NC 28201				She	et <u>1</u> of	1
2. 2a	Address	McGuire Nuclear S 12700 Hagers Ferr Ø 1 □2 □ 1 and	ry Road, Huntersville NC 28	078					
3.	Work Perf Address Type Code	formed By <u>Duke F</u> 422 S. Church St., e Symbol Stamp <u>N</u>		Expiration Date <u>N/A</u>			k Order	# <u>93029331 (Clas</u> Repair Organiza #_ <u>N/A</u>	
5.	(a) Applic	able Construction	Code ASME III 1971 Editio					Co	de Cases
6.			tion XI Utilized for Repairs Repaired or Replaced and			ia			
	(	Colurnn 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name	e 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	1M	NCVA0094	Kerotest	OCA3-4	14842	model# DP-D-9909-1 item# 9J-016	1977	Repaired     Replacement     Replaced	□ No Ø Yes
В								Repaired     Replacement     Replaced	□ No □ Yes
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired     Replacement     Replaced	□ No □ Yes
E								Repaired     Replacement     Replaced	□ No □ Yes
F								Repaired     Replacement     Replaced	□ No □ Yes



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

As Required by the Provisions of the ASME Code Section XI

1.	Owner	Duke Power Company		1a. Date October 4, 1995
	Address	422 S. Church St., Charlotte NC 28201		Sheet <u>1</u> of <u>1</u>
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.	Work Per	formed By Duke Power Company	3a.	Work Order # 93061796 (Class A)
	Address	422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Туре Сос	te Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM # N/A
4.	Identifica	tion of System NC - Reactor Coolant		

Code Cases

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda

	Column 1	Column 2	Column 3	Col. 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	1MNCVA0036B	Control	15958-1-3	003	model# 118760	1975	Repaired     Replacement     Replaced	□ No ☑ Yes
В				\$			Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	D No Ves
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes



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

As Required by the Provisions of the ASME Code Section XI

i.				to Data C		0 1005
h.,	Owner Duke Power Company			Ta. Date 5	September 1	A REAL PROPERTY AND A REAL
	Address 422 S. Church St., Charlotte NC 28201			Sheet	1	of <u>1</u>
2	Plant McGuire Nuclear Station					
	Address 12700 Hagers Ferry Road, Huntersville NC 2	8078				
a	a. Unit Ø1 02 01 and 2 Shared					
	Work Performed By Duke Power Company		3a.	Work Order #_8	89079721 (0	Class A)
	Address 422 S. Church St., Charlotte NC 28201			R	epair Organ	nization Job #
	Type Code Symbol Stamp N/A Authorization No. N/A	Expiration Date N/A	3b.	NSM or MM #_	MEVN-176	8
į.,	Identification of System NI - Safety Injection	<u></u>				
i.,	(a) Applicable Construction Code ASME III 1971 Edit	ion, Summer and Winter Addenda, NONE				Code Cases
	(b) Applicable Edition of Section XI Utilized for Repairs					

T	Column 1	Column 2	Column 3	Col. 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	1MNIVA0071	Atwood & Morrill	4-15436-01	366	item# 04J-054	1986	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	No Ves
D	e de la companya de El companya de la comp						Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ 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.

8 T	escription of Work Mod est Conducted: Hydrosti	atic DRooumati	C Nomina	Operating P	ressure ØOther 🗆	Example C
	Pressure			st Temp.		Exempt D
	Pressure	All and the destination of the second s		st Temp.	°F	
	Pressure	CONTRACTOR AND A CONTRACTOR OF		st Temp.	°F	
). R	lemarks					
	(Applicat	le Manufacture	r's Data Report	s to be attach	ed)	
		CERTIFIC	CATE OF COM	PLIANCE		
W	Ve certify that the statem rms to the rules of the A	nents made in th SME Code, Sec	ne report are co ction XI.	prrect and this	repair or replacem	ient
ype	Code Symbol Stamp	N/A				
Certifi	icate of Authorization No	. <u>N/A</u>		Expir	ation Date N/A	
Signe	d Thomas & Owner	F L Grass Jr or Owner's Des	/ Technical Sp signee, Title	ecialist_Date	9/18/, 19.95	
	and the second secon	CERTIFICATE	OF INSERVIC		DN	
Vesse Hartfo Delief, Repor By implie	undersigned, holding a vel Inspectors and the Sta ord Connecticut have ins a to get the Connecticut have insp to get the Connecti	te or Province of pected the com and examination requirements of neither the Insp inations and con ector nor his em	of North Carolin ponents descri- , and s s and taken co of the ASME Co rector nor his e rective measu ployer shall be	na and emplo bed in this Or tate that to the rrective mean ode, Section 2 mployer make res described liable in any	yed by <u>HSBI and I</u> wner's Report durin e best of my knowl sures described in t KI. es any warranty, ex in this Owner's Re manner for any pe	Company of g the period edge and his Owner's pressed or port.
	Allein	Comn		87728,	NC.853, A-1	v-I
	Inspector's Signature				A MERINAR O ONA MAN	

1.	Owner Address	Duke Power Comp 422 S. Church St.,	any Charlotte NC 28201				1a. Date She	e <u>September 19, 1</u> et <u>1</u> of	the second s
2.	Address	the second se	y Road, Huntersville NC 28	078					
2a	Unit	Ø1 □2 □1 and	1 2 Shared						
3.	Address		Charlotte NC 28201	Expiration Date N/A				# <u>90073136 (Clas</u> Repair Organiza # <u>N/A</u>	the second s
4. 5.	(a) Appli	cable Construction	NC - Reactor Coolant Code ASME III 1971 Edition					Co	de Cases
6.			tion XI Utilized for Repairs Repaired or Replaced and			за			
		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e 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	11	INCVA0014	Walworth	C-55208	26	Model# A9696-M-65-D	1971	Repaired     Replacement     Replaced	□ No ☑ Yes
В								Repaired     Replacement     Replaced	□ No □ Yes
C								Repaired	D No

 Image: Sector of the sector

D

E

F

0

### 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 o	lisc			
8.		ucted: Hydrostatic DF		Nominal Operating	Pressure ØOther	Exempt D
		Pressure	psig	Test Temp.	٥F	
		Pressure	psig		°F	
		Pressure	psig	Test Temp.	۰F	
	Remarks _					
		(Applicable Mar	iufacturer's Dat	a Reports to be atta	ched)	
		(	CERTIFICATE	OF COMPLIANCE		
on	We certify forms to the	that the statements n e rules of the ASME (	nade in the repo Code, Section X	ort are correct and the	his <u>repair or replacer</u>	nent
YF	e Code Syr	mbol Stamp <u>N/A</u>				
e	tificate of A	uthorization No. N/A		Ex	piration Date N/A	
Sig	ned K.H.	Owner or Ow	Grass Jr / Tech mer's Designee	nical Specialist_Da , Title	te <u>9/19/</u> , 19 <u>9</u> 5	
	General and a second	CERT	FICATE OF IN	SERVICE INSPEC	rion	
Ve: Ha Del Re mi	ssel Inspect tford Conne 4-/2-90 lief, the Owr port in acco By signing blied, conce thermore, r	hed, holding a valid c ors and the State or F acticut have inspected to $g-19$ her has performed exist rdance with the require this certificate neither ming the examination heither the Inspector r mage or a loss of any	Province of Non the component aminations and rements of the province of the Inspector and corrective for his employe	th Carolina and emp its described in this _, and state that to taken corrective me ASME Code, Section nor his employer ma e measures describ r shall be liable in a	oloyed by <u>HSBI and I</u> Owner's Report during the best of my known easures described in n XI. akes any warranty, e ed in this Owner's Report my manner for any po	Company of ng the period vledge and this Owner's xpressed or eport.
	R	Klein			8,NC853,A	-N-I
	Inspec	tors Signature			ate, Province and Er	
		19 ,1995				



1.	Owner Duke Power Company		1a. Date September 18,1995
	Address 422 S. Church St., Charlotte NC 28201		Sheet <u>1</u> of <u>1</u>
2.	Plant McGuire Nuclear Station Address 12700 Hagers Ferry Road, Huntersville NC 28078		
2a	a. Unit 2 1 1 and 2 Shared		
3.	1 martine and the second se	За.	Work Order # 92077287 (Class A)
	Address 422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM #_N/A
4.	Identification of System NI - Safety Injection		그는 그는 것을 가 물었다. 영화 등 것을 했을
5.	(a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Ad	Idenda, NONE	Code Cases
	(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no.	Addenda	

	Column 1	Column 2	Column 3	Col. 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	1MNIVA0071	Atwood & Morrill	4-15436-01	1366	item# 04J-054	1986	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E		40.00					Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ 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.

	eplaced body to bonnet	bolding
8. Test Conducted: Hydro:	static DPneumatic D	Nominal Operating Pressure ØOther D Exempt D
Pressu	or inclusion the international contents of	Test TempF
Pressu	and the second s	Test Temp
Pressu	ure psig	Test Temp
9. Remarks		
(Applic	able Manufacturer's Dat	ta Reports to be attached)
NAN TIMO AND	CERTIFICATE	OF COMPLIANCE
We certify that the state conforms to the rules of the	ements made in the report ASME Code, Section >	ort are correct and this <u>repair or replacement</u> (I.
Type Code Symbol Stamp	<u>N/A</u>	
Certificate of Authorization		
	NO. MA	Expiration Date N/A
1.4.1	이 가슴 옷을 다 가지 않는 것을 수요.	
Signed How Q	F L Grass Jr / Tech	nnical Specialist Date 9/18/. 1925
Signed Have Q	이 가슴 옷을 다 가지 않는 것을 수요.	nnical Specialist Date 9/18/. 1925
Signed Have Q	F L Grass Jr / Tech er or Owner's Designee	nnical Specialist Date 9/18/. 1925
Signed How P Own I, the undersigned, holding a Vessel Inspectors and the S Hartford Connecticut have i 10-12-92 to belief, the Owner has perfor Report in accordance with the By signing this certificat implied, concerning the exa Furthermore, neither the Ins	F L Grass Jr / Tech er or Owner's Designee CERTIFICATE OF IN a valid commission issue tate or Province of Non nspected the componen Y-/S-9.5 med examinations and he requirements of the te neither the Inspector minations and corrective spector nor his employe is of any kind arising fro	Anical Specialist Date <u>9/18</u> , 19 <u>25</u> b, Title <b>ISERVICE INSPECTION</b> red by the National Board of Boiler and Pressure th Carolina and employed by <u>HSBI and I Company</u> of hts described in this Owner's Report during the period , and state that to the best of my knowledge and taken corrective measures described in this Owner's

- 1. Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201
- 2. Plant McGuire Nuclear Station Address 12700 Hagers Ferry Road, Huntersville NC 28078 2a. Unit
- 1 12 1 and 2 Shared
- 3. Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201 Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

1a. Date September 21, 1995 Sheet 1 of 1

Code Cases

3a. Work Order # 93010696 (Ciass A) Repair Organization Job # NSM or MM # N/A 3b.

4. Identification of System NC - Reactor Coolant

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NONE (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda

	Column 1	Column 2	Column 3	Col. 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	1MNCVA0001	Crosby	N56925-00-0001	25	model# HB-BP-86	1975	Repaired     Replacement     Replaced	□ No ☑ Yes
B							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ 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.

8		f Work Replaced nut				
<i>.</i>	Test Conduct	ted: Hydrostatic DPn			Pressure DOther	Exempt 🗆
		Pressure	psig	Test Temp.		
		Pressure _	psig	Test Temp.	<u>•</u> F	
		Pressure _	psig	Test Temp	°F	
	Remarks					
	7 N 7	(Applicable Manu	facturer's Data	Reports to be atta	ched)	
		CE	RTIFICATE O	F COMPLIANCE		
cor	We certify the	at the statements ma ules of the ASME Co	de in the report de, Section XI.	are correct and th	is <u>repair or replacen</u>	nent
ſyŗ	be Code Symb	ol Stamp <u>N/A</u>				
Cer	tificate of Auth	horization No. N/A		Exp	iration Date N/A	
	1/ M	0	and the CT and the		heling	
sig	ned TA A	Owner or Own	er's Designee,	ical Specialist Dat	9/22/, 19 <u>95</u>	
-	Na mini ang kana na mang kana na mang kana na ka	office of office	or o boorgroot,		****	din internet of Chemical Street, of the Ref.
, and the second	il profiladoratori das de Sanadoras dal Polanda	CERTIF	ICATE OF INS	ERVICE INSPECT	ION	an thailen a's Abb na Airth a
	ssel Inspectors	d, holding a valid con and the State or Pro icut have inspected t	he components	Carolina and emp described in this	oyed by <u>HSBI and I</u> Dwner's Report durin the best of my know	Company of g the period edge and
Har beli Rep imp Fur	ief, the Owner port in accorda By signing thi blied, concerning thermore, neit	has performed exam ance with the requirer is certificate neither t ng the examinations ther the Inspector nor ge or a loss of any ki flew s Signature	ments of the AS he Inspector no and corrective r his employer s nd arising from _Commissions	ken corrective me SME Code, Section in his employer ma measures describe shall be liable in an or connected with MB 7 728.	XI. kes any warranty, ex d in this Owner's Re y manner for any pe this inspection.	pressed or port. rsonal injury
Har beli Rep imp Fur	ief, the Owner port in accorda By signing thi blied, concerning thermore, neit property dama Inspector	has performed exam ance with the requirer is certificate neither t ng the examinations ther the Inspector nor	ments of the AS he Inspector no and corrective r his employer s nd arising from _Commissions	ken corrective me SME Code, Section in his employer ma measures describe shall be liable in an or connected with MB 7 728.	XI. kes any warranty, ex d in this Owner's Re y manner for any pe this inspection. NCS53, A-1	pressed or port. rsonal injur

0

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Address	Duke Power Comp 422 S. Church St.,	any Charlotte NC 28201					1a. Date Sheet	September 21, 1 of	1995 1
	Plant Address		y Road, Huntersville NC 28	078						
2a.	Unit	Ø 1 □2 □ 1 and	2 Shared							
3.		formed By Duke P				3	a. Wor	k Order #	93010701 (Cla	ss A)
	Address	422 S. Church St.,	Charlotte NC 28201						Repair Organiz	ation Job #
	Type Coo	te Symbol Stamp N/	A Authorization No. N/A	Expiration Date N/A		3	D. NSA	A or MM #	N/A	
4.	Identifica	tion of System	NC - Reactor Coolant							
		-	Code ASME III 1971 Editio	on, Summer and Winte	r Addenda.	NONE			C	ode Cases
			tion XI Utilized for Repairs of	and the second se		<ul> <li>Records a deservation of the second contraction of the second contract on the</li></ul>				040 04303
6.			Repaired or Replaced and	· · · · · · · · · · · · · · · · · · ·						
T		Column 1	Column 2	Column 3	Col. 4	Colum	n 5	Col 6	Column 7	Column
	hlam	a of Component	Name of Manufacturer	Manufacturar Carial	Mational	Othersldand	10	11/		1.0100 0

	Column	Column 2	Column 5	001.4	Columna	1000	Column /	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	1MNCVA0002	Crosby	N56925-00-0002	26	model# HB-BP-86	1975	Repaired     Replacement     Replaced	□ No Ø Yes
B							Repaired     Replacement     Replaced	□ No □ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	D No Ves
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

G

	ion of Work Replaced nut		And and a state of the second state of the sec	A REAL PROPERTY AND ADDRESS OF A DREAM AND ADDRESS OF ADDRES	IN MARTINE COMPANY AND ADDRESS OF THE OWNER
<ol><li>Test Cor</li></ol>	nducted: Hydrostatic DPn	eumatic D N	Iominal Operating	Pressure ØOther	Exempt 🗆
	Pressure	psig	Test Temp.		
	Pressure	psig	Test Temp.	°F	
	Pressure	psig	Test Temp	٥F	
9. Remarks	S				
	(Applicable Manu	facturer's Data	Reports to be atta	ched)	
	CE	RTIFICATE O	F COMPLIANCE		
	ify that the statements ma the rules of the ASME Co			iis <u>repair or replacen</u>	nent
Type Code S	Symbol Stamp <u>N/A</u>				
Certificate of	f Authorization No. N/A		Evr	piration Date N/A	
	and the second se		CX;	ination bate Inn	
Signed	Hay & FLG	rass Jr / Techn er's Designee,	ical Specialist Dat		
Signed 7	Han Cowner or Owner	er's Designee,	ical Specialist Dat	e <u>9/21/</u> , 19 <u>95</u>	
I, the unders Vessel Inspe Hartford Con 3-17-9 belief, the Or Report in acc By signir implied, cond Furthermore	ERTIF Gigned, holding a valid con ectors and the State or Pro necticut have inspected t	ICATE OF INS INTERISTICATE OF INS INTERIOR OF INS INTERISTICATE OF INS I	ERVICE INSPECT d by the National E <u>Carolina</u> and emp s described in this , and state that to aken corrective me SME Code, Section or his employer ma measures describes shall be liable in ar	e <u>9/21/</u> , 19 <u>25</u> TION Coard of Boiler and P loyed by <u>HSBI and I</u> Owner's Report durin the best of my know asures described in m XI. tikes any warranty, et ed in this Owner's Re by manner for any pe	<u>Company</u> of ng the period ledge and this Owner's xpressed or eport.
I, the unders Vessel Inspe Hartford Con 3-/7-9 belief, the Or Report in acc By signir implied, cond Furthermore	FLG Owner or Owner CERTIF signed, holding a valid com ectors and the State or Pro- mecticut have inspected to to 4 2000 to 4 2000 to 2	ICATE OF INS INTERISTICATE OF	ERVICE INSPECT d by the National E <u>Carolina</u> and emp s described in this , and state that to aken corrective me SME Code, Section or his employer ma measures describe shall be liable in ar n or connected with	e <u>9/21/</u> , 19 <u>25</u> TION Loard of Boiler and P loyed by <u>HSBI and I</u> Owner's Report durin the best of my know asures described in n XI. tkes any warranty, et ed in this Owner's Re by manner for any per this inspection.	<u>Company</u> of ng the period dedge and this Owner's xpressed or eport. ersonal injury
Vessel Inspe Hartford Con 3-12-9 belief, the Or Report in acc By signir implied, cond Furthermore or property d	FLG Owner or Owner CERTIF signed, holding a valid com ectors and the State or Pro- mecticut have inspected to to 4 2000 to 4 2000 to 2	ICATE OF INS INTERIST OF INS I	ERVICE INSPECT d by the National E <u>Carolina</u> and emp s described in this , and state that to aken corrective me SME Code, Section or his employer ma measures describe shall be liable in ar n or connected with	e <u>9/21/</u> , 19 <u>25</u> TION Coard of Boiler and P loyed by <u>HSBI and I</u> Owner's Report durin the best of my know asures described in m XI. tikes any warranty, et ed in this Owner's Re by manner for any pe	<u>Company</u> of ng the period dedge and this Owner's xpressed or eport. ersonal injury



#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.		er Company				la. Date	September 21, 1	1995
	Address 422 S. Chu	urch St., Charlotte NC 28201				She		
2. 2a	Address 12700 Hag	luclear Station lers Ferry Road, Huntersville NC 1 and 2 Shared	28078					
3.	Address 422 S. Chu	Duke Power Company urch St., Charlotte NC 28201 Stamp N/A Authorization No. N//	A Expiration Date N/A				# <u>93021490 (Clas</u> Repair Organiza #_MGMM-3671	
4.	Identification of Syste							
5.		ruction Code ASME III 1971 Ed					Co	de Cases
6.		n of Section XI Utilized for Repai ponents Repaired or Replaced an			18			
	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Compo	onent Name of Manufacture	er Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	1MNIVA0065E	B Walworth	C57172	195	model# 5272 WE PS item# 04J-005	1975	Repaired Replacement Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

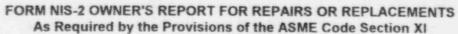
7. Descripti	ion of WorkMachined bon	inet			and the second
8. Test Cor	nducted: Hydrostatic DPn			g Pressure ØOther I	Exempt
	Pressure _	psig	Test Temp.		
	Pressure _	psig	Test Temp.		
	Pressure _	psig	Test Temp.	<u></u>	
). Remarks	B				
	(Applicable Manu	facturer's Data	Reports to be at	tached)	
	CE	RTIFICATE O	F COMPLIANCE	1	
We certif	fy that the statements ma the rules of the ASME Co	de in the reported at the section XI.	t are correct and	this <u>repair or replace</u>	ement
Type Code S	Symbol Stamp <u>N/A</u>				
Certificate of	Authorization No. N/A		E	xpiration Date N/A	
1	01 0	irass Jr / Techa er's Designee,	ical Specialist D	xpiration Date <u>N/A</u> ate <u>9/22/</u> , 19 <u>25</u>	
Signed 3	FLG Owner or Own	er's Designee,	ERVICE INSPEC	ate 9/22/, 1925	
Signed Si	FLG Owner or Own CERTIF igned, holding a valid con ctors and the State or Pro inecticut have inspected t	ICATE OF INS ICATE OF INS INTERISTICATE OF INS INTE	ERVICE INSPEC d by the National <u>Carolina</u> and em s described in this , and state that the aken corrective most code, Section of his employer most code in the section of t	ate <u>9/22/</u> , 19 <u>25</u> CTION Board of Boiler and poloyed by <u>HSBI and</u> s Owner's Report du to the best of my kno heasures described i ton XI. makes any warranty, bed in this Owner's I any manner for any	I Company of ring the period wiledge and n this Owner's expressed or Report.
Signed I, the undersite Vessel Inspetion Hartford Con Report in accord By signing implied, cond Furthermore, or property d	FLG Owner or Own CERTIF igned, holding a valid com ictors and the State or Pro- inecticut have inspected to the spectrum of the second of the word has performed exam- cordance with the required by this certificate neither the cordance with the required ing this certificate neither the cordance with the required ing this certificate neither the cerning the examinations in neither the Inspector nor amage or a loss of any king and the sector's Signature	ICATE OF INS ICATE OF INS INTERIST OF INS INTE	ERVICE INSPECT d by the National <u>Carolina</u> and em s described in this , and state that the aken corrective model SME Code, Section of his employer in measures described in an or connected with the or connected with MB772	ate <u>9/22/</u> , 19 <u>25</u> CTION Board of Boiler and poloyed by <u>HSBI and</u> s Owner's Report du to the best of my kno heasures described i ton XI. makes any warranty, bed in this Owner's I any manner for any	<u>I Company</u> of ring the period wiedge and n this Owner's expressed or Report. personal injury A - N - 1

FORM NIS-2 OWNER'S REPOR . FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

	Name of Compo	onent Na	me of Manufacturer	Manufacturer Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or	ASME Code Stamped
	Column 1		Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
6.	(b) Applicable Edition Identification of Com	n of Section X ponents Repa	I Utilized for Repairs ired or Replaced and	or Replacements 1986 Replacement Compon	, no Addend ents	da			
5	(a) Applicable Const	Iruction Code	ASME IIL 1971 Editio	on. Summer and Winte	r Addenda,	NONE		C	ode Cases
	Identification of Syste		IV						
	Address <u>422 S. Chi</u> Type Code Symbol S	stamp N/A A	uthorization No. N/A	E:ciration Date N/A				Repair Organiz	ation Job #
3.	Work Performed By	Duke Power	Company			38 Wor	k Order	930280	24-02
2a			Shared	are.					
2.		Nuclear Statio	n ad. Hunterville NC 280	176					
1.		er Company urch St., Cha	totte NC 28201				1a. Date She	and a start of the second of the second	3
								the second se	A Republic to the Design of Concepts Index of the Party o

			Number	Board Number		Built	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	1-NV-14	ALOYCO WALWORTH	A0659	237	NA	74	Repaired Replacement Replaced	No No Yes
B							Repaired Replacement Replaced	O No Ves
							Repaired Replacement Replaced	O No Yes
D							Repaired     Replacement     Replaced	O No Ves
E				erk.			Repaired Replacement Replaced	D No D Yes
F							Repaired	D No D Yes

	Description	of Work REPL	ACED 6	Studs 1	ROM	nett	TO KALI
8	Test Conduc	Aed. Hydrostatic L	Pneumatic	Nominal Open	ating Pres	ssure 00	ther E Exempt
		Flessure	psig	Test Tem	ıp	oF	and an international and
		Pressure	psig	Test Tem	Mainton and a state	oF	
		Pressure	DSIQ	Test Tem	Ip	oF	
9.	Remarks						
	_	an canada kata kata manangan kata kata kata kata kata kata kata ka				FINIT, AND BUILDING AND	Na ny salah katalah kat Managan katalah
		(Applicable M	anufacturer's Da	ta Reports to be	attached	1)	
-		an an a bear an	CERTIFICATE	OF COMPLIAN	NCE	And the second second second	anna ann an an an an an ann an ann an an
201	We certify the	at the statements rules of the ASME	made in the rep Code, Section )	ort are correct a	and this re	epair or re	placement
y	pe Code Symi	ol Stamp N/	IA.				
-		in oranip in					
		horization No. N/			Expirati	on Date	N/A
Ce		horization No. N		Suceincist Thie			
Ce	rtificate of Aut	horization No. N Advance Owner or O	DA TECHNERE Wher's Designed	, Title	_Date_9	// 19 <u>9</u>	
Ce Sig	ne undersigne ssel Inspector und Connect und Connect und Connect und Connect und Connect und Connect	horization No. N Owner or C CER d, holding a valid s and the State or item have inspect to 5-24 has performed e	A <u>DA</u> <u>TECHNERC</u> wmer's Designed TIFICATE OF IN commission issu Province of <u>Nor</u> ed the component <u>1-95</u> xaminations and	ed by the Natio th Carolina and ths described in , and state th taken corrective	Date 9 PECTION onal Board employed this Own this Own	d of Boiler d by <u>HSB</u> er's Repo	r and Pressure 1 and I Company of and during the period
Ce Sig . th Ha Del Re	ne undersigne ssel Inspector rtford Connect 4-12-43 ief, the Owner port in accord By signing th plied, concern rthermore, nei	horization No. N. Owner or C CER d, holding a valid s and the State or light have inspect to 5-24 thas performed en ance with the requires is certificate neithing the examination	TIFICATE OF IN commission issue Province of Non ed the component staminations and interments of the er the inspector ons and corrective nor his employe	e, Title ISERVICE INSE and by the Natio th Carolina and tts described in , and state the taken corrective ASME Code, Se nor his employed the measures des r shall be liable	Date PECTION onal Board employe this Own at to the live measure ection XI. er makes scribed in in any m	d of Boiler d of Boiler d by <u>HSB</u> er's Repo best of my res descril any warra this Own anner for	r and Pressure 1 and I Company of in during the period y knowledge and bed in this Owner's anty, expressed or ter's Report. any personal injury



1.	Owner Address	Duke Power Comp 422 S. Church St.,	Dany Charlotte NC 28201				1a. Date She	e <u>September 21,</u> et <u>1</u> of	and the second se
2. 2a	Plant Address Unit	McGuire Nuclear S 12700 Hagers Ferr ☑ 1 □2 □ 1 and	ry Road, Huntersville NC 28	1078					
3.	Address		Power Company Charlotte NC 28201 //A Authorization No. N/A	Expiration Date N/A			k Order I or MM	# <u>93029331 (Clas</u> Repair Organiza # <u>N/A</u>	
4. 5. 6.	(a) Applie (b) Applie	cable Construction ( cable Edition of Sec	NC - Reactor Coolant Code <u>ASME III</u> 19 <u>71</u> Edition Ction XI Utilized for Repairs Repaired or Replaced and	or Replacements 1989.	no Adden			Co	ode Cases
<b></b>	T	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	11	INCVA0094	Kerotest	OCA3-4	14842	model# DP-D-9909-1 item# 9J-016	1977	Repaired     Replacement     Replaced	□ No ☑ Yes
В								Repaired     Replacement     Replaced	□ No □ Yes
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired     Replacement     Replaced	□ No □ Yes
F								Dessiond	10

 Replaced
 No

 Replacement
 Yes

 Replaced
 No

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

E

F

ο.	Tool Cond.	n of Work Replaced y				
	Test Condi	ucted: Hydrostatic DF Pressure		Nominal Operating	Pressure ØOther	Exempt
		Pressure	psig	Test Temp.	°F	
		Pressure	psig psig	Test Temp Test Temp.	<u>•</u> F	
		riessure	psig	rest remp.	<u> </u>	
Э.	Remarks _					
		(Applicable Mar	nufacturer's Data	Reports to be attain	ched)	
		(		F COMPLIANCE		
onf	We certify forms to the	that the statements m e rules of the ASME C	nade in the repo Code, Section XI	rt are correct and th	is <u>repair or replacen</u>	nent
Гур	e Code Syr	mbol Stamp <u>N/A</u>				
Cert	ificate of A	uthorization No. N/A		Exp	iration Date N/A	
	1 pr	11				
sign	ned TAK	FL FL	Grass Jr / Tech	nical Specialist Dat	e <u>9/22/</u> , 19 <u>95</u>	
		/ Owner or Ow	ner's Designee,	litle		
	NA WARMAN AND AND AND A MARKED AND A MARKED AND A MARKED AND A MARKAD AND A MARKAD AND A MARKAD AND A MARKAD AN	CERTI	FICATE OF INS	ERVICE INSPECT	ION	NA TATA DI LA DALLA D
		CENT	FICATE OF INC	SERVISE INSPECT	IGN	
Vess Hart	sel Inspecto	ned, holding a valid co ors and the State or P acticut have inspected to	rovince of North	s described in this (	oved by HSBI and I	Company of
Rep	of, the Own	er has performed exa rdance with the requir	ements of the A	aken corrective me SME Code, Sectior	asures described in t	this Owner's
mpi Furt	hermore, n	this certificate neither rning the examination either the Inspector n nage or a loss of any	s and corrective or his employer	measures describe shall be liable in an	d in this Owner's Re v manner for any pe	port.
	ADK	lein		SNB77281	UC853 A-	and the second data in the second s
Same	Inspect	tor's Signature		National Board, Sti	ate, Province and En	dorsements
- Same	7					

# \*

#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Address	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date <u>October 4, 1995</u> Sheet <u>1</u> of <u>1</u>
2.	Plant Address	McGuire Nuclear Station 12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.		formed By Duke Power Company	За.	Work Order # 93061796 (Ci2ss A)
		422 S. Church St., Charlotte NC 28201 de Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	Repair Organization Job # NSM or MM #NA

Code Cases

4. Identification of System NC - Reactor Coolant

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

T	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Seriai Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	1MNCVA0036B	Control	15958-1-3	003	model# 118760	1975	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

0	Description	n of Work Replaced s	MITTER W	and the second se		A REAL PROPERTY AND A REAL
£.4		ucted: Hydrostatic DF		Nominal Operating	Pressure ØOther	Exempt 🗆
		Pressure	psig	Test Temp.		
		Pressure	psig	Test Temp.	°F	
		Pressure	psig	Test Temp.	°F	
).	Remarks					
		(Applicable Mar	nufacturer's Data	Reports to be att	ached)	
				F COMPLIANCE		
or		that the statements n e rules of the ASME 0			this <u>repair or replacer</u>	<u>nent</u>
y	be Code Sy	mbol Stamp <u>N/A</u>				
e	rtificate of A	Authorization No. N/A		E	piration Date N/A	
	4 / 1					
Sig	ned The	Owner or Ov	Grass Jr / Tech vner's Designee,	nical Specialist_D Title	ate 10/4/, 19 <u>9</u> 5	
Sig	ned A	/ Owner or Ov	vner's Designee,	nical Specialist D Title SERVICE INSPEC		
, ti Ve: Ha Del Re mi	he undersig ssel Inspect rtford Conn SCLS ief, the Ow port in acco By signing polied, conce rthermore, i	CERT CERT CERT CERT CERT Constant of the state of F <u>ecticut</u> have inspected <u>ecticut</u> have inspector for <u>ecticut</u> have inspector for <u>ecticut</u> have inspector for <u>ecticut</u> have inspector for <u>ecticut</u> have inspector for	FICATE OF IN ommission issue Province of North d the component 4 - 95 aminations and the rements of the A are the Inspector re- has and corrective mor his employer	BERVICE INSPECt ad by the National <u>h Carolina</u> and em ts described in this , and state that the taken corrective m SME Code, Section for his employer n e measures descri- shall be liable in	ETION Board of Boiler and F ployed by <u>HSBI and I</u> s Owner's Report duri o the best of my know heasures described in on XI. hakes any warranty, e bed in this Owner's R any manner for any p	Company of ng the period viedge and this Owner's expressed or eport.
Ha bel Re imj	he undersig ssel Inspect rtford Conn 825 ief, the Ow port in acco By signing plied, conce thermore, n property da	CERT ned, holding a valid c tors and the State or F <u>ecticut</u> have inspected <u>-93</u> to <u>10-0</u> ner has performed ex- ordance with the requi this certificate neither erning the examination	FICATE OF IN ommission issue Province of North d the component 4 - 95 aminations and the rements of the A are the Inspector re- has and corrective mor his employer	BERVICE INSPECt ad by the National <u>h Carolina</u> and em- ts described in this , and state that t aken corrective m SME Code, Section for his employer n e measures descri- shall be liable in m or connected with the MBTTC	ETION Board of Boiler and F ployed by <u>HSBI and I</u> s Owner's Report duri o the best of my know heasures described in on XI. hakes any warranty, e bed in this Owner's R any manner for any p	Company of ng the period viedge and this Owner's expressed or eport. ersonal injury

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

As Required by the Provisions of the ASME Code Section XI

-					18	. Date	October 4, 1995	
	Owner         Duke Power Compa           Address         422 S. Church St., C	ny Charlotte NC 28201				Sheet		
а.	Plant     McGuire Nuclear Str       Address     12700 Hagers Ferry       Unit     ☑ 1 □2 □ 1 and	Road, Huntersville NC 200	078		3a. Work	Order #	93071867 (Class	A)
	Work Performed By Duke Perfore		Expiration Date <u>N/A</u>			or MM #	Repair Organizati	on Job #
4.		IC - Reactor Coolant	Summer and Winter	Addenda,	NONE		Coc	te Cases
5.	<ul> <li>(a) Applicable Construction C</li> <li>(b) Applicable Edition of Sector</li> <li>Identification of Components</li> </ul>	tion XI Utilized for Repairs of Repaired or Replaced and	or Replacements 1989, Replacement Compone	no Addeno ents	la			
6.	Identification of Components				Column 5	Col 6	Column 7	Column 8
-	Column 1	Column 2	Column 3	Col. 4 National	Other Identification	Year	Repaired,	ASME Coo
-	Name of Component	Name of Manufacturer	Manufacturer Serial Number	Board	Other Identification	Built	Replaced, or Replacement	Stamped (yes or no
				Number		-	Repaired	D No
Ą	1MNCVA0032B	Control	15958-1-1	001	model# 118760	1975	Replacement     Replaced	🗹 Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	O No Yes
			and the second second			+	Repaired	D No
D					1.1.1.1.1.5		Replacement     Replaced	
						1	C Repaired	D No
E	-	Sector sectors			1		Replacement     Replaced	
							Repaired	D No
F			10.12.12.2	1960	1.5.1		Replacement     Replaced	Yes

	Description	of Work machined bo	nnet					
8.	Test Conducted: Hydrostatic DPneumatic Nominal Operating Pressure 20ther Exempt D							
		Pressure	psig	Test Temp.	°F			
		Pressure	psig	Test Temp.	٥F			
		Pressure	psig	Test Temp.	<u> </u>			
).	Remarks							
		(Applicable Manut	facturer's Data	Reports to be atta	ached)			
		CE	RTIFICATE C	F COMPLIANCE				
:0	We certify nforms to the	that the statements man e rules of the ASME Con	de in the repoi de, Section XI	rt are correct and t	his <u>repair or replacement</u>			
Гу	pe Code Syr	mbol Stamp <u>N/A</u>						
Ce	rtificate of A	uthorization No. N/A		Ex	piration Date N/A			
	11	21						
Sig	ined The	HAND G FLG	rass Jr / Techi	nical Specialist Da	te 10/4/, 1925			
	and the second statement of the second	Owner or Owne	er's Designee,	Title				
			CATE OF IN					
		CERTIFI	CATE OF INS	SERVICE INSPEC	TION			
Ve Ha be	ssel Inspect rtford Conne 2-7-9 lief, the Owr port in acco By signing	ors and the State or Pro acticut have inspected to to to her has performed exam rdance with the requirer this certificate neither to rning the examinations	bvince of <u>North</u> the component 	Carolina and emp s described in this , and state that to aken corrective m SME Code, Section or his employer m	akes any warranty, expressed or			
Fu	rthermore, r	neither the Inspector nor mage or a loss of any ki		shall be liable in a	ny manner for any personal injury			

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

	Name of Compone	nt Name of Manufacturer	Manufacturer Serial Number	National Board	Other Identificati	on Year Suilt	Repaired, Replaced, or	ASME Code Stamped
-	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
4 5. 6.	(b) Applicable Edition of Identification of Compo	tion Code <u>ASME III 1971</u> Edition of Section XI Utilized for Repairs ments Repaired or Replaced and	or Replacements <u>1986</u> Replacement Compon	no Addendents	da			ode Cases
3		h St., Charlotte NC 28201	Expiration Date N/A			Nork Order	Repair Organiz	the second design of the secon
2. 28	Plant <u>McGuire Nuc</u> Address <u>12700 Hagen</u> Unit <u>Q 1 Q 2</u>	iear Station 5 Ferry Road, Hunterville NC 280 1 1 and 2 Shared	078				0	~ ~
1.	Owner Duke Power Address 422 S. Churc	Company h St., Charlotte NC 28201				1a. Date Shee	2-1-9	4

			Number	Number	MC 31475	Sull	Replaced, or Replacement	(yes or no)
A	Stewm Gen 1.A	Westinghouse	1461	68-107	Nut - H+ VAB9-2 Stud- NT X9317-2		Repaired Replacement Replaced	□ No © Yes
8					me 32147		Repaired Replacement Replaced	No Ves
С							Repaired     Replacement     Replaced	O No Yes
D							Repaired     Replacement     Replaced	O No Yes
E				54			Repaired	D No D Yes
F							Repaired	O No Yes

7. Descript	tion of Work Replac	ed mani	van boly	na on SGIA
8. Test Co	nducted: Hydrostatic 🖸 P	neumatic 🖸 N	ominal Operatin	g Pressure Other Exempt
	Pressure	psig	Test Temp.	٥F
	Pressure	psig	Test Temp.	The second se
	Pressure	psig	Test Temp.	<u>•</u>
9. Remark	S			
	(Applicable Manu	facturer's Data	Reports to be at	tached)
	CE	RTIFICATE OI	COMPLIANCE	1
We certi conforms to	ify that the statements may the rules of the ASME Co	de in the report de, Section XI.	are correct and	this repair or replacement
Type Code S	Symbol Stamp N/A			
Certificate of	f Authorization No. N/A		E	xpiration Date N/A
Signed	25 Bare		D	ate 2-14, 1994
and an or statement of the second statement of the sec	" Owner or Owne	r's Designee, 1	itle	
INFA. ADDRESSION OF THE PERSON ADDRESS	AFATIC	0495 05 W101		
	CERTIFI	CATE OF INSI	ERVICE INSPEC	TION
Hartford Con 2-3 belief, the O Report in ac By signir implied, con Furthermore	mecticut have inspected to <u>necticut</u> have inspected to <u>-94</u> to <u>8-23-</u> wher has performed exam cordance with the requirer ing this certificate neither to cerning the examinations	he components <u>45</u> inations and ta nents of the AS he Inspector no and corrective is his employer s	Carolina and em described in this , and state that t ken corrective m iME Code, Secti r his employer m measures descri hall be liable in a	nakes any warranty, expressed or bed in this Owner's Report. any manner for any personal injury
Rob	Klein			NCS53 A.N.I
	ector's Signature			State, Province and Endorsements
Date 80	23.45 1995			

# FORM NIS-2 OWNER'S REPOR : FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201		1a. Date Shee	
	Plant <u>McGuire Nuclear Station</u> Address <u>12700 Hagers Ferry Road. Hunterville NC 28078</u> Unit <u>D 1 D 2 D 1 and 2 Shared</u>			
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stemp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b		94005991 Repair Organization Job #
5.	Identification of System <u>ACC</u> (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Adde (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u> , no Ad Identification of Components Repaired or Replaced and Replacement Components	enda. <u>~~~~</u> Idenda		Code Cases

-	Column 1	CORMIN 2	Column 3	COL 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification mc 31475	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Steam Generator 1B	adstinghouse	1462	68-108	Nut H+ AB9-2 Hud K9317-1	1973	Repaired Replacement Replaced	No No Yes
8		5					Repaired     Replacement     Replaced	□ No □ Yes
С							<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	O No Yes
D							Repaired     Replacement     Replaced	O No Ves
E				5.¥			C Repaired	O No Ves
F							C Repaired	D No D Yes

	n of Work Kepl	and bo	Hinalma	nuay) on SG1B			
8. Test Cond	ucted: Hydrostatic D Pr	neumatic 🖸 N	Iominal Operation	ng Pressure Other Exempt			
	Pressure	psig	Test Temp.	oF			
	Pressure	psig	Test Temp.				
	Pressure	psig	Test Temp.	96			
9 Remarks							
(Applicable Manufacturer's Data Reports to be attached)							
	CE	RTIFICATE O	F COMPLIANC	E			
We certify conforms to the	that the statements made e rules of the ASME Coo	te in the report te, Section XI.	are correct and	this repair or replacement			
Type Code Syn	mbol Stamp N/A						
Certificate of A	Authorization No. N/A		E	Expiration Date N/A			
Signed	ES Bar			Date 214. 1994			
THE REAL PROPERTY AND A DESCRIPTION OF THE	" Owner or Owne	r's Designee,	Title	and the second			
CARACTERISTIC AND INCOMENDATION OF THE OWNER	CEDTIC	CATE OF ING					
Vessel Inspect Hartford Conne /24-44 belief, the Own Report in acco By signing implied, conce Furthermore, r or property dar	ned, holding a valid com ors and the State or Pro acticut have inspected to to <u>2-49-9</u> her has performed exam indance with the requirem this certificate neither the ming the examinations a	mission issued vince of North the components $\mathcal{A}$ inations and ta nents of the As ne inspector no and corrective his employer s nd ansing from _Commissions	<u>Carolina</u> and end described in the aken corrective SME Code, Sec or his employer measures desc shall be liable in or connected w	I Board of Boiler and Pressure mployed by <u>HSBI and I Company</u> of its Owner's Report during the period to the best of my knowledge and measures described in this Owner's tion XI. makes any warranty, expressed or ribed in this Owner's Report.			
Date 8	-23.1995		a de segue sons qua de segue son de segue se				

FORM NIS-2 OWNER'S REPOR . FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1.	Owner Duke Power Con					1a. Dal	te <u>Z-19-94</u> eet <u>1</u> of	
	Address 422 S. Church S	Cherloite NC 28201				She	eel _/of	_/
1	Plant     McGuire Nuclear       Address     12700 Hagers Fe       Unit     1 2 1 1	rrv Road, Hunterville NC 28	<u>070</u>					
3	Address 422 S. Church St	Charlotte NC 28201					Repair Organiz	
	Type Code Symbol Stamp	N/A Authorization No. N/A	Expiration Date N/A		3b NSM	A or MN	IN NA	
4 5 6	(b) Applicable Edition of Se	NJ Code <u>ASME III</u> 1971 Editi ection XI Utilized for Repairs is Repaired or Replaced and	or Replacements 1986	, no Adden			c	ode Cases
	Column 1	Column 2	Column 3	Col. 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	IN 7 94	Atwood - Morrell	3-15436-01	365	TO 6947	1986	Repaired     Replacement     Replaced	No Yes
8							Repaired Replacement Replaced	O No Ves
С							Repaired     Replacement     Replaced	O No Yes
D							Repaired     Replacement     Replaced	O No Ves
E				5.4			Repaired     Replacement     Replaced	O No Ves
F							Repaired     Replacement     Replaced	🛛 No 🗆 Yes

7		Work Replac			+	
8	Test Conduct	ed: Hydrostatic 🔲	Pneumatic 🔲		Pressure Other	Exempl
		Pressure	psig	Test Temp.	Contraction of the Contraction o	_
		Pressure	psig	Test Tamp.	٥F	
		Pressure	psig	Test Temp.	oF	
9	Remarks					
			Talma belan many mandre det samme aut é parsagen e a same	an para an		and the second se
						White advances of party states party strategical and in the state
		(Applicable Mar	nufacturer's Dat	a Reports to be atta	iched)	
-		(	FRTIFICATE	OF COMPLIANCE	Nambal Subscription and Automatication and Automatications	
			ENTIFICATE	OF COMPLIANCE		
	We certify the	at the statements n	hade in the rep	ort are correct and ti	his repair or replacem	ient
con	forms to the n	ules of the ASME (	Code, Section )	(I.		-
Тур	e Code Symb	ol Stamp N/A				
Cer	tificate of Auth	nonzation No. N/A	4	Ex	piration Date N/A	
Sigr	4	Clane Z	1 Burg		and the second	
Sigi	led .	Owner or Ow	mer's Designee	Da	10-2-19. 19 <u>9</u> ¥	
PA BLANK					dan ang Kanening Kanen Pastan Pastan Ang Kang Kanang Kang Kanang Kang Kanang Kang K	
NE (K.S. THEY, SAME S	n de stanske samen sen en de sen gewenne sen seker sen en se	CERT	FICATE OF IN	SERVICE INSPEC	TION	
	Constant.				999 P.	
I, th	e undersigned	s, holding a valid c	ommission issu	ed by the National E	Board of Boiler and Pr	ressure
Har	tford Connecti	cut have inspected	the component	th Carolina and emp	owner's Report durin	Company of
12	-10-44	10 2-14-	IS	, and state that to	the best of my knowl	edge and
beli	ef, the Owner	has performed exu	aminations and	taken corrective me	asures described in t	his Owner's
Rep	By signing this	ince with the requi	rements of the	ASME Code, Sectio	n XI.	
imp	lied. concerning	s obtinicate neitre	s and correctiv	nor his employer mi	akes any warranty, ex ed in this Owner's Re	pressed or
Fur	thermore, neit	her the inspector n	or his employe	r shall be liable in a	ny manner for any per	rsonal injury
or p	property dama	ge or a loss of any	kind ansing fro	m or connected with	this inspection.	
	ADk00	ren	Commissio	ns NBJ735 A	UC153 A-N-3	Σ
	Inspector	's Signature			ate, Province and End	torsements
Dat	e_ 823	1995				

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

As Required by the Provisions of the ASME Code Section XI

1.	Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201		1a Date
2.	Plant McGuire Nuclear Station Address 12700 Hagers Ferry Road, Hunterville NC 28078		CLASS A
28	Unit D1 D2 D1 and 2 Shared		
3	Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201	3a.	Work Order # 94009844 /01 Repair Organization Job #
	Type Code Symbol Stamp N/A Authorization No. N/A Explicition Date N/A	3b	NSM or MM # N/A
4	Identification of System		
5	(a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda,	NO	Code Cases
	(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda		
6.	Identification of Components Repaired or Replaced and Replacement Components		

-	Column 1	Column 2	Column 3	Col. 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	INICR-NC-770	Duxe Power Co.	N/A	*/A	SNUBBER. S/N	1/4	Repaired Replacement Replaced	O No O Yes
8	1MPR-NC-770	DIKE POWER CO.	N/A	N/A	SHUBDON S/X	x/A	Repaired Replacement Replaced	
С	IMCR- NC-770	Dire Power Co.	n/A	NA	PILOT PIN BATING # MC 20848	NA	Repaired Replacement Replaced	P No Ves
D							Repaired     Replacement     Replaced	O No O Yes
E				et.			Repaired     Replacement     Replaced	O No Ves
F							C Repaired	□ No □ Yes

7.	Description	n of Work REPLACE	SNUBBER	AND PINOT	Pix				
8	Test Cond	ucted: Hydrostatic 🖸 P	neumatic D N	ominal Operating I	Pressure Other O	Exempt			
		Pressure	psig	Test Temp.					
		Pressure	psig	Test Temp.	٥F				
		Pressure	psig	Test Temp.	of				
9	Remarks .	SAUBBER TES	TET) PRIDE	TO INSTRU	CATION				
	(Applicable Manufacturer's Data Reports to be attached)								
	nt it make affordampers et a construier	CI	ERTIFICATE OF	COMPLIANCE	all and be being a set for a set on your or does of the set of the second or you				
col	We certify nforms to th	that the statements ma e rules of the ASME Co	ade in the report ode, Section XI.	are correct and th	is <u>repair or replacer</u>	ment			
ту	pe Code Sy	mbol Stamp N/A							
Ce	rtificate of A	Authorization No. N/A		Ext	piration Date N/A				
Sig	ned .		TECHNICAL S.	Petralist Dat Title	e <u>2/17</u> , 19 <u>8</u> 5				
-		CERTI	FICATE OF INS	ERVICE INSPECT	TION	and south made and the constitution of the data of the lattice for the second second second second second second			
Ve Hallore	ssel Inspect inford Conn 2-9-9 lief, the Own port in acco By signing plied, conce inthermore, in	ned, holding a valid co tors and the State or Pr <u>ecticut</u> have inspected <u>4</u> to <u>2-20</u> ner has performed exa ordance with the require this certificate neither eming the examinations neither the Inspector no mage or a loss of any f	rovince of North the components of the components minations and the ements of the As the Inspector no s and corrective or his employer kind ansing from	<u>Carolina</u> and emp described in this , and state that to aken corrective ma SME Code, Sectio or his employer ma measures describ shall be liable in a n or connected with	Noved by <u>HSBI and</u> Owner's Report dur the best of my know assures described in n XI. akes any warranty, o ed in this Owner's F ny manner for any p	I Company of ing the period wiedge and in this Owner's expressed or Report. personal injury			
Da	Inspec	ctor's)Signature			tate,Province and E				





#### 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 Comp	bany				1a. Date	e September 18, 1	1995
	Address	422 S. Church St.,	Chariotte NC 28201				She	et <u>1</u> of	1
2.	Address		ry Road, Huntersville NC 28	078					
2a	Unit	⊠ 1 □2 □ 1 and	d 2 Shared						
3.	Address	defense of the second of the second	Power Company Charlotte NC 28201 /A Authorization No. N/A	Expiration Date <u>N/A</u>			k Order I or MM	# <u>94013132 (Clas</u> Repair Organiza # <u>N/A</u>	the second se
4.			NI - Safety Injection						
5.			Code ASME III 1971 Edition ction XI Utilized for Repairs					Co	de Cases
6.			Repaired or Replaced and			10			
	-	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e 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	11	MNIVA0082	Atwood & Morrill	2-15436-01	364	item# 04J-054	1986	Repaired     Replacement     Replaced	□ No ☑ Yes
В								Repaired     Replacement     Replaced	□ No □ Yes
С								Repaired     Replacement     Replaced	D No Yes
D								Repaired     Replacement     Replaced	□ No □ Yes
E								Repaired     Replacement     Replaced	□ No □ Yes
F								Repaired     Replacement     Replaced	□ No □ Yes

7. Descripti	ion of Work Replaced dis	SC			
8. Test Cor	nducted: Hydrostatic DPn			ressure ØOther D Exe	empt 🗆
	Pressure	ps.g	Test Temp.		
	Pressure _	psig	Test Temp.	°F	
	Pressure	psig	Test Temp.	۰F	
9. Remarks	5				
	(Applicable Manu	facturer's Data f	Reports to be attac	hed)	
	CE	RTIFICATE OF	COMPLIANCE		
We certificonforms to t	fy that the statements ma the rules of the ASME Co	de in the report de, Section XI.	are correct and thi	s <u>repair or replacement</u>	
Type Code S	Symbol Stamp <u>N/A</u>				
Certificate of	Authorization No. N/A		Expi	ration Date N/A	
Signed <u>Ha</u>		<u>rass Jr / Techni</u> er's Designee, T	<u>cal Specialist</u> Date ītle	<u>9/18/</u> , 19 <u>95</u>	
	CERTIF	CATE OF INSE	RVICE INSPECTI	ON	antiviteine volute ave
Vessel Inspe Hartford Con 2 - 7 4 - belief, the Ov Report in acc By signin implied, cond Furthermore,	igned, holding a valid connectors and the State or Pro- inecticut have inspected to $\frac{9}{4}$ to $\frac{9}{2}$ and $\frac{9}{4}$ where has performed examinations or dance with the requirement of this certificate neither the cerning the examinations in neither the Inspector nor lamage or a loss of any king the second	by ince of North of the components 	Carolina and emplo described in this C , and state that to the ken corrective mea ME Code, Section r his employer mak measures described hall be liable in any or connected with	byed by <u>HSBI and I Com</u> wner's Report during the ne best of my knowledge sures described in this O XI. es any warranty, express d in this Owner's Report. manner for any person his inspection.	pany of e period e arid Dwner's sed or al injury
(A)	glein egior's Signature	_Commissions_ N		NC853 A - M	

### 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		1a. Date_11/94	_
	Address 422 S. Church St., Charlotte NC 28201		Sheet of	-
2	Plant McGuire Nuclear Station			
	Address 12700 Hagers Ferry Road, Hunterville NC 28076			
28	Unit D1 D2 D1 and 2 Shared			
3	Work Performed By Duke Power Company	38.	Work Order # 94013474 /01	
-	Address 422 S. Church St., Charlotte NC 28201		Repair Organization Job	#
	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b	NSM or MM # N/A	
	Type Code Symbol Stamp TYA Admonization No. THA Explication Date 1973	00		-
4	Identification of System			
6	(a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda,	NO	Code Case	s
э.	(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda	8		
	(b) Applicable Edition of Section At Onized to Hopens of Replacement Components			
6.	Identification of Components Repaired or Replaced and Replacement Components			

	Column 1	Column 2	Column 3	Col. 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	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER IMCR-NU- 851	Dere Power Co	N/A	*/4	SAUBRON	N/A	Repaired Replacement Replaced	No Ves
B	Howger IMCR-NU-851	Dike Hower Co	N/A	NA	Swubber S/N 19156	NA	Repaired Replacement Replaced	No Ves
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	O No Yes
E				erk.			Repaired     Replacement     Replaced	No Yes
F							C Repaired	O No Yes

7. Description	n of Work REPERCES	SNUBBER
8. Test Cond	ucted: Hydrostatic 🖸 Pneuma	ttic D Nominal Operating Pressure Other D Exempt D
	Pressure	
	Pressure	psig Test Temp. °F
	Pressure	osig Test Temp. °F
0.0		
9. Remarks	1857 60 PRIOR	TO REPLACEMENT
	(Applicable Manufacture	er's Data Reports to be attached)
	CERTIFIC	CATE OF COMPLIANCE
We certify conforms to th	that the statements made in the rules of the ASME Code, Se	he report are correct and this repair or replacement action XI.
Type Code Sy	mbol Stamp N/A	
Certificate of A	Authorization No. N/A	Expiration Date N/A
Signed	Owner or Owner's De	Specialist Date ulil, 1994
	CERTIFICATE	OF INSERVICE INSPECTION
vessel inspect	ecticut have inspected the con	on issued by the National Board of Boiler and Pressure of <u>North Carolins</u> and employed by <u>HSBI and I Company</u> of mponents described in this Owner's Report during the period , and state that to the best of my knowledge and
belief, the Own	ordance with the requirements	of the ASME Code, Section XI.
Report in acco		
By signing	) this certificate neither the Insi	pector nor his employer makes any warranty expressed or
By signing implied, conce	) this certificate neither the insi eming the examinations and co	pector nor his employer makes any warranty, expressed or orrective measures described in this Owner's Report.
By signing implied, conce Furthermore, i	) this certificate neither the Inspection of the examinations and conneither the Inspector nor his er	pector nor his employer makes any warranty, expressed or prective measures described in this Owner's Report. mployer shall be liable in any manner for any personal injury
By signing implied, conce Furthermore, i	this certificate neither the Inspections and conneither the Inspector nor his er mage or a loss of any kind aris	pector nor his employer makes any warranty, expressed or orrective measures described in this Owner's Report. mployer shall be liable in any manner for any personal injury sing from or connected with this inspection.
By signing implied, conce Furthermore, i or property da	this certificate neither the Inspections and conneither the Inspector nor his er mage or a loss of any kind aris	pector nor his employer makes any warranty, expressed or orrective measures described in this Owner's Report. mployer shall be liable in any manner for any personal injury sing from or connected with this inspection. mmissions $NB772S$ , $NCFS3$ , $A-N-I$
By signing implied, conce Furthermore, i or property da	this certificate neither the Inspector nor his er meither the Inspector nor his er mage or a loss of any kind aris <u>union</u> Com	pector nor his employer makes any warranty, expressed or orrective measures described in this Owner's Report. mployer shall be liable in any manner for any personal injury sing from or connected with this inspection.
By signing implied, conce Furthermore, i or property da	this certificate neither the Inspections and conneither the Inspector nor his er mage or a loss of any kind aris	pector nor his employer makes any warranty, expressed or orrective measures described in this Owner's Report. mployer shall be liable in any manner for any personal injury sing from or connected with this inspection. mmissions $NB772S$ , $NCPSS$ , $A-N-I$

FORM NIS-2 OWNER'S REPO As Required by the Provisions of the ASME Code Section XI

1.	Owner Duke Power Com Address 422 S. Church St.					1a. Dat She	e <u>11/2/94</u>	
2. 28		rry Road, Hunterville NC 280	078					
3.					3a. Wor	k Order	# 9401394	5
	Address <u>422 S. Church St.</u> Type Code Symbol Stamp <u>N</u>	. <u>Charlotte NC 28201</u> <u>N/A</u> Authorization No. <u>N/A</u>	Expiration Date N/A		3b. NSM	A or MM	Repair Organiz: #	ation Job #
4. 5.	(a) Applicable Construction						C	ode Cases
6.	(b) Applicable Edition of Se Identification of Components				18			
	Column 1	Column 2	Column 3	Col. 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 I-MCR-WL-D598	DYKE POWER	NA	NA	SNUBBER \$N 19957	NA	Repaired     Replacement     Replaced	I Yes
В	HANGER I-MCR-WL-0598	DYKE POWER DYKE POWER	NA	NA	5N4BBER 5/N 20502	NA	Repaired Replacement Replaced	I Yes
С							Replacement Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E		•					Repaired Replacement Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

0

7.		n of Work_ SNU			•		
8.	Test Cond	ucted: Hydrostatic	D Pneumatic D	Nominal (	Operating F	Pressure Other Exempl	
		Pressure	psig	Test	Temp.	°F	
		Pressure	psig		Temp.	oF	
		Pressure	psig	Test	Temp.	°F	
9.	Remarks	SNUBBER	TESTED PA	ION TO	INSTAL	ATION	
		(Applicable I	Manufacturer's Da	ta Reports	to be attac	hed)	
			CERTIFICATE	OF COMP	LIANCE		-7
cor	We certify forms to the	that the statement e rules of the ASM	s made in the rep E Code, Section 3	ort are cor KI.	rect and th	s repair or replacement	
Тур	be Code Sy	mbol Stamp	<u>N/A</u>				
Ce	rtificate of A	uthorization No.	A/A		Exp	iration Date N/A	
Sig	ned 7	G. Black, ) Owner or	Owner's Designed	alalest	Z Date	<u>u/2</u> , 19 <u>94</u>	
		CE	RTIFICATE OF IN	SERVICE	INSPECT	ION	
Ves Hai bel Rej imp	ssel Inspect tford Conne 9-21-7 lef, the Owr port in acco By signing blied, conce thermore, r	ors and the State of <u>ecticut</u> have inspec- <u>uer</u> has performed rdance with the re- this certificate nei- ming the examina	or Province of Non cared the compone 9 - 9 9 examinations and quirements of the ther the Inspector tions and correction or nor his employed	th Carolina nts describ , and st I taken con ASME Coo nor his en ve measure er shall be	a and emploed in this of ate that to rective me de, Section polyer ma es describe liable in an	kes any warranty, expressed d in this Owner's Report. y manner for any personal in	eriod Id Ier's I or
-	Jok Inspec	tor's Signature	Commissio	National	7728, / Board, St	NC 853, $A - N - J$ ate, Province and Endorseme	E
Dat	te	-9_,19_94					



#### FORM NIS-2 OWNER'S REPOK | FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201	1a. Date ////94 Sheet / of //
	Plant <u>McGuire Nuclear Station</u> Address <u>12700 Hagers Ferry Road, Hunterville NC 28078</u> Unit <u>1 2 1 1 and 2 Shared</u>	
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a.     Work Order # 94013969 01       Repair Organization Job #       3b.     NSM or MM # N/A
	Identification of System NV	

Identification of System
 Identification
 Identifiation
 Identification
 Identif

6. Identification of Components Repaired or Replaced and Replacement Components

-	Column 1	Column 2	Column 3	Col. 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 IMCR-NU- 852	DUKE POWER Co	x/A	n/A	SN& BBAC Sh 20577	N/A	Repaired Replacement Replaced	No Yes
B	HANGER 1mcz- XU- 852	DUNO POWER CU	N/A	N/A	SNUBBON S/H 21165	N/A	Repaired     Replacement     Replaced	No Ves
c	THAT A DOL						Repaired     Replacement     Replaced	O No Yes
D							Repaired     Replacement     Replaced	O No Ves
E				erk.			Repaired     Replacement     Replaced	D No D Yes
F							C Repaired	□ No □ Yes

8. Test Conducted: Hydrostatic Deneumatic Nominal Operating Pressure Osig Test Temp.       9         Pressure       Osig Test Temp.       9         Pressure       Osig Test Temp.       9         Pressure       Osig Test Temp.       9         9. Remarks       Test Temp.       9         (Applicable Manufacturer's Data Reports to be attached)       (Applicable Manufacturer's Data Reports 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         Signed       Test Nicket       Section State Test Nicket         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspector has performed examinations and taken corrective measure         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 Inspector in acordiance with the requirements of the ASME Code, Section XI.         Owner or Owner's Designee. Title	7.	Description		CEPLACED SA	14BBCM2	
Pressure       Dsig       Test Temp.       •F         Pressure       Dsig       Test Temp.       •F         9. Remarks       Test Temp.       •F         (Applicable Manufacturer's Data Reports 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       Expiration Date         CERTIFICATE OF INSERVICE INSPECTION         Type Code Symbol Stamp         N/A       Expiration Date         CERTIFICATE OF INSERVICE INSPECTION         It is and commission issued by the National Board of Boiler and Pressure         Owner or Owner's Designee. Title         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of Hariford Connecticut have inspected the components described in this Owner's approximation during the penod the components described in this Owner's approximation during the penod the components described in this Owner's Report.         Owner or Owner's Designee to nor his employer makes any warranty, expressed or implied, concerning the exam	8	Test Cond	ucted: Hydrostatic	Pneumatic D N	Iominal Operation	Pressure 1 Other C Exempt R
Pressure       psig       Test Temp.       •F         9. Remarks       Test Temp.       •F         (Applicable Manufacturer's Data Reports 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         Expiration Date       N/A         Signed       Test Temp.         Owner or Owner's Designee. Title       Date         CERTIFICATE OF INSERVICE INSPECTION         1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of Participant during the penod         Test TH       of Addition and the Inspector nor his employer makes any warranty, expressed or implicit, onceming the examinations and taken corrective measure under in Source's Report.         Further conditions the report or on the employer makes any warranty, expressed or implicit, onceming the examinations and carective measures described in this Owner's Report.         Further more, neither the Inspector nor his employer makes any warranty, expressed or implicit, onceming the examinations and carective measures described in this Owner's Report.         Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implicit, onceming the examinations and taken corrective measures described in this Owner's Report.<			Pressure	osig	Test Temp.	or
Pressure       Dsig       Test Temp.       eF         9. Remarks       Test Tem)       PROVA       Test Reports to be attached)         (Applicable Manufacturer's Data Reports 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       Expiration Date         CERTIFICATE OF INSERVICE INSPECTION         Type Code Symbol Stamp         N/A       Expiration Date         CERTIFICATE OF INSERVICE INSPECTION         Signed         MA         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Bolier and Pressure         Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I.Company of Partice Time thas performed examinations and taken corrective measure         Owner or Owner's Report in accordance with the requirements of the ASME Code, Section XI.         Type Code Symbol State or Province of North Caroling and employeed by HSBI and I.Company of Partice The Dimetric time to the boom my knowledge and state that to the boom my knowledge and state that to the boom my knowledge and stend cordicive measures desocribed in this Owne			Pressure	psig	Test Temp.	oF
ALL PROPERTY OF CONCESTING         (Applicable Manufacturer's Data Reports 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         Section XI.         Section XI.         Type Code Symbol Stamp         N/A         Certificate of Authorization No. N/A         Section XI.         Section XI.         Owner or Owner's Designee. Title         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of Hattord Connection have inspected the components described in this Owner's Beport during the pendod         Mattor Colspan="2">Mattor Colspan="2" Section XI.         Beport 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 implic, concerning the examinations and carective measure sect			Pressure	osig		
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 Authonzation No. N/A         Signed Mathematication No. 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 the State or Province of North Caroling and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's epont during the penod         Officient Colspan="2">Officient Caroling and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's epont during the penod         Officient Caroling and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's epont during the penod         Officient Caroling and employed by HSBI and I Company of Problem thave enspected the components described in this Owner's Report.	9.	Remarks	TESTER	PRIDE TO	RepLACION	1 ERUT
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 Authonization No.       N/A         Signed       Hataat       Teruwicat         Owner or Owner's Designee. Title       Date 1/1/1, 1994         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's measure or the owner has performed examinations and taken corrective measure orbit 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 anising from or connected with this inspection.         Mathematical Commissions       MB 7728, MC853, A-N-T         Inspector Signature       Commissions       MB 7728, MC853, A-N-T			(Applicable N	Aanufacturer's Data	Reports to be at	tached)
Type Code Symbol Stamp       N/A         Certificate of Authonization No.       N/A         Signed       Highed         Technical       Section XI.         Date       1/1/1, 1994         Owner or Owner's Designee. Title       Date         Certificate of Authonization No.       N/A         Signed       Highed         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of         Hartford Connecticut have inspected the components described in this Owner's Report during the penod         Type Code Symbol Stamp         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 properly damage or a loss of any kind arising from or connected with this inspection.         Martin       Commissions       NB 7728, NCB 53, A-N-T         Inspector Signature       Commissions       NB 7728, NCB 53, A-N-T				CERTIFICATE O	FCOMPLIANCE	E.
Certificate of Authonization No. N/A       Expiration Date N/A         Signed       Iterate       Technicon       Stormust       Date 1/1/1, 1994         Owner or Owner's Designee. Title       Owner or Owner's Designee. Title         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of Hantord Connecticut have inspected the components described in this Owner's Deport during the penod         Jabe 14       to 144       . and state that to the boot imply knowledge and belief, the Owner has performed examinations and taken corrective measure is cribed in this Owner's Report. 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.         By signing this certificate 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 anising from or connected with this inspection.         Inspector's Signature       Commissions       NB 7728, NC853, A-N-I         National Board, State, Province and Endorsements		ionis to th	e rules of the ASM	E Code, Section XI.	t are correct and	this repair or replacement
Signed       Addition       Technicity       Section ST       Date Addition         Device of Owner or Owner's Designee. Title       Date Addition       1994         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of Hanford Connecticut have inspected the components described in this Owner's Report during the period         9-26-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boiler and Pressure         9-36-94       to       Image: Additional Board of Boile				<u>10</u>		
Signed       John Mittage       Technical       Sectarust       Date 1/1/1, 1994         Owner or Owner's Designee. Title         CERTIFICATE OF INSERVICE INSPECTION         1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owners         A dot 1/2         Owner has performed examinations and taken corrective measure         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 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 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 anising from or connected with this inspection.         Matter Commissions NB 7728, NCS53, A-N-T         Inspector' Signature	Cer	tificate of A	uthorization No. M	1/A	E	prination Date N/A
Owner or Owner's Designee. Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period	Cia	and	ALA	-		and the second se
CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period         Hartford Connecticut have inspected the components described in this Owner's Report during the period       Implement (mathematications)         Delief, the Owner has performed examinations and taken corrective measure       Implement (mathematications)         Report in accordance with the requirements of the ASME Code, Section XI.       Implement (mathematications)         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 anising from or connected with this inspection.         Inspector Signature       Commissions         National Board, State, Province and Endorsements	Sig	ned	A REAL PROPERTY AND A REAL	TERHNICOL SPC	TIALIST C	Date 11/11, 1994
1. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-26-94 to 11-1-94, and state that to the bear my knowledge and belief, the Owner has performed examinations and taken corrective measure 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 ansing from or connected with this inspection. Inspector's Signature Commissions <u>NB7738</u> , NC853, A-N-I National Board, State, Province and Endorsements	-		Owner or	Owners Designee.	Inte	
1. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-26-94 to 11-1-94, and state that to the bear my knowledge and belief, the Owner has performed examinations and taken corrective measure 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 ansing from or connected with this inspection. Inspector's Signature Commissions <u>NB7738</u> , NC853, A-N-I National Board, State, Province and Endorsements	i Calercar-A	Constant of Professional Statistical Aut	CE	TIELCATE OF ING		
Hartford Connecticut have inspected the components described in this Owner's Report during the period $\frac{9-26-94}{10}$ to $11-9-94$ , and state that to the bulk of the Nowledge and belief, the Owner has performed examinations and taken corrective measure is cribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Inspector's Signature Commissions NB7728, NCS53 A-N-T National Board, State, Province and Endorsements			CER	CIFICATE OF INS	ERVICE INSPE	CTION
/	Har beli Rep Fur	tford Conne 9-26- ef, the Own port in acco By signing blied, conce thermore, r property dar	ecticut have inspect <u>ecticut</u> have inspect <u>ner has performed</u> indance with the red this certificate neit ming the examinat neither the inspector mage or a loss of a <u>Marin</u>	examinations and transmissions and corrective in the inspector not be and the corrective of nor his employer in the data of the angle o	Carolina and er s described in th , and state that aken corrective r SME Code, Sector for his employer i measures descri- shall be liable in n or connected w	nployed by <u>HSBI and I Company</u> of is Owner's Report during the period to the bear my knowledge and measure scribed in this Owner's tion XI. makes any warranty, expressed or ribed in this Owner's Report. any manner for any personal injury rith this inspection. 28, NCSS3 A-N-I
Date 11- 1994		inspec	/ -		National Board,	State, Province and Endorsements
	Dat	e	-1 .1994			

FORM NIS-2 OWNER'S REI **R REPAIRS OR REPLACEMENTS** As Required by the Provisions of the ASME Code Section XI

Owner Duke Power Company	1a. Date
Address 422 S. Church St., Charlotte NC 28201	Sheet
Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 28078         Unit       1 1 2 1 and 2 Shared	
Work Performed By <u>Duke Power Company</u>	3a. Work Order #
Address <u>422 S. Church St., Charlotte NC 28201</u>	Rep
Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date	N/A 3b. NSM or MM #

11/2/94 of

14013980

air Organization Job #

NA 3b. NSM or MM #

4. Identification of System WL

2

2a

3

NO 5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, Code Cases (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 4	Column 5	Cols	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Yra Bui .	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER I-MCR-WL-0583	DUKE Powen	NA	NA	SNUBBER S/N 14816	NA	Repaired Replacement Replaced	⊡ No □ Yes
В	HANGER I-MGR-WL-0583	DUKE BWER	NA	NA	SNUBBER S/N 19544	NA	Repaired Replacement Replaced	□ No □ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired Replacement Replaced	□ No □ Yes
E		•					Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

	Icted: Hydrostatio Pressure Pressure Pressure SNUBBEN (Applicable	[	osig osig Price	Test Tem Test Tem Test Tem	np np	°F °F			npt 🛄
Remarks - -	Pressure Pressure SNUBBEN	Terrep	osig Osig Price	Test Tem Test Tem	ip	۰۴			
Remarks _ - - -	Pressure SNUBBEN	Terrop	Pric	Test Tem	ip	۰F			
Remarks _ - - -	SNUBBEN.	Terner	Pric		-				1
Remarks - - -				n 70	INST	ALCA	4	3	
	(Applicable	Manufacturer					t 71au	/	
			s Data Re	eports to be	e attac	hed)			
		CERTIFIC	ATE OF (	COMPLIAN	VCE				
Ve certify	that the statement rules of the ASM	nts made in the ME Code, Sect	report antion XI.	re correct a	and thi	s <u>repair</u>	or repla	acement	
Code Syr	nbol Stamp	N/A							
ficate of A	uthorization No.	N/A			Exp	iration C	ate N/	A	
4 7	G. L. l.	Trava vert &	Saul	in The	-	1.12	-61		
1-	Ownero	Owner's Dee	THUR TH	estat-	_Date	41.	1912		
	Stiller St	011101 3 003	gnee, m	10					
mini#/.shatesistering	CE	RTIFICATE	F INSEE	VICE INST	PECT	ION	Halander and an an exchange	and a construction of a constant	NW7NOIRCHIR
, the Own	to to er has performed dance with the re	or Province of ected the comp d examinations equirements of	f North Ca ponents d and take the ASM	arolina and escribed in and state th en correctiv IE Code, Se	this C nat to t e mea	oyed by Owner's the best asures d	HSBI a Report of of my k lescribe	during the p during the p snowledge a d in this Ov	any of period and wner's
ed, concer ermore, n	this certificate ne ning the examina either the Inspec	ations and corr tor nor his emp	ector nor i rective me ployer sha	nis employe easures de: all be liable	er mai scribe	kes any d in this v manne	Owner er for an	's Report.	
perty dan	hage or a loss of	any kind arisin	ng from or	r connected	d with	this insp	pection.		
SUI	Slein	Comm	issions d	VB77	28,	NCS	53, A	1-1-2	2
hspec	br's Signature		Na	tional Boar	rd, Sta	te,Prov	ince and	d Endorsen	nents
12-7	19 94								
	Code Sym icate of Au icate of Au id 7/2 undersign al Inspecto ord Conne 9-79-9 , the Owner t in accom y signing t ed, concerne operty dam	Code Symbol Stamp Ticate of Authorization No. d Market State CEE undersigned, holding a value of Connecticut have inspectors and the State ord Connecticut have inspector of Connecticut have inspector to of Connecticut have inspector	Code Symbol Stamp N/A NA NA NA NA NA NA NA NA NA N	Code Symbol Stamp N/A N/A N/A N/A N/A N/A N/A N/A	Code Symbol Stamp N/A Ticate of Authorization No. N/A Mage Market State of Authorization No. N/A Market Market State of Owner's Designee, Title CERTIFICATE OF INSERVICE INSU undersigned, holding a valid commission issued by the Nation ord Connecticut have inspected the components described in 9 10 2000, and state the the Owner has performed examinations and taken corrective the owner has performed examinations and corrective measures de emore, neither the Inspector nor his employer and concerning the examinations and corrective measures de emore, neither the Inspector nor his employer shall be liable operty damage or a loss of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising from or connected and the analysis of any kind arising f	Code Symbol Stamp N/A N/A Expl icate of Authorization No. N/A Expl ad <i>He Hash Taun (Mathematics)</i> Date Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECT undersigned, holding a valid commission issued by the National Bo ord Connecticut have inspected the components described in this C and state that to the components described in this C the Owner has performed examinations and taken corrective mean the owner has performed examinations and corrective measures describe emore, neither the Inspector nor his employer mail the owner is provided of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is of any kind arising from or connected with and the owner is observed.	Code Symbol Stamp <u>N/A</u> Trace of Authorization No. <u>N/A</u> Trace of Authorization No. <u>N/A</u> Mage Authorization No. <u>N/A</u> Trace of Authorization No. <u>N/A</u> CERTIFICATE OF INSERVICE INSPECTION undersigned, holding a valid commission issued by the National Board of I al Inspectors and the State or Province of <u>North Carolina</u> and employed by ord <u>Connecticut</u> have inspected the components described in this Owner's <u>Authorization Authorizations</u> and state that to the best the Owner has performed examinations and taken corrective measures of the accordance with the requirements of the ASME Code, Section XI. y signing this certificate neither the Inspector nor his employer makes any ad, concerning the examinations and corrective measures described in this emore, neither the Inspector nor his employer shall be liable in any manner operty damage or a loss of any kinci arising from or connected with this insp <u>Authorizations</u> <u>AB 7728</u> , NC8	Code Symbol Stamp       N/A         Scate of Authorization No.       N/A         Expiration Date       N/A         CERTIFICATE OF INSERVICE INSPECTION         undersigned, holding a valid commission issued by the National Board of Boiler a         al Inspectors and the State or Province of North Carolina and employed by HSB1 a         order Connecticut have inspected the components described in this Owner's Report         g.       No.         g.       No.         g.       No.         g.       Se	Institute to the rules of the ASME Code, Section XI.         Code Symbol Stamp       N/A         Icate of Authorization No.       N/A         Icate of North Carolina and Expectition Date N/A         Indersigned, holding a valid commission issued by the National Board of Boiler and Pressum         Indersigned, holding a valid commission issued by the National Board of Boiler and Pressum         Indersigned, holding a valid commission issued by the National Board of Boiler and Pressum         Indersigned, holding a valid commission

FORM NIS-2 OWNER'S REPOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Address	Duke Power Com 422 S. Church St.	pany Charlotte NC 28201				1a. DateSheet	11/2/9	01 /
	Plant Address Unit	McGuire Nuclear 12700 Hagers Fer	ry Road, Hunterville NC 28	078					
3.	Address		Power Company Charlotte NC 28201 I/A Authorization No. N/A	Explration Date N/A		3a. 3b.	Work Order #	Repair Organ	90 nization Job #
4. 5. 6.	(a) Appli (b) Appli	cable Edition of Sec	NV Code ASME III_1971 Edit ction XI Utilized for Repairs Repaired or Replaced and	or Replacements 19	36, no Addenda	NO			Code Cases
		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8

	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER- 1-MCR-NV-1067	DUKE POWER	NA	NA	SNUBBER S/N 19983	NA	Repaired     Replacement     Replaced	I Yes
В	HANGER: 1-MCA-NV-1067	DUKE POWER	NA	NA	SNUBBER S/N 14903	NA	Repaired Replacement Replaced	I Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E		•					Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

<ul> <li>8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Expressure psig Test Temp.</li> <li>Pressure psig Test Temp.</li> </ul>	empt 🛄
Pressure <u>psig</u> Test Temp. <u>°F</u> Pressure <u>psig</u> Test Temp. <u>°F</u> 9. Remarks <u>SNUBBEN TESTED Proop TO INSTALLATION</u>	
9. Remarks <u>SNUBBEN TESTED Proop TO INSTALLATION</u>	
9. Remarks SNUBBER TESTED PRIOTE TO INSTALLATION	
(Applicable Manu er's Data Reports to be att ned)	
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. Mark TELHNICH Sparkless I Date 1/7, 1994	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Press Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBI and I Cor</u> <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the <u>949-94</u> to <u>0-73-94</u> , and state that to the best of my knowledge belief, the Owner has performed examinations and taken corrective measures described in this 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, exprese 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 person or property damage or a loss of any kind arising from or connected with this inspection.	npany of the period ge and Owner's ssed or t.
Commissions NB 7728 NEF53, A-N-	I
Inspector's Signature National Board, State, Province and Endor	sements
Date 12-12 19 94	

FORM NIS-2 OWNER'S REPOR : FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201		1a. Date <u>11/1/94</u> Sheet <u>1</u> of <u>1</u>
	Plant <u>McGuire Nuclear Station</u> Address <u>12700 Hagers Ferry Road, Hunterville NC 28078</u> Unit <u>M 1 2 1 1 and 2 Shared</u>		
3	Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201	38	Work Order # 94014038/01 Repair Organization Job #
	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b	NSM or MM #/A
4	Identification of System		
5.	(a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda,	NO	Code Cases
6	(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda Identification of Components Repaired or Replaced and Replacement Components		

-	Column 1	Column 2	Column 3	Col. 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 I NCR - NU - 1060	DURE BUER Co	N/A	N/A	Sun Bon 3/4 21745	n/a	Replacement	X No Ves
8	+100001 IMCR- NU-1060	Derker Power Co	N/A	N/A	SNUBBER S/N 17388	NA	Repaired Replacement Replaced	⊠ No □ Yes
С	1110						Repaired     Replacement     Replaced	I Yes
D							Repairer:     Replacement     Replaced	O No Yes
E				et.			Repaired     Replacement     Replaced	O No Ves
F							C Repaired	O No Yes

7.	Description	of Work	EALACINO SA	NUBBER		
8.	Test Condu	cted: Hydrostatic	D Pneumatic D	Nominal Opera	ting Pressure DOther D	Exempt 🖄
		Pressure	psig	Test Tem		
		Pressure	psig	Test Tem	p. •F	
		Pressure	DSIG	Test Tem	p. °F	
9.	Remarks _	Tester	PRIOR TO	PEPLACE	STMENT	
	-	(Applicable	Manufacturer's Dat	a Reports to be	attached)	
			CERTIFICATE	OF COMPLIAN	ICE	
con	We certify the	hat the statemen rules of the ASM	its made in the rep ME Code, Section )	ort are correct a	ind this <u>repair or replacer</u>	nent 
Тур	e Code Syn	nbol Stamp	N/A			
Cer	tificate of A	uthorization No.	N/A		Expiration Date N/A	
Sign	ned	Owner or	TECHMICAL S	ATTILE	_Date 19 <u>94</u>	
A.B. HALLON		CE	ERTIFICATE OF IN	SERVICE INSI	PECTION	
Ves Har beli Rep Fur	sel Inspecto (1) = (1) + (1	brs and the State <u>ecticut</u> have inspec- to <u>11</u> er has performed rdance with the re- this certificate ne- ming the examina- either the Inspec-	or Province of Nor ected the component -9.4 d examinations and equirements of the either the Inspector ations and correctivitor tor nor his employed any kind arising free	th Carolina and nts described in , and state th I taken correctiv ASME Code, S nor his employ ve measures de er shall be liable om or connected	er makes any warranty, e scribed in this Owner's R in any manner for any p d with this inspection.	Company of ng the period viedge and this Owner's expressed or eport. ersonal injury
-	Inspect	Klem tórş Signature	Commissio		128, NC853, A	
Dat	e	1994	No bill and an annual star y to be an annual star and a star starter			

FORM NIS-2 OWNER'S RE REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Address	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date <u>11/2/94</u> Sheet of /
	Plant Address Unit	McGuire Nuclear Station 12700 Hagers Ferry Road, Hunterville NC 28078		
3.	Address	formed By <u>Duke Power Company</u> <u>422 S. Church St., Charlotte NC 28201</u> le Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.	Work Order # <u>9401 4091</u> Repair Organization Job # NSM or MM # <u>N</u> A
4.	Identificat	tion of System WL		

Code Cases

 (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u>, no Addenda
 Identification of Components Repaired or Replaced and Replacement Components NO

	Column 1	Column 2	Column 3	Col. 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 I-MCR-WL-586	DUKE POWER	NA	NA	SNUBBER S/N 19951	NA	Repaired Replacement Replaced	I Yes
В	HANGER I-MAR-WI-586	DUKE POWER	NA	NA	SNUBBER S/W 14922	NA	Repaired Replacement Replaced	I Yes
С							Repaired     Replacement     Replaced	No Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E		•					Repaired     Replacement     Replaced	□ No □ Yes
F							C Repaired	□ No □ Yes

A	Description		ALCO	SNUB!	Clam			
8.	Test Cond	ucted: Hydrostatic	D Pneum		Nominal Operat	ting P	ressure 🖸 Other 🖬	Exempt []
		Pressure		psig	Test Temp	the second se	°F	
		Pressure		psig	Test Temp		°F	
		Pressure		psig	Test Temp	)	oF	
э.	Remarks .	SNUBBER	TESTE	D PRI	OR TO IN	STAL	(ATION	
		(Applicable	Manufactu	rer's Data	Reports to be	attach	ied)	
			CERTIF	ICATE C	F COMPLIAN	CE	Canal and the subscription of the subscription	
201	We certify nforms to the	that the statemen e rules of the ASM	nts made in ME Code, S	the repo Section XI	rt are correct ar	nd this	repair or replacen	nent
Гу	be Code Sy	mbol Stamp	N/A					
Ce	rtificate of A	utnorization No.	N/A			Expir	ation Date N/A	
		uthorization No.					ation Date N/A	
		E. Black	TECHNIL	AL SPE	ZIALIST IT			
		E. Black		AL SAC Designee,	<u>2/4(157 5</u> Title			
		E. Black, Owner or	TECH NI I Owner's D	Designee,	Title	Date	4/2, 1994	
		E. Black, Owner or	TECH NI I Owner's D	Designee,	Title	Date	4/2, 1994	
Sig I, ti Ha bel Re Fur	the undersigned $\overline{A}$ , and $\overline{A}$ , and $\overline{A}$ , the own port in accoording billed, concept thermore, n	CE Ded, holding a val ors and the State ors and	<b>TECH</b> MILE Owner's D RTIFICAT id commiss or Province 2-5-9 I examinate equirements ither the in ations and cornor his e	E OF INS sion issue e of <u>North</u> omponent ons and t s of the A ispector n corrective employer	Title SERVICE INSP ad by the Nation <u>Carolina</u> and is described in f , and state that aken corrective SME Code, Se for his employe measures des shall be liable	Date ECTION Pal Bo emplo this O at to the ection is r make cribed in any	U/7, 1974 DN ard of Boiler and P yed by <u>HSBI and I</u> wner's Report during the best of my know sures described in XI. es any warranty, es I in this Owner's Re- manner for any per-	Company of ng the period dedge and this Owner's xpressed or aport.
sig , ti la del Re mp	ned 7 ne undersign ssel Inspect ftford Conne 9-21- lief, the Owr port in acco By signing blied, conce thermore, n property dar inspect	CE Ded, holding a val ors and the State ors and the State orticut have inspect or has performed rdance with the re- this certificate ne- ming the examina- either the Inspect	<b>TECH</b> MILE Owner's D RTIFICAT id commiss or Province cede the co 2-5-7 I examinate equirements ither the in ations and co or nor his e any kind at	E OF INS sion issue e of <u>North</u> omponent ons and t s of the A ispector m corrective employer rising from	Title SERVICE INSP of by the Nation <u>Carolina</u> and is described in the aken corrective SME Code, Se or his employe measures des shall be liable n or connected s NB775	Date ECTION Pail Bo emplo this O at to the ection is r make cribed in any with t	U/7, 1974 DN ard of Boiler and P yed by <u>HSBI and I</u> wner's Report during the best of my know sures described in XI. es any warranty, es I in this Owner's Re- manner for any per-	<u>Company</u> of ng the period dedge and this Owner's xpressed or eport. ersonal injury W - Z

1.	Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201		1a. Date_ Sheet	11/7/94 of
2. 2a	Plant     McGuire Nuclear Station       Address     12700 Hagers Ferry Road, Hunterville NC 28078       Unit     121       2     1 and 2 Shared			
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.		94018211 Repair Organization Job #
4. 5. 6.		NO		Code Cases

	Column 1	Column 2	Column 3	Col. 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 I-MCR-NV-1071	DUKE POWER	NA	NA	SULLEBACTE S/N 21393	NA	Repaired     Replacement     Replaced	□ No □ Yes
В	HANGER 1-MCR-NV-1071	DUKE POWER	NA	NA	SNUBAER SN 00/15		Repaired     Replacement     Replaced	☐ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E		•					Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

7. Descriptio	ON OF WORK REPLACED SNUBBER
8. Test Cond	ducted: Hydrostatic D Pneumatic D Nominal Operating Pressure D Other E Exempt D
	Pressure psig Test Temp. PF
	Pressure psig Test Temp. °F Pressure psig Test Temp °F
9. Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to the	y that the statements made in the report are correct and this repair or replacement ne rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp <u>N/A</u>
Certificate of /	Authorization No. N/A Expiration Date N/A
Signed 7	Hell Truning according The she
Signed /	Owner or Owner's Designee, Title Date 4/7, 1914
	Owner of Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspec Hartford Conn 979-9-99 belief, the Own Report in acco By signing implied, conce Furthermore, in	mer has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. If this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. Ineither the Inspector nor his employer shall be liable in any manner for any personal injury image or a loss of any kind arising from or connected with this inspection.
mspec	Commissions NB7728, NC853, A-N-I National Board, State, Province and Endorsements
Date 12-	12 .19 <u>94</u>

FORM NIS-2 OWNER'S REP

As Required by	y the P	Provisions of	the	ASME	Code	Section	XI	
----------------	---------	---------------	-----	------	------	---------	----	--

1	Address <u>Duke Power Con</u> Address <u>422 S. Church S</u>	npany t., Charlotte NC 28201				1a. Dat She		1
	Address 12700 Hagers Fe 2a. Unit	erry Road, Hunterville NC 280	<u> </u>					
3	Work Performed By <u>Duke</u> Address <u>422 S. Church St</u> Type Code Symbol Stamp		Expiration Date N/A			ik Order 1 or MM	# <u>940/82</u> Repair Organiza # NA	
5	(a) Applicable Construction (b) Applicable Edition of Se	NV a Code <u>ASME III</u> 1971 Edition ection XI Utilized for Repairs ts Repaired or Replaced and	or Replacements 1986	no Adden	. No da		Co	ode Cases
[	Column 1	Column 2	Column 3	Col. 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	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER 1-MCR-NV-1034	DUKE POWER	NA	NA	SN48BETZ S/N 20336	NA	Repaired     Replacement     Replaced	I Yes
В	1-MCR-NV-1034 HANGER 1-MCR-NV-1034	DUKE POWER DUKE POWER	NA	NA	SNUBBER S/N 20 373	NA		I Yes
С							Repaired     Replacement     Replaced	D No Ves
D							Repaired Replacement Replaced	□ No □ Yes
E		•					Repaired     Replacement     Replaced	D No Ves
F							Repaired     Replacement     Replaced	D No Ves

7. Description o	1 Work REPLACE	D SNUBB	ER	
8. Test Conduct	ted: Hydrostatic 🖸	Pneumatic 🛛	Nominal Opera	ting Pressure Other Exempt
	Pressure	psig	Test Tem	pF
	Pressure	psig	Test Tem	
	Pressure	psig	Test Tem	pF
9. Remarks	NUBBER TEST	ED Prior	TO / NSTAC	LATION
=	(Applicable Man	ufacturer's Dat	a Reports to be	attached)
	C	ERTIFICATE	OF COMPLIAN	CE
We certify the conforms to the n	at the statements m ules of the ASME C	ade in the repondent of the section	ort are correct a	nd this repair or replacement
Type Code Symb	ol Stamp <u>N/A</u>			
	horization No. N/A			Expiration Date N/A
Signed 75	Black TELH Owner or Ow	MCAC SPEZ	ALIST F	_Date_ <u>11/7_</u> , 19 <u>94</u>
	CERTI	FICATE OF IN	SERVICE INSP	PECTION
Vessel Inspectors Hartford Connect 20-3-44 belief, the Owner Report in accorda By signing thi implied, concerni Furthermore, neit or property dama	has performed exa has performed exa ance with the require s certificate neither ng the examination ther the Inspector neither	rovince of <u>Nor</u> the componen <u>-9 y</u> minations and ements of the the Inspector s and correctivo or his employed kind arising from	th Carolina and the described in , and state the taken corrective ASME Code, Se nor his employed the measures des r shall be liable the or connected ms	nal Board of Boiler and Pressure employed by <u>HSBI and I Company</u> of this Owner's Report during the period at to the best of my knowledge and e measures described in this Owner's ection XI. ar makes any warranty, expressed or scribed in this Owner's Report. in any manner for any personal injury with this inspection. 28 NC 853 A-N-J d, State, Province and Endorsements
Date 11-29	.19.94			

FORM NIS-2 OWNER'S REP

As Required by the Provisions of the ASME Code Section XI

- Duke Power Company 1. Owner Address 422 S. Church St., Charlotte NC 28201
- 2. Plant McGuire Nuclear Station Address 12700 Hagers Ferry Road, Hunterville NC 28078 D1 D2 D1 and 2 Shared 2a. Unit
- 3. Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201 Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A
- NV 4. Identification of System

1a. Date Sheet

Code Cases

Work Order # 94018250 3a. Repair Organization Job # NSM or MM # 3b. NA

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NO (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

-	Column 1	Column 2	Column 3	Col. 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 I-MCR-NV-1031	DUKE POWER	NA	NA	SNUBBER SN 20335	NA	Repaired     Replacement     Replaced	Yes
B	HANCER I-MAR-NV-1031	DUKE Power	NA	NA	SNUBBER S/N 20743	NA	Repaired Replacement Replaced	I Yes
С	*						Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

7. Description	n of Work REPLACED SNUBBER
8. Test Cond	ucted: Hydrostatic D Pneumatic Nominal Operating Pressure Other Exempt D
	Pressure psig Test Temp. •F
	Pressure psig Test TempF
	Pressure psig Test Temp. •F
9. Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to th	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp N/A
Certificate of A	Authorization No. N/A Expiration Date N/A
Signed /	Owner or Owner's Designee, Title
allahat ni dur hai in the tarken yang mana da	Owner of Owner's Designee, Title
NUMBER AND A STATE A MARK AND STATE AND ANY MEMORY AND A STATE OF AN	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conn 9-29- belief, the Own Report in acco By signing implied, conce Furthermore, r	her has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. This certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. Theither the Inspector nor his employer shall be liable in any manner for any personal injury mage or a loss of any kind arising from or connected with this inspection.
Inspec	tor's Signature Commissions NB772P NC853 A-N-I National Board, State, Province and Endorsements
Date 11-2	9-94.1994

1.	Owner Address	Duke Power Compa 422 S. Church St.,	any Charlotte NC 28201				1a. Date Shee	NOV 15th 1994 t 1 of	1
9	Plant Address Unit	McGuire Nuclear S 12700 Hagers Ferr ☑ 1 □2 □ 1 and	y Road, Huntersville NC 280	078					
		formed Du. Duka D	Dawas Company			3a. Wo	k Order #	94023174	
3.		formed By Duke F 422 S. Church St.,		54. 110	Repair Organization Job 1				
				Expiration Date N/A		3b. NS	N or MM		
4.	Identifica		SAFETY INJECTION (NI) S					_	
5.	(b) Appli	cable Edition of Sec	Code ASME III 1971 Edition tion XI Utilized for Repairs of	or Replacements 1986,	no Addend	ta		Co	ode Cases
6.	Identifica	tion of Components	Repaired or Replaced and I	Replacement Compone	ents				
-	[	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column
	Nan	ne of Component	Name of Manufacturer	Manufacturer Serial Number	National Board	Other Identification	Year Built	Repaired, Replaced, or	ASME Co Stampe

T	Column 1	Column 2	Column 3	Col. 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	ALOYCO/WALWORTH	A-0166			1973	Repaired Replacement Replaced	D No D Yes
В	VALVE	WESTINGHOUSE	06000CS8800000- 000W750232	W18941	1NI0176	1978	Repaired Replacement Replaced	No Ves
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

. Descripti	ion of Work Replace	e v chech n	ILSI HE W	varve tadges	Dencou	TOther DEvent
. Test Cor		MPneumatic		Test Temp	85	re ⊡Other ⊡Exempt °F
	Pressure	CARL CONTRACTOR OF THE OWNER	psig	Test Temp		°F
	Pressure	470	psig	Test Temp	100	
Remarks	s 1) CI. A side hydr	o tested to 1	560 psic	@ 85 deg F	(MP/0	(A/7650/55)
	2) Cl. B, system in	nservice test	1 @ 470 1	psiq, 136 de	g F (MI	P/0/A/7650/76}
	(Applicable I	Manufacturer	's Data R	Reports to be	attache	ed)
		CERTIFIC	ATE OF	COMPLIAN	CE	
We cert conforms to	ify that the statemen the rules of the ASN	ts made in th NE Code, Sec	te report	are correct a	nd this	repair or replacement
Type Code	Symbol Stamp	N/A				
Certificate c	of Authorization No.	N/A			Expira	ation Date N/A
			male	D.Ta	Expira	
	nald D. Talbert/Tech		signee, T	D. D. Tau	Expira	ation Date <u>N/A</u> Date <u>NOV 15th</u> , <u>1994</u>
	nald D. Talbert/Tech	Spec 1 12	on ale signee, T	D.Tal	Expira	
	nald D. Talbert/Tech Owner of	Spec 1 /2 r Owner's De	signee, T	Title	thet	Date NOV 15th, 1994
Signed <u>Ror</u> I, the under Vessel Insp <u>Hartford Co</u> <u>9–19</u> belief, the C Report in a By sign implied, co Furthermor	CE Signed, holding a value bectors and the State onnecticut have inspected owner has performed bectordance with the re- ning this certificate ne oncerning the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of the examination of	Spec 1 /2 r Owner's De ERTIFICATE lid commission or Province ected the com d examination equirements either the Insp ations and co tor nor his er	or issued of INSE on issued of North nponents ns and ta of the AS pector no prective mployer s	The <b>RVICE INSP</b> I by the Natio <u>Carolina</u> and described in , and state the ken corrective SME Code, So or his employed measures designed shall be liable	PECTIC nal Boa emplor this Ov at to the e meas ection 2 er make scribed in any	Date <u>NOV 15th</u> , <u>1994</u> Date <u>NOV 15th</u> , <u>1994</u> DN ard of Boiler and Pressure yed by <u>HSBI and I Company of</u> wner's Report during the period e best of my knowledge and sures described in this Owner's KI. es any warranty, expressed or i in this Owner's Report. manner for any personal injur
Signed <u>Ror</u> I, the under Vessel Insp <u>Hartford Co</u> <u>9-19</u> belief, the C Report in a By sign implied, co Furthermor or property	CE Signed, holding a value bectors and the State <u>onnecticut</u> have inspected <u>owner has performed</u> <u>ing this certificate ne</u> <u>ing this certificate ne</u> <u>incerning the examin</u>	Spec 1 /2 r Owner's De ERTIFICATE lid commission or Province ected the con d examination equirements either the Insi ations and co tor nor his er any kind aris	of INSE on issued of North nponents ns and ta of the AS pector no prective mployer s sing from	The RVICE INSP by the Natio Carolina and described in , and state the ken correctiv SME Code, So or his employed measures de shall be liable or connected	PECTIC nal Boa employ this Ov at to the ection 2 er make scribed in any d with t	Date <u>NOV 15th</u> , <u>1994</u> Date <u>NOV 15th</u> , <u>1994</u> DN ard of Boiler and Pressure yed by <u>HSBI and I Company of</u> wner's Report during the period e best of my knowledge and sures described in this Owner's KI. es any warranty, expressed or i in this Owner's Report. manner for any personal injur





1.	Owner	Duke Power Comp					1a. Date	e September 20,	1995
	Address	422 S. Church St.,	Charlotte NC 28201				She		
2.	Plant Address	McGuire Nuclear S	Station ry Road, Huntersville NC 28	078					
2a	Unit	⊠1 □2 □ 1 and							
3.	Address		Power Company Charlotte NC 28201 //A Authorization No. N/A	Expiration Date N/A			k Order	# <u>94045147 (Clas</u> Repair Organiza # N/A	
4.			NI - Safety Injection						
5.	(a) Appli	cable Construction	Code ASME III 1971 Edition	on, Summer and Winte	r Addenda	NONE		Cc	de Cases
6.	(b) Applie Identifical	tion of Components	tion XI Utilized for Repairs Repaired or Replaced and	or Replacements 1989 Replacement Compon	, no Addeni ents	da			
	the second	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e 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	11	MNIVA0175	Aloyco	A-0161	N/A	model# D-49466	1973	Repaired     Replacement     Replaced	□ No ☑ Yes
В								Repaired     Replacement     Replaced	□ No □ Yes
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired     Replacement     Replaced	□ No □ Yes
E	n let i							Repaired     Replacement     Replaced	□ No □ Yes
F								Repaired     Replacement     Replaced	□ No □ Yes

D

E

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

8. Test Con	on of Work Replaced disc
	ducted: Hydrostatic Pneumatic D Nominal Operating Pressure ØOther D Exempt D
	Pressure psig Test Temp. °F
	Pressure psig Test Temp. °F
	Pressure psig Test Temp. <u>°F</u>
. Remarks	
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to the	y that the statements made in the report are correct and this repair or replacement ne rules of the ASME Code, Section XI.
ype Code S	mbol Stamp <u>N/A</u>
Certificate of	Authorization No. N/A Expiration Date N/A
Signed Al	L O EL Cross la l'Estada la consistint Data a la Labora
signed rike	F L Grass Jr / Technical Specialist Date 9/20/, 1995
	Owner or Owner's Designee Title
	F L Grass Jr / Technical Specialist Date 9,20, 1995 Owner or Owner's Designee, Title
	Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION

÷.,

1. Owner <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u>

 Plant <u>McGuire Nuclear Station</u> Address <u>12700 Hagers Ferry Road. Huntersville NC 28078</u>
 2a. Unit ☑ 1 □2 □ 1 and 2 Shared

 Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>

1a.	Date	NOV	29th	1994	
	Sheet	1		of 1	

3a. Work Order # 94056119 (CI. A)

Repair Organization Job #

3b. NSM or MM # N/A

SM OF MM # N/A

- 4. Identification of System SAFETY INJECTION (NI) SYSTEM
- 5. (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u> Code Cases (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda
- 6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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	KEROTEST	XH8-6	20709	1NI159	1977	Repaired Replacement Replaced	D No D Yes
В	VALVE	KEROTEST	LA4-10	8699	1NI159	1976	Repaired Replacement Replaced	□ No ⊡ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired Replacement Replaced	□ No □ Yes
F							Repaired	□ No □ Yes

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

7.	Description	on of Work_Repla	ace valve I.N. 9J-4 w	ith same.		
8.	Test Con	ducted: Hydrostat	ic DPneumatic DNo	minal Operating		
		Pressure	1440 psig	Test Temp	83.5 °F	DExempt @
		Pressure	psig	Test Temp	AND A REAL PROPERTY OF A	
~						
9.	Remarks		onal test performed			
			ce test performed			
		See attached co	py of hydro relief re	equest 94-	009	
		(Applicable	e Manufacturer's Data	Reports to be	attached)	
			CERTIFICATE C	OF COMPLIANC	CE	ar ar an Minis Manual and Constraints Martine Production
6	Ma codifi	that the stateme	nte made la the same			
cor	nforms to th	ne rules of the AS	nts made in the repo ME Code, Section XI	n are correct an	d this <u>repair or rep</u>	placement
Ту	pe Code Sy	mbol Stamp	<u>N/A</u>			
Ce	rtificate of a	Authorization No.	N/A	~ ~ ~ ~ ~	Expiration Date	<u>4/A</u>

## CERTIFICATE OF INSERVICE INSPECTION

Date Nov 29 , 1994

Signed Ronald D. Talbert/Tech Spec 1 Konald D. Talbert

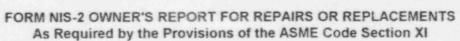
Owner or Owner's Designee, Title

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>9-8-94</u> to <u>2-1-95</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's

Report in accordance with the requirements of the ASME Code, Section XI.

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

Applein	Commissions NB7728, NC853 A-N-Z
inspector's Signature	National Board, State, Province and Endorsements
Date 2- 1995	



1.	Owner	Duke Power Comp	bany				1a. Date	e Nov 15th 1994	
	Address	422 S. Church St.,	Charlotte NC 28201				She	et 1 of	1
	Plant Address Unit	McGuire Nuclear S 12700 Hagers Ferr ☑ 1 □2 □ 1 and	ry Road, Huntersville NC 28	078					
3.	Work Per Address	formed By Duke I 422 S. Church St.,	방법에 가지지 않는 것 같아?	Expiration Date <u>N/A</u>			k Order I or MM	# <u>94057805</u> Repair Organiza # <u>N/A</u>	tion Job #
4.			REACTOR COOLANT (NC)		< Addapda	NONE			de Cases
5. 6.	(b) Appli	cable Edition of Sec	Code <u>ASME III</u> 1971 Edition ction XI Utilized for Repairs Repaired or Replaced and	or Replacements 1986	no Adden	da		0	de Cases
		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stamped (yes or no)
A		VALVE	KEROTEST	(MISSING TAG)				Repaired     Replacement     Replaced	□ No ☑ Yes
В		VALVE	KEROTEST	ASZ1-10	38431	1NC0005	1990	<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	No Yes
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired     Replacement     Replaced	No Yes
E								Repaired     Replacement     Replaced	□ No □ Yes
F								Repaired     Replacement     Replaced	□ No □ Yes

e



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. Descriptio	on of Work Replace valve (2") with same. (See MCFI-1NC3 & MC 1553-1.0)
8. Test Cond	ducted: Hydrostatic ØPneumatic Operating Pressure Oother Exempt Pressure <u>2310 psig</u> Test Temp. <u>197 °F</u> Pressure <u>psig</u> Test Temp. <u>°F</u>
9. Remarks	
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
	y that the statements made in the report are correct and this repair or replacement he rules of the ASME Code, Section XI.
Type Code Sy	ymbol Stamp <u>N/A</u>
Certificate of	Authorization No. N/A Expiration Date N/A
Signed Ronal	Id D. Talbert/Tech Spec 1 Ronald Talbert Date NOV 15, 1994 Owner or Owner's Designee, Title
Contraction of the second s	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conn 9-14-99 belief, the Ow Report in acco By signing implied, conce Furthermore,	and, holding a valid commission issued by the National Board of Boiler and Pressure tors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>necticut</u> have inspected the components described in this Owner's Report during the period to <u>II-2999</u> , and state that to the best of my knowledge and mer has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. g this certificate neither the Inspector nor his employer makes any warranty, expressed or erning the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury amage or a loss of any kind arising from or connected with this inspection.

Date 11-29 .19 94

1.	Owner         Duke Power Company           Address         422 S. Church St., Charlotte NC 28201		1	1a. Date Sheet	September 21, 1995
	Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Huntersville NC 2         a. Unit       ☑ 1       □2       □       1 and 2 Shared	8078			
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	Expiration Date N/A	3a. 3b.		94057809 (Class A) Repair Organization Job # N/A
	Identification of System         NC - Reactor Coolant           (a) Applicable Construction Code         ASME III 1971 Edit	tion, Summer and Winter Addenda, NONE			Code Cases

(a) Applicable Construction Code <u>ASME III 1971</u> Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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	1MNCVA0095	Kerotest	OCA3-10	14845	model# DP-D-9909-01 item# 09J-016	1977	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

	ced disc				
8. Test Conducted: Hydrostat		Nominal Operating	Pressure ØOther	Exempt D	
Pressure	psig	Test Temp.			
Pressure	psig	Test Temp.	A second s		
Pressure	psig	Test Temp.	°F		
9. Remarks					
(Applicable	e Manufacturer's Da	a Reports to be atta	ached)		
	CERTIFICATE	OF COMPLIANCE			
We certify that the stateme conforms to the rules of the AS	nts made in the rep ME Code, Section >	ort are correct and t (I.	his <u>repair or replacem</u>	ient	
Type Code Symbol Stamp	<u>N/A</u>				
Certificate of Authorization No.	N/A	Expiration Date N/A			
Signed There of	FL Grass Jr / Technical Specialist Date +/ar/, 1995				
	or Owner's Designee	Title	ite <u>4/21/</u> , 19 <u>25</u>		
Owner	owner a Designee	, 1100		5.0 M 24 CP 10 M 10	
na international contract and a constant of the constant of the constant of the constant of the second of					
C	ERTIFICATE OF IN	SERVICE INSPEC	TION	anne valati anti altra dana ang kata ang ka	
I, the undersigned, holding a value of the version of the state of th	alid commission issue or Province of Nor ected the componen -23-95 d examinations and requirements of the either the Inspector nations and corrective ctor nor his employed f any kind arising from	ed by the National I th Carolina and emp its described in this _, and state that to taken corrective me ASME Code, Section nor his employer m e measures describ r shall be liable in a m or connected with	Board of Boiler and Problem Owner's Report durin the best of my knowl easures described in t on XI. akes any warranty, ex bed in this Owner's Re ny manner for any per h this inspection.	<u>Company</u> of g the period edge and his Owner's pressed or port. rsonal injury	
I, the undersigned, holding a value of the Vessel Inspectors and the State Hartford Connecticut have insp $9^{-2-94}$ to $9^{-2}$ belief, the Owner has performe Report in accordance with the rest	alid commission issue or Province of Nor ected the componen -22-95 d examinations and requirements of the either the Inspector pations and corrective ctor nor his employe f any kind arising fro	ed by the National I th Carolina and emp its described in this _, and state that to taken corrective me ASME Code, Section nor his employer m e measures describer r shall be liable in a m or connected with ns WB772S,	Board of Boiler and Problem oloyed by <u>HSBI and I</u> Owner's Report durin the best of my knowl easures described in t on XI. akes any warranty, ex bed in this Owner's Re ny manner for any pe	Company of g the period edge and his Owner's pressed or port. rsonal injury	



1.	Owner	Duke Power Comp					1a. Date	September 20,	1995
	Address	422 S. Church St.,	Charlotte NC 28201				She	et <u>1</u> of	1
2.	Plart	McGuire Nuclear S	and the second se	hi shahi s					
	Address	12700 Hagers Ferr	y Road, Huntersville NC 28	078					
2a	Unit	⊠1 □2 □ 1 and	12 Shared						
3.	Work Per	formed By Duke F	Power Company			3a. Wor	k Order	# 94058580 (Cla	(A 25
	Address	422 S. Church St.,	Charlotte NC 28201					Repair Organiza	statistics was and the state of
		And the Constant day was an element of the Arministration of the second second by the second se	A Authorization No. N/A	Expiration Date N/A		35. NSM	or MM		1001 000 #
4	Identificat	tion of System	NC - Reactor Coolant	and the second second					
5.	(a) Applic	cable Construction (	Code ASME III 1971 Editio	on, Summer and Winte	r Addenda	NONE		C	de Cases
			tion XI Utilized for Repairs						
6.			Repaired or Replaced and			집안 가슴			
		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e of Component	Name of Manufacturer	Manufacturer Serial	National	Other Identification	Year	Repaired,	ASME Code
				Number	Board		Built	Replaced, or	Stamped
					Number		1 - and	Replacement	(yes or no)
		a and a state of the second			Tumber			replacement	(yes of no)

				Number			Replacement	(yes or no)
A	1MNCVA0106	Kerotest	EE1-8	5136	model# DP-D-9909-1 item# 09J-016	1974	Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							C Repaired	□ No □ Yes
D							Repaired	D No Ves
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

8	Description				And in the second se	I NAME AND POST OFFICE ADDRESS OF TAXABLE PARTY.
1. A.	Test Condi	ucted: Hydrostatic DF	neumatic 🗆	Nominal Operating F	Pressure DOther	Exempt 🗆
		Pressure	psig	Test Temp.	۰F	
		Pressure	psig	Test Temp.	°F	
		Pressure	psig	Test Temp.	°F	
۱.	Remarks					
		(Applicable Mar	ufacturer's Da	ta Reports to be attac	hed)	
		c	ERTIFICATE	OF COMPLIANCE		
cor	We certify forms to the	that the statements me rules of the ASME C	ade in the rep ode, Section )	ort are correct and thi KI.	s <u>repair or replacem</u>	ient
Ту	be Code Syr	mbol Stamp <u>N/A</u>				
Ce	rtificate of A	uthorization No. N/A		Expi	ration Date N/A	
	1.2	/				
Sig	ined The			hnical Specialist Date	<u>Ale/</u> , 19 <u>75</u>	
Sig	ned The		<u>Grass Jr / Tec</u> ner's Designed		<u>nhe/</u> , 19 <u>75</u>	
Sig	ined the	Owner or Ow	ner's Designe			
I, ti Ve: Ha bel Re imj	he undersign ssel Inspect rtford Conne 9-2 ief, the Owr port in acco By signing plied, conce rthermore, n	Owner or Ow CERTI ned, holding a valid co ors and the State or P ecticut have inspected 94 to 9-20 ner has performed exa rdance with the requir this certificate neithe rning the examination neither the Inspector n	FICATE OF IN Province of Nor The compone The compone	e, Title <b>ISERVICE INSPECT</b> ued by the National Bo th Carolina and emplo- nts described in this C , and state that to t I taken corrective mea ASME Code, Section nor his employer mal- ve measures describe ar shall be liable in an	ON bard of Boiler and Proved by <u>HSBI and I</u> by her's Report durin he best of my knowl asures described in t XI. kes any warranty, ex d in this Owner's Re y manner for any pe	Company of g the period edge and this Owner's pressed or port.
I, ti Ve: Ha bel Re imj	he undersign ssel Inspect tford Conne 9-2- ief, the Owr port in acco By signing plied, conce thermore, n property dar Inspec	Owner or Ow CERTI ned, holding a valid co ors and the State or P acticut have inspected 94 to 9-20 her has performed exa rdance with the requir this certificate neithe ming the examination	FICATE OF IN FICATE OF IN province of Nor the compone 	ASME Code, Section nor his employer mallor of the Section of the Section nor his employer mallor of the Section nor his employer mallor of the Section nor his employer mallor of the Section of the Section of the Section of the Section of the Section of the Section of the Section of the Section of the Section of the Sect	ON bard of Boiler and Proyed by <u>HSBI and I</u> owner's Report durin he best of my knowl asures described in t XI. kes any warranty, ex d in this Owner's Re y manner for any pe this inspection.	Company of g the period ledge and this Owner's pressed or port. rsonal injury N - Z



1.	Owner Duke Power Company			1a. Date	11/1/95
	Address 422 S. Church St., Ch	arlotte NC 28201		Sheet	1 of 1
2.	Plant McGuire Nuclear Stat	ion			
	Address 12700 Hagers Ferry F	load, Huntersville NC 28078			
2a.	Unit 1 1 1 2 1 1 and 2 5				
3.	Work Performed By Duke Pow	ver Company	3a.	Work Order #	94075825 (CL. A)
	Address 422 S. Church St., Ch	arlotte NC 28201			Repair Organization Job #
		Authorization No. N/A Expiration Date N/A	3b.	NSM or MM #	
		SYSTEM			
5.	(a) Applicable Construction Cod	de ASME III 1971 Edition, Summer and Winter	Addenda, NONE		Code Cases

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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 SYSTEM (CL. A)	DUKE POWER	N/A	37	1NV	1981	<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E		1					Repaired     Replacement     Replaced	□ No □ Yes
F							C Repaired	□ No □ Yes

	ducted: Hydrostatic Pneumatic D Nominal Operating Pressure DOther D Exempt D
	Pressure psig Test Temp. °F
	Pressure <u>psig</u> Test Temp. <u>°F</u> Pressure psig Test Temp. °F
	Pressure psig Test Temp. °F
. Remarks	
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify the rules of	that the statements made in the report are correct and this <u>repair or replacement</u> conforms the ASME Code, Section XI.
	mbol Stamp <u>N/A</u>
	Authorization No. N/A Expiration Date N/A
ligned J.A	Owner or Owner's Designee, Title
	Owner or Owner's Designee, Title
Nama Ananana ana ana ana	Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION
the undersignspectors and connecticut h 20-3 belief, the Ow Report in acco By signing mplied, conce furthermore, f	<b>CERTIFICATE OF INSERVICE INSPECTION</b> aned, holding a valid commission issued by the National Board of Boiler and Pressure Vesse d the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>Hartford</u> ave inspected the components described in this Owner's Report during the period 94 to $11-1-95$ , and state that to the best of my knowledge and ner has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. g this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury of
, the undersignspectors and <u>Connecticut</u> his <u>Consecticut</u> his <u>relief</u> , the Own Report in acco By signing mplied, conce furthermore, no property dama <i>CRO</i>	CERTIFICATE OF INSERVICE INSPECTION and, holding a valid commission issued by the National Board of Boiler and Pressure Vesse d the State or Province of North Carolina and employed by HSBI and I Company of Hartford ave inspected the components described in this Owner's Report during the period 94 to $11-1-95$ , and state that to the best of my knowledge and ner has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. a this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury of age or a loss of any kind arising from or connected with this inspection. Median Commissions $MB7728, M2853, A-N-I$
the undersign aspectors and <u>connecticut</u> his <u>relief</u> , the Own Report in acco By signing mplied, conce furthermore, for poperty dama	<b>CERTIFICATE OF INSERVICE INSPECTION</b> aned, holding a valid commission issued by the National Board of Boiler and Pressure Vessed of the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>Hartford</u> ave inspected the components described in this Owner's Report during the period 9' to $11-1-95$ , and state that to the best of my knowledge and ner has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. If this certificate neither the Inspector nor his employer makes any warranty, expressed or earning the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury of age or a loss of any kind arising from or connected with this inspection.



1.	Owner Address	Duke Power Comp 422 S. Church St.,	Dany Charlotte NC 28201		1a. Date Shee	September 18, t <u>1</u> of			
	Plant Address Unit	McGuire Nuclear S 12700 Hagers Ferr Ø 1 □2 □ 1 and	y Road, Huntersville NC 28	078					
LG.	Unit								
3.	Work Per	formed By Duke F	Power Company			3a. Wor	k Order #	94076755 (Cla	ss A)
	Address	422 S. Church St.,	Charlotte NC 28201					Repair Organiz	ation Job #
	Type Coo	le Symbol Stamp N	A Authorization No. N/A	Expiration Date N/A		3b. NSN	l or MM #	# N/A	
4.	Identifica	tion of System	NI - Safety Injection						
5.	(a) Appli	cable Construction (	Code ASME III 1971 Editio	on, Summer and Winte	Addenda,	NONE		C	ode Cases
			tion XI Utilized for Repairs						
6.	Identifica	tion of Components	Repaired or Replaced and	Replacement Compone	ents				
		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e of Component	Name of Manufacturer	Manufacturer Serial	National	Other Identification	Year	Repaired,	ASME Code

	Name of Component	Name of Manufacturer	Number	Board		Built	Replaced, or Replacement	Stamped (yes or no)
A	1MNIVA0071	Atwood & Morrell	4-15436-01	366	item# 04J-054	1986	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	1.646.647
E							Repaired     Replacement     Replaced	□ No □ Yes
F							C Repaired	□ Nc □ Yes

<ol><li>Description</li></ol>	n of Work Replaced dis	iC			
8. Test Condu	ucted: Hydrostatic DPr	neumatic 🗆 N	Iominal Operating	Pressure ØOther 🗆	Exempt D
	Pressure	psig	Test Temp.	°F	
	Pressure _	psig	Test Temp.	٥F	
	Pressure _	psig	Test Temp.	۰F	
9. Remarks _ -					
	(Applicable Manu	ifacturer's Data	Reports to be atta	ched)	
	CI	ERTIFICATE O	F COMPLIANCE		
We certify conforms to the	that the statements ma e rules of the ASME Co	ade in the report ode, Section XI.	t are correct and th	nis <u>repair or replacen</u>	nent
Type Code Syn	mbol Stamp <u>N/A</u>				
Certificate of A	uthorization No. N/A		Exi	piration Date N/A	
Signed	Aug FLG Owner or Own	er's Designee,	ical Specialist Dat		
Signed J/4	Owner or Own	er's Designee,	ical Specialist Dat	e <u>9/18/</u> , 19 <u>95</u> -	
the undersign Vessel Inspector Hartford Conne 70-6-94 belief, the Own Report in accor By signing implied, concer Furthermore, m	Owner or Own CERTIF ned, holding a valid cor ors and the State or Pr acticut have inspected	TICATE OF INS TICATE	ical Specialist Dat Title ERVICE INSPECT d by the National E Carolina and emp described in this , and state that to ken corrective me SME Code, Section or his employer ma measures describ shall be liable in an	TION Board of Boiler and P loyed by <u>HSBI and I</u> Owner's Report durin the best of my know easures described in n XI. takes any warranty, ex ed in this Owner's Re by manner for any pe	Company of ng the period ledge and this Owner's epressed or eport.
the undersign Vessel Inspector Hartford Conne 70-6-94 belief, the Own Report in accor By signing implied, concer Furthermore, m	Owner or Own CERTIF ned, holding a valid cor ors and the State or Pre- ecticut have inspected to	ICATE OF INS ICATE OF INS mmission issued ovince of North the components The components The components the components the Inspector nor and corrective r his employer s ind arising from Commissions	ical Specialist Dat Title ERVICE INSPECT d by the National E Carolina and emp described in this , and state that to then corrective me SME Code, Section or his employer ma measures describ shall be liable in an or connected with	TION Board of Boiler and P loyed by <u>HSBI and I</u> Owner's Report durin the best of my know assures described in n XI. akes any warranty, ex- ed in this Owner's Re- by manner for any per- this inspection. 8, NC 85 P, A	Company of ing the period ledge and this Owner's expressed or eport. ersonal injury $-\mathcal{N} - \mathcal{I}$
the undersign Vessel Inspector Hartford Conne 70-6-94 belief, the Own Report in accor By signing implied, concer Furthermore, m	Owner or Own CERTIF ned, holding a valid cor ors and the State or Pre- ecticut have inspected to	ICATE OF INS ICATE OF INS mmission issued ovince of North the components The components The components the components the Inspector nor and corrective r his employer s ind arising from Commissions	ical Specialist Dat Title ERVICE INSPECT d by the National E Carolina and emp described in this , and state that to then corrective me SME Code, Section or his employer ma measures describ shall be liable in an or connected with	TION Board of Boiler and P loyed by <u>HSBI and I</u> Owner's Report durin the best of my know easures described in m XI. takes any warranty, ex ed in this Owner's Re my manner for any per this inspection.	<u>Company</u> of ig the period ledge and this Owner's expressed or eport. ersonal injury $-\mathcal{N}-\mathcal{I}$

1	Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201	1a. Date September 18, 1995 Sheet 1 of 1
		Sheet <u>1</u> of <u>1</u>
	Plant McGuire Nuclear Station	
	Address 12700 Hagers Ferry Road, Huntersville NC 28078	
a.	Unit 21 12 1 and 2 Shared	
	Work Performed By Duke Power Company	3a. Work Order # 94078112 (Class A)
	Address 422 S. Church St., Charlotte NC 28201	Repair Organization Job #
	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b. NSM or MM # N/A

Code Cases

4. Identification of System NI - Safety Injection

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Buili	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	1MNIVA0071	Atwood & Morrell	4-15436-01	366	item# 04J-054	1986	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

1. De	escription of We	ork Replaced	disc			
8. Te	st Conducted:	Hydrostatic 🗆	Pneumatic 🗆	Nominal Operati	ng Pressure ØOther	C Exempt C
		Pressure	psig	Test Temp.	oF	
		Pressure	psig	Test Temp	the second s	
		Pressure	psig	Test Temp.	°F	
9. Re	marks	tering to a second second				
	(	Applicable Ma	nufacturer's Da	ta Reports to be a	attached)	
			CERTIFICATE	OF COMPLIANC	E	
v√e confori	e certify that th ms to the rules	e statements of the ASME	made in the rep Code, Section 2	ort are correct an KI.	d this <u>repair or replac</u>	cement
Туре С	Code Symbol S	tamp <u>N/</u>	<u>A</u>			
Certific	cate of Authoriz	ation No. N/	<u>A</u>		Expiration Date N/A	
	1 4 1		5			
	cate of Authoriz	FI	_ . Grass Jr / Tec	hnical Specialist	Expiration Date <u>N/A</u> Date <u>4/19/</u> , 19 <u>95</u>	
	1 4 1	FI	5	hnical Specialist		
	1 4 1	F L Owner or O	<u>Grass Jr / Tec</u> wner's Designed	hnical Specialist	Date <u>4/19/</u> , 19 <u>95</u>	
Signed I, the u Vessel Hartfor /O- belief, Report By implied Further	indersigned, ho Inspectors and Connecticut (2-94) the Owner has in accordance signing this ce d, concerning th rmore, neither	FI Owner or O CERT olding a valid of the State or have inspecte to performed ex with the requirificate neither ne examination the Inspector	Grass Jr / Tec wner's Designer <b>TIFICATE OF IN</b> commission issues Province of Nor by the compone 8 - 9 5 caminations and irements of the er the Inspector ns and corrective nor his employed	hnical Specialist e, Title ISERVICE INSPE ued by the Nationa th Carolina and e nts described in th , and state that I taken corrective ASME Code, Sec nor his employer ve measures desc er shall be liable in	Date <u>a /ig/</u> , 19 <u>95</u> CTION al Board of Boiler and mployed by <u>HSBI an</u> his Owner's Report do to the best of my kn measures described	d Pressure <u>d I Company</u> of uring the period owledge and in this Owner's , expressed or Report.
Signed I, the u Vessel Hartfor /O- belief, Report By implied Further	indersigned, ho Inspectors and Connecticut (2-94) the Owner has in accordance signing this ce d, concerning th rmore, neither	FI Owner or O CERT Iding a valid of the State or have inspecte to <u>Q</u> / performed ex- with the requirtificate neither the examination the Inspector r a loss of any	Grass Jr / Tec wher's Designed TIFICATE OF IN commission issue Province of Nor ed the compone 8-95 caminations and irements of the er the Inspector ns and corrective nor his employed y kind arising from	hnical Specialist a, Title <b>ISERVICE INSPE</b> Used by the Nation th Carolina and e ints described in th , and state that I taken corrective ASME Code, Sec nor his employer ve measures desc or shall be liable in om or connected w ms	Date <u>a /ig/</u> , 19 <u>95</u> ECTION al Board of Boiler and mployed by <u>HSBI an</u> his Owner's Report du to the best of my kn measures described tion XI. makes any warranty ribed in this Owner's n any manner for any	d Pressure <u>d I Company</u> of uring the period owledge and in this Owner's , expressed or Report. personal injury 1 - N - T

1.	Owner Address	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date <u>September 18, 1995</u> Sheet <u>1</u> of <u>1</u>
2.	Plant Address	McGuire Nuclear Station 12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.		formed By Duke Power Company	3a.	Work Order # 94078732 (Class A)
		422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Type Cor	te Symbol Starto N'A Authorization No N/A Expiration Date N/A	3b	NSM or MM# N/A

4. Identification of System NI - Safety Injection

5. (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u> Code Cases (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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	1MNIVA0082	Atwood & Morrill	2-15436-01	364	item# 04J-054	1986	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     neplaced	D No V95
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

7. Descriptio	in of Work Replaced dis	SC			
8. Test Cond	Jucted: Hydrostatic DPr	neumatic 🖾 🕴	Iominal Operating	Pressure ØOther	Exempt
	Pressure	psig	Test Temp.	°F	
	Pressure _	psig	Test Temp.	٥F	
	Pressure _	psig	Test Temp.	٥F	
9. Remarks					
	(Applicable Manu	ifacturer's Data	Reports to be atta	ached)	
	CI	ERTIFICATE C	F COMPLIANCE		
We certify conforms to th	that the statements ma he rules of the ASME Co	ade in the repor ode, Section XI	t are correct and t	his <u>repair or replacem</u>	ent
Type Code Sy	mbol Stamp <u>N/A</u>				
Certificate of A	Authorization No. N/A		Ex	piration Date N/A	
Signed		Brass Jr / Techr ier's Designee,	<u>nical Specialist</u> Da Title	te <u>9/18/</u> , 19 <u>7</u> 5	
	CERTIF	ICATE OF INS	ERVICE INSPEC	TION	
Vessel Inspect Hartford Conn /6-73-90 belief, the Own Report in acco By signing implied, conce Furthermore, r	ined, holding a valid contors and the State or Preciect have inspected $\frac{9}{4}$ to $\frac{9}{2}$ and $\frac{9}{8}$ ner has performed example of this certificate neither the require on this certificate neither the Inspector normage or a loss of any k	ovince of <u>North</u> the component 	Carolina and em s described in this , and state that to aken corrective m SME Code, Section or his employer m measures describ shall be liable in a	Owner's Report durin Owner's Report durin the best of my knowl easures described in t on XI. akes any warranty, ex bed in this Owner's Re ny manner for any pe	Company of g the period edge and his Owner's pressed or port.
Inspec	Acin ctors Signature	Commission	National Board, S	P NC 953 A	$-\mathcal{N}-\mathcal{I}$ dorsements
Date _ 9 -	19 ,1995				A





Code Cases

## 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		1a. Date JUNE 13 1995
	Address	422 S. Church St., Charlotte NC 28201		Sheet 1 of 1
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.	Work Pe	formed By Duke Power Company	3a.	Work Order # 92041937 (Duke Cl. B)
		422 S. Church St., Charlotte NC 28201		Repair Organization Job #
		le Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM # N/A

4. Identification of System SAFETY INJECTION (NI) SYSTEM

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>N-416 & N-416-1</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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	KEROTEST	CK7-13	4000	VALVE TAG 1NI158	1974	Repaired     Replacement     Replaced	□ No ☑ Yes
В	VALVE	KEROTEST	CE8-3	4159	VALVE TAG 1NI158	1974	Repaired     Replacement     Replaced	□ No Ø Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

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

7. Desc	cription of Work_REPLACED [	DAMAGED 2" \	ALVE WITH SAM	ME. (SEE REMARKS)
8. Test	Conducted: Hydrostatic DPne	eumatic 🗆 Nom	inal Operating Pre	essureIIOtherDExempt D
	Pressure	psig	Test Temp.	
	Pressure	psig	Test Temp.	°F
	Pressure	psig	Test Temp.	°F
9. Rem	arks <u>Valve replaced by cutting</u> isometric MCFI-1NI41. A test, REF ASME CODE	Also system lea	kage test perform	II1F1527 shown on welding red in lieu of a system hydrostatic
	(Applicable Manu			ached)
	CE	ERTIFICATE O	F COMPLIANCE	
			are correct and th	nis repair or replacement conforms
to the rul	les of the ASME Code, Section	n XI.		
Туре Со	de Symbol Stamp N/A			
Cartifica	te of Authorization No. N/A			initiation Data NI/A
Centinca	te of Authonization No. IN/A		0 -11	piration Date N/A
Signed	Ronald D. Talbert/Tech Spec I	11 Konald	Dalkat	Date_Jun 13, 1995
olgileu .	Owner or Own	er's Designee	Title	Oate_ <u></u> 01110, <u>1000</u>
	office of office	er a beargriee,	1 MC	
	and the second secon		ALEXAND TRUCK INCOMENDATION INCOMENDATION OF	-
	CERTIF	ICATE OF INS	ERVICE INSPILC	rion
	dentered between the	the second s		
				Board of Boiler and Pressure Vess
				by HSBI and I Company of Hartford
Connect	icut have inspected the compo	ar describe	a in this Owners	o the best of my knowledge and
Charles and the second second second	Owner has performed ever	7 2	, and state that to	easures described in this Owner's
	n accordance with the requirer			
				akes any warranty, expressed or
	concerning the examinations a			
				ny manner for any personal injury of
	damage or a loss of any kind			
hisbard	adding of a loop of any kind	anong nom or		ing in appoint in

Date 6-15, 1995



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

As Required by the Provisions of the ASME Code Section XI

1.	Owner	Duke Power Comp	bany				a. Date	October 2, 1995	
	Address	422 S. Church St.,	Charlotte NC 28201				She	et <u>1</u> of	1
	Plant Address Unit	McGuire Nuclear S 12700 Hagers Ferr ☑ 1 □2 □ 1 and	y Road, Huntersville NC 28	078					
3.	Address		Power Company Charlotte NC 28201 /A Authorization No. N/A	Expiration Date <u>N/A</u>			Order	# <u>92055317 (Clas</u> Repair Organiza # <u>N/A</u>	
4.			NM - Nuclear Sampling						
5.			Code ASME III 1971 Edition tion XI Utilized for Repairs					Co	de Cases
6.			Repaired or Replaced and			ud			
1		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e 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	1N	INMVA0092	Dresser	TE09060	266	model# 1910-30F File# V1153	1978	<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	□ No ☑ Yes
B	1M	INMVA0092	Dresser	TJ17695	1952	model# 1910-30F QA Tag# MC36144 PO# W06719	1992	Repaired     Replacement     Replaced	□ No ☑ Yes
C								Repaired     Replacement     Replace	□ No □Yes
D								Repair ed     Rer (acement     Replaced	□ No □ Yes
E								Repaired     Replacement     Replaced	□ No □ Yes
F								Repaired     Replacement     Replaced	□ No □ Yes

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

	Description		JUG VAIVO		
8.			c 🗆 Pneumatic 🗆	Nominal Operatin	g Pressure ØOther D Exempt D
		Pressure	psig	Test Temp.	°F
		Pressure	psig	Test Temp.	
		Pressure	psig	Test Temp.	<u> </u>
₽.	Remarks .				
		(Applicable	Manufacturer's Da	ta Reports to be at	ached)
-	erne device an a serie p		CERTIFICATE	OF COMPLIANCE	
or	We certify forms to the	that the statement of the ASM	nts made in the rep ME Code, Section )	ort are correct and (I.	this <u>repair or replacement</u>
y	be Code Sy	mbol Stamp	N/A		
e	tificate of A	uthorization No.	N/A	E	piration Date N/A
210	and . 144	1			11.00-
Sig	ned Itt	Owner o	F L Grass Jr / Tec	hnical Specialist D	ate <u>re/2/</u> , 19 <u>95</u>
Sig	ned Hy	Owner o	<u>F L Grass Jr / Tec</u> r Owner's Designee	hnical Specialist D a, Title	ate <u>ro/2/</u> , 19 <u>25</u>
Sig	ned H	/ Owner o	r Owner's Designee	hnical Specialist D e, Title ISERVICE INSPEC	
I, th Ves Hai bel Rej imp	te undersign ssel Inspect tford Conne 7-29-92 ief, the Owr port in acco By signing blied, conce thermore, n	Owner o CE ned, holding a valors and the State ecticut have inspe- to	The formation of the second s	e, Title ISERVICE INSPEC ied by the National th Carolina and em nts described in this , and state that t taken corrective m ASME Code, Secti nor his employer m re measures descri er shall be liable in	TION Board of Boiler and Pressure ployed by <u>HSBI and I Company</u> of s Owner's Report during the period o the best of my knowledge and heasures described in this Owner's on XI. hakes any warranty, expressed or bed in this Owner's Report. any manner for any personal injury
, th lai cell Rep mp	te undersign ssel Inspect tford Conne 7-29-92 ief, the Owr port in acco By signing blied, conce thermore, n	Owner o CE ned, holding a valors and the State ecticut have inspe- to	<b>ERTIFICATE OF IN</b> Id commission issues or Province of Nor- ected the componen- $c - 2 - 4 \le$ I examinations and equirements of the either the Inspector ations and corrective tor nor his employed any kind arising from	e, Title ISERVICE INSPEC ied by the National th Carolina and em its described in this , and state that t taken corrective m ASME Code, Secti nor his employer m we measures descri or shall be liable in in the mor connected wi	TION Board of Boiler and Pressure ployed by <u>HSBI and I Company</u> of s Owner's Report during the period o the best of my knowledge and heasures described in this Owner's on XI. hakes any warranty, expressed or bed in this Owner's Report. any manner for any personal injury th this inspection.
, th Ves Har Del Rep mp	the undersign ssel Inspect T-29-92 lef, the Owr port in acco By signing blied, conce thermore, r property dar	Owner o CE ned, holding a valors and the State ecticut have inspe- to	The formation of the second s	e, Title ISERVICE INSPEC ied by the National th Carolina and em its described in this , and state that t taken corrective m ASME Code, Secti nor his employer m we measures descri- tor shall be liable in a om or connected wi ns	CTION Board of Boiler and Pressure ployed by <u>HSBI and I Company</u> of s Owner's Report during the period o the best of my knowledge and heasures described in this Owner's on XI. hakes any warranty, expressed or bed in this Owner's Report. any manner for any personal injury
, th Ves Har Dell Rep mp	the undersign ssel Inspect T-29-92 lef, the Owr bort in acco By signing blied, conce thermore, n broperty dar Inspec	Owner o CE ned, holding a val ors and the State <u>ecticut</u> have inspe <u>to</u> <u>(</u> ) her has performed rdance with the re this certificate ne rning the examina- neither the Inspec mage or a loss of	<b>ERTIFICATE OF IN</b> Id commission issues or Province of Nor- ected the componen- $c - 2 - 4 \le$ I examinations and equirements of the either the Inspector ations and corrective tor nor his employed any kind arising from	e, Title ISERVICE INSPEC ied by the National th Carolina and em its described in this , and state that t taken corrective m ASME Code, Secti nor his employer m we measures descri- tor shall be liable in a om or connected wi ns	Board of Boiler and Pressure ployed by <u>HSBI and I Company</u> of s Owner's Report during the period o the best of my knowledge and heasures described in this Owner's on XI. hakes any warranty, expressed or bed in this Owner's Report. any manner for any personal injury th this inspection.

.

FORM NIS-2 OWNER'S RE REPAIRS OR REPLACEMENTS

# As Required by the Provisions of the ASME Code Section XI

1	Owner	Duke Power Com					1a. Dat	e	(
	Address	422 S. Church St.,	Charlotte NC 28201				She	et of	1
2	Plant Address	McGuire Nuclear S 12700 Hagers Fen	Station ry Road, Hunterville NC 280	078					
28	a. Unit	GT D2 D1a	ind 2 Shared						
3.		formed By Duke	Power Company Charlotte NC 28201			3a. Wo	rk Order	#_ 920850	
	Type Cod	te Symbol Stamp N	<u>/A</u> Authorization No. <u>N/A</u>	Explration Date N/A		3b. NSM	A or MM	Repair Organiza #/VA	ation Job #
4.	Identificat	tion of System	CF						
5.	(a) Applic	cable Construction	Code ASME III 1971 Edition	on, Summer and Winte	Addenda	NO		Co	de Cases
6.	(b) Applic Identificat	cable Edition of Sec tion of Components	tion XI Utilized for Repairs Repaired or Replaced and	or Replacements <u>1986</u> Replacement Compon	, no Adden ents	da			
		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e 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	HANGET 1-MCR-C		DUIKE POWER	NA	NA	SNUBBER_ S/N 15835		Repaired Replacement Replaced	G No G Yes
В	1-MCR-C HANGE I-MCR-C	n GF-302	DUIKE POWER	NA	NA	SNUBBER SÍN 15828		Repaired Replacement Replaced	□ <del>No</del> □ Yes
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired Replacement Replaced	D No Ves
E			•					Repaired     Replacement     Replaced	□ No □ Yes
F								Repaired     Replacement     Replaced	□ No □ Yes

7. Descriptio	
8. Test Cond	ducted: Hydrostatic D Pneumatic Nominal Operating Pressure Other C Exempt D
	Pressure psig Test Temp. °F Pressure psig Test Temp. °F
9. Remarks	SNUBBER TESTED PARE TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to th	that the statements made in the report are correct and this repair or replacement ne rules of the ASME Code, Section XI.
Evpe Code Si	
1000000	mbol Stamp N/A
	Authorization No. N/A Expiration Date N/A
Certificate of	Authorization No. N/A Expiration Date N/A
Certificate of	
Certificate of	Authorization No. N/A Expiration Date N/A Helblach, TECHNICAC SPECIALIST # Date 11/7, 1994
Certificate of	Authorization No. N/A Expiration Date N/A Helblach, TECHNICAC SPECIALIST # Date 11/7, 1994
Certificate of A Signed 7 Signed 7 I, the undersig Vessel Inspect Hartford Conr 9-24-9 belief, the Ow Report in accor By signing implied, concor Furthermore,	Authorization No. <u>N/A</u> <u>Expiration Date N/A</u> <u>Expiration Date N/A</u> <u>Expiration Date N/A</u> <u>Date 11/7</u> , 19 <u>94</u> <u>Owner or Owner's Designee, Title</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> <u>Gened, holding a valid commission issued by the National Board of Boiler and Pressure</u> to sand the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>necticut</u> have inspected the components described in this Owner's Report during the period <u>to 11-24-94</u> , and state that to the best of my knowledge and mer has performed examinations and taken corrective measures described in this Owner's <u>ordance with the requirements of the ASME Code, Section XI.</u> <u>of this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury</u>
Certificate of A Signed 7 Signed 7 I, the undersigned Vessel Inspect Hartford Conr 9-29-9 Delief, the Ow Report in accord By signing Implied, concord Furthermore, or property da	Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> <u>Authorization No. <u>N/A</u> <u>Expiration Date <u>N/A</u> <u>Date 11/7</u>, 19<u>94</u> <u>Owner or Owner's Designee, Title</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>to 11-24-94</u>, and state that to the best of my knowledge and mer has performed examinations and taken corrective measures described in this Owner's produce with the requirements of the ASME Code, Section XI. of this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report.</u></u>

1.		uke Power Comp 22 S. Church St.,	Charlotte NC 28201					June 16, 1993 et <u>1</u> of	1
2. 2a	Address 1	IcGuire Nuclear S 2700 Hagers Ferr 1 1 2 1 1 a	ry Road, Hunterville NC 2807	78					
3.	Address 42		Power Company Charlotte NC 28201 /A Authorization No. N/A I	Expiration Date <u>N/A</u>				#_ <u>92087709</u> Repair Organiza #_MM-3736	tion Job #
4. 5. 6.	(a) Applical (b) Applical	ble Construction ( ble Edition of Sec	Main Steam Vent to Atmos Code <u>ASME III</u> 19 <u>71</u> Editio ction XI Utilized for Repairs of Repaired or Replaced and F	n, Summer and Winte or Replacements 1986,	no Addeni	. No da		Co	de Cases
<b></b>	C	olumn 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Contraction of the second second second	of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stamped (yes or no
A	Valve 1SV	01	Control Components & Incorp. (CCI)	15958-2-1	7		1977	Repaired     Replacement     Replaced	□ No ☑ Yes
В								Repaired     Replacement     Replaced	□ No □ Yes
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired     Replacement     Replaced	□ No □ Yes
E								Repaired     Replacement     Replaced	D No Yes
F								Repaired     Replacement     Replaced	□ No □ Yes

E

e

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. Descriptio	on of Work Sleeve to	Packing Box S	Seal Weld		
8. Test Cond	ducted: Hydrostatic 🛛	Pneumatic	Nominal Operating	Pressure Other	Exempt
	Pressure	psig	Test Temp.	<u>°F</u>	
	Pressure	psig	Test Temp.	°F	
	Pressure	psig	Test Temp.	٥F	
9. Remarks	Non-Pressure Reta	ining Weld			
	(Applicable Ma	nufacturer's Da	ita Reports to be att	ached)	
		CERTIFICATE	OF COMPLIANCE		
Conforms to the	y that the statements in the rules of the ASME ymbol Stamp <u>N//</u> Authorization No. N//	Code, Section	XI.	this <u>repair or replacen</u> opiration Date <u>N/A</u>	<u>nent</u>
		ant		1 0-	
Signed	R.P. Jak		D	ate 6/16, 1993	
	Owner or O	wner's Designe	e, Title	/	
	CERT	IFICATE OF I	NSERVICE INSPEC	TION	and the classifier of the south of the state of the south
Vessel Inspect Hartford Conn 5-/5- belief, the Ow Report in acc By signin implied, conc Furthermore,	gned, holding a valid of ctors and the State or <u>necticut</u> have inspected by the spectrum of the spectrum ordance with the required and the spectrum of this certificate neither the examination neither the Inspector amage or a loss of any	Province of No ed the compone 16-23 caminations and irements of the er the Inspector ons and correction nor his employ	th Carolina and em ents described in this , and state that t d taken corrective m ASME Code, Secti r nor his employer n ve measures descri er shall be liable in	ployed by <u>HSBI and I</u> s Owner's Report durin to the best of my know heasures described in on XI. hakes any warranty, e bed in this Owner's Re any manner for any pe	<u>Company</u> of ng the period vledge and this Owner's xpressed or eport.

 Refine
 Commissions
 NB7728
 NC853
 A-N-I

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

 Date
 828
 1995

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

As Required by the Provisions of the ASME Code Section XI

1	Owner	Duke Power Comp	any				la. Date	e September 18, 1	995
		422 S. Church St.,					She	et <u>1</u> of	1
	Plant Address Unit	McGuire Nuclear S 12700 Hagers Ferr ☑ 1 □2 □ 1 and	y Road, Huntersville NC 28	078					
3	Work Pe	rformed By Duke P	Power Company			3a. Worl	Order	# 92092072 (Clas	s B)
<b>.</b>	Address	422 S. Church St.,	Charlotte NC 28201					Repair Organiza	tion Job #
	Type Coo	te Symbol Stamp N/	A Authorization No. N/A	Expiration Date N/A		3b. NSM	or MM	# <u>N/A</u>	
4	Identifica	tion of System	(CW - Civil Work (Pen# 46)	1)					
5.	(a) Appli	cable Construction C	Code ASME III 1971 Editio	on, Summer and Winte	r Addenda	NONE		Co	de Cases
	(b) Appli	cable Edition of Sec	tion XI Utilized for Repairs	or Replacements 1989	no Addeno	ia			
6.	Identifica	tion of Components	Repaired or Replaced and	Replacement Componi	ents				
	I	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	ne of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stamped (yes or no)
A	1)	XCWPFE461	Duke Power	N/A	N/A	1XCWPFE461	N/A	Repaired     Replacement     Replaced	Ø No □ Yes
В								Repaired     Replacement     Replaced	□ No □ Yes
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired     Replacement     Replaced	□ No □ Yes
E		S. Starts						Repaired     Replacement     Replaced	□ No □ Yes
F								Repaired     Replacement     Replaced	□ No □ Yes



	ption of Work Replaced nu	4	and the second se		the second se
3. Test C	onducted: Hydrostatic DPn	eurnatic D No		Pressure ØOther	Exempt 🗆
	Pressure _	psig	Test Temp.	°F	
	Pressure _	psig	Test Temp.	°F	
	Pressure _	psig	Test Temp.	۰F	
). Rema	rks Work performed on per	etration to build	ing (461)		
	(Applicable Manu	facturer's Data I	Reports to be atta	ached)	
	CE	RTIFICATE OF	COMPLIANCE		
	ertify that the statements ma to the rules of the ASME Co		are correct and t	his <u>repair or replacer</u>	<u>nent</u>
Type Cod	e Symbol Stamp <u>N/A</u>				
Certificate	of Authorization No. N/A		Ex	piration Date N/A	
Signed		Grass Jr / Techn ler's Designee, "		ite <u>1/19/</u> , 19 <u>75</u>	
	CERTIF	ICATE OF INS	ERVICE INSPEC	TION	
		and the second			
Vessel In: Hartford ( S-20 belief, the Report in By sig implied, c Furtherm	ersigned, holding a valid co spectors and the State or Pr <u>Connecticut</u> have inspected $-\frac{2}{3}$ to $-\frac{2}{3}$ Owner has performed examinations accordance with the require gning this certificate neither concerning the examinations ore, neither the Inspector no by damage or a loss of any b	ovince of <u>North</u> the components <u>25</u> minations and ta ements of the As the Inspector no s and corrective or his employer s	Carolina and em described in this and state that to ken corrective m SME Code, Section or his employer m measures descri- shall be liable in a	ployed by <u>HSBI and</u> Owner's Report dur to the best of my know easures described in on XI. hakes any warranty, e bed in this Owner's F any manner for any p	I Company of ing the period wledge and this Owner's expressed or Report.
Vessel Ins Hartford ( S-200 belief, the Report in By sig implied, o Furtherm or proper	owner has performed examinations of the connecticut have inspected to <u>1000000000000000000000000000000000000</u>	wince of North the components <u>95</u> minations and taken ements of the As the Inspector no s and corrective or his employer s kind arising from Commissions	Carolina and em described in this , and state that to ken corrective m SME Code, Section of his employer m measures descri- shall be liable in a or connected with NB776	ployed by <u>HSBI and</u> Owner's Report dur to the best of my know easures described in on XI. hakes any warranty, o bed in this Owner's R any manner for any p th this inspection.	<u>I Company</u> of ing the period wiedge and this Owner's expressed or Report. bersonal injury
Vessel Ins Hartford C S-200 belief, the Report in By sig implied, of Furtherm or proper	owner has performed examinations oncerning the examinations ore, neither the Inspector no	wince of North the components <u>95</u> minations and taken ements of the As the Inspector no s and corrective or his employer s kind arising from Commissions	Carolina and em described in this , and state that to ken corrective m SME Code, Section of his employer m measures descri- shall be liable in a or connected with NB776	ployed by <u>HSBI and</u> o Owner's Report dur to the best of my know easures described in on XI. hakes any warranty, o bed in this Owner's R any manner for any p th this inspection.	<u>I Company</u> of ing the period wiedge and this Owner's expressed or Report. bersonal injury



1.	Owner         Duke Power Company           Address         422 S. Church St., Charlotte NC 28201		1a. Date <u>September 21, 1995</u> Sheet <u>1</u> of <u>1</u>
	Plant     McGuire Nuclear Station       Address     12700 Hagers Ferry Road, Huntersville NC 28078       Unit     1 1 12 1 and 2 Shared		
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.	Work Order # <u>93001268 (Class B)</u> Repair Organization Job # NSM or MM #_N/A
5.	Identification of System       NV - Chemical & Volume Control         (a) Applicable Construction Code       ASME III 1971 Edition, Summer and Winter Addenda, NOI         (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda         Identification of Components Repaired or Replaced and Replacement Components	NE	Code Cases

	Column 1	Column 2	Column 3	Coi. 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	1MNVVA0483	Dresser	TE-09054	265	model#1910-30F	1978	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							C Repaired	D No Ves
E							C Repaired	□ No □ Yes
F							Repaired	□ No □ Yes

7.	Description	n of Work Replaced d	ISC			
8.	Test Condu	ucted: Hydrostatic DF	Pneumatic D		Pressure ØOther 🗆	Exempt 🗆
		Pressure	psig	Test Temp.	°F	
		Pressure	psig	Test Temp	°F	
		Pressure	psig	Test Temp.	°F	
	Remarks _					
		(Applicable Mar	ufacturer's Data	Reports to be attac	ched)	
		0	CERTIFICATE O	F COMPLIANCE		
or	We certify forms to the	that the statements m e rules of the ASME C	nade in the repor Code, Section XI.	t are correct and th	is <u>repair or replacen</u>	nent
'yı	be Code Syn	mbol Stamp <u>N/A</u>				
e	A to otraitit	Abovioration bis but				
	initiate of A	uthorization No. N/A		Exp	iration Date N/A	
Sig	ned 1/4	au C. FL	Grass Jr / Techr	ical Specialist Date		
Sig		au C. FL		ical Specialist Date		
Sig		Aus FL Owner or Ow	Grass Jr / Techr ner's Designee,	ical Specialist Date	ey/24/, 1925-	
, they have been a set of the set	ned 1/4 ne undersign ssel Inspector tford Conne 3 - 2 6 9 ief, the Own port in accor By signing blied, concer thermore, more property dam Inspect	ERTI Owner or Ow CERTI ned, holding a valid co ors and the State or P ecticut have inspected	Grass Jr / Techr mer's Designee, FICATE OF INS ommission issue rovince of North the components $y - g \leq$ comminations and ta ements of the As r the Inspector no s and corrective or his employer kind arising from Commissions	ical Specialist Data Title ERVICE INSPECT d by the National B Carolina and emplois described in this of , and state that to aken corrective me SME Code, Section or his employer ma measures describe shall be liable in an or connected with	et / 24/, 1925 ION oard of Boiler and P oyed by <u>HSBI and I</u> Owner's Report durin the best of my know asures described in a XI. kes any warranty, and d in this Owner's Re y manner for any pe	<u>Company</u> of ng the period ledge and this Owner's eport. eport. ersonal injury A - N - 2

1.	Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201	1a Date 2/17/95 Sheet of
2	Plant McGuire Nuclear Station Address 12700 Hagers Ferry Road, Hunterville NC 28078	CLASS B
28	Unit 1 1 2 1 1 and 2 Shared	
3	Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201	38. Work Order # <u>930/5502 /01</u> Repair Organization Job #
	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b NSM or MM # N/A
4	Identification of System	~ 그는 것 이 것 같은 것 같이 많이 많이 없다.

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NO</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u>, no Addenda
 6. Identification of Components Repaired or Replaced and Replacement Components

-	Column 1	Column 2	Column 3	Col. 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	1 MCA- SM- 103	DUNE ADWER COMPANY	N/A	N/A	SNUBBER S/N 15688	NA	Repaired Replacement Replaced	I Yes
8	1 MCA - SM - 103	DUNS POWER COMPANY	N/A	N/A	SNUBBER S/N 16544	N/A	Repaired Replacement Replaced	P No Ves
С							Repaired     Replacement     Replaced	O No Yes
D							Repaired     Replacement     Replaced	O No Yes
E				e <sup>ik</sup>			Repaired Replacement Replaced	O No Yes
F							C Repaired	O No Ves

Code Cases



7. Description	n of Work Road	ICED SAU	BBBR	
8. Test Cond	ucted: Hydrostatic 🖸 P	neumatic 🖸	Nominal Operatin	g Pressure Other Exempt O
	Pressure	psig	Test Temp.	
	Pressure	psig	Test Temp.	٥F
	Pressure _	psig	Test Temp.	or
Remarks	SAUBBER TESTE	& PRIOR	TO INSTALL	470N
	(Applicable Manu	facturer's Data	a Reports to be at	tached)
	CE		OF COMPLIANCE	L
We certify	that the statements ma	ide in the repo	rt are correct and	this repair or replacement
ype Code Sy	mbol Stamp N/A			
Certificate of A	Authorization No. N/A		E	xpiration Date N/A
ligned	they Too	and San		Date 2/12/ 19 25-
Signed	" Owner or Own			pare /2/, 19 25</th
		or o boorginou		
AND CALOR CONTRACTOR DESCRIPTION AND DESCRIPTION	CERTIF	ICATE OF IN	SERVICE INSPE	CTION
Vessel Inspect Hartford Conn Delief, the Own Report in accor By signing implied, conce Furthermore, i	tors and the State or Pr <u>ecticut</u> have inspected <u>a</u> to <u>a</u> <u>a</u> ordance with the require this certificate neither eming the examinations neither the Inspector no mage or a loss of any k	the component minations and ments of the A the inspector is and corrective or his employed and arising from	h Carolina and en its described in the 	makes any warranty, expressed or ribed in this Owner's Report. any manner for any personal injury with this inspection.
Inspec	tops Signature	Commission		B, NC, BS3, A-N-I State, Province and Endorsements
Date 2-	20 1995			



1.	Owner Address	Duke Power Company 422 S. Church St., Chariotte NC 28201		1a. Date Sheet	September 19, 1995 <u>1</u> of <u>1</u>
2.	Plant Address	McGuire Nuclear Station 12700 Hagers Ferry Road, Huntersville NC 28078			
2a	Unit	☑ 1 □2 □ 1 and 2 Shared			
3.		formed By Duke Power Company	3a.		93023255 (Class B)
		422 S. Church St., Charlotte NC 28201 le Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	01		Repair Organization Job #
	Type Cut	Symbol Stamp MA Autionzation No. MA Expitation Date MA	3b.	NSM or MM #_	N/A
4.	Identifica	tion of System NV - Chemical & Volume Control			
5.		cable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NONE	111		Code Cases
1.1		cable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda			
6.	Identifica	tion of Components Repaired or Replaced and Replacement Components			

	Column 1	Column 2	Column 3	Col. 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	1MNVVA0010	Walworth	A-0591	35	item# 4D-024	1973	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

1 A -	Test Condu	ucted: Hydrostatic DPr		nuts Iominal Operating	Pressure ØOther D Exempt D
		Pressure	psig	Test Temp.	and the second of the second of a cost of the second s
		Pressure	psig	Test Temp.	°F
		Pressure	psig	Test Temp.	<u>°F</u>
	Remarks				
		(Applicable Manu	ifacturer's Data	Reports to be atta	ched)
		CI	ERTIFICATE O	F COMPLIANCE	
:01	We certify nforms to the	that the statements ma e rules of the ASME Co	ade in the report ode, Section XI.	are correct and th	is <u>repair or replacement</u>
y	pe Code Syr	mbol Stamp <u>N/A</u>			
e	rtificate of A	uthorization No. N/A		Exp	iration Date N/A
Sig	ined the	Owner or Own	Brass Jr / Techn Ier's Designee,	<u>ical Specialist_</u> Dat Title	e <u>9/19/</u> , 19 <u>25</u>
Sig	ned KHa	Owner or Own	er's Designee,		
, t la la la la la la la la la la la la la	he undersign ssel Inspect dford Conne 3 - 2 - 2 - ief, the Owr port in acco By signing plied, conce rthermore, m	Owner or Own CERTIF ned, holding a valid con ors and the State or Pr ecticut have inspected to 9-49- ner has performed exar rdance with the require this certificate neither ming the examinations neither the Inspector no	TICATE OF INS TICATE OF INS mmission issued ovince of North the components $\frac{9}{5}$ minations and ta ments of the As the Inspector no and corrective r his employer s	Title ERVICE INSPECT d by the National E <u>Carolina</u> and emp s described in this , and state that to aken corrective me SME Code, Section or his employer ma measures describe shall be liable in an	TON loard of Boiler and Pressure loyed by <u>HSBI and I Company</u> of Owner's Report during the period the best of my knowledge and asures described in this Owner's a XI. ikes any warranty, expressed or ed in this Owner's Report. by manner for any personal injury
Ha bel Re Fu	he undersign ssel Inspect rtford Conne 327-9 lief, the Owr port in acco By signing plied, conce rthermore, re property dar Inspec	Owner or Own CERTIF ned, holding a valid cor ors and the State or Pr ecticut have inspected to 9-19- ner has performed exar rdance with the require this certificate neither rning the examinations	TICATE OF INS TICATE OF INS mmission issued ovince of North the components S minations and ta ments of the As the Inspector no and corrective r his employer s ind arising from Commissions	Title ERVICE INSPECT d by the National E <u>Carolina</u> and emp s described in this , and state that to aken corrective me SME Code, Section or his employer ma measures describe shall be liable in an or connected with	TON loard of Boiler and Pressure loyed by <u>HSBI and I Company</u> of Owner's Report during the period the best of my knowledge and asures described in this Owner's a XI. ikes any warranty, expressed or ed in this Owner's Report. by manner for any personal injury



1.	Owner	Duke Power Company		1a. Date September 19, 1995
	Address	422 S. Church St., Charlotte NC 28201		Sheet 1 of 1
2	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a	. Unit	☑ 1 □2 □ 1 and 2 Shared		
3.	Work Per	formed By Duke Power Company	3a.	Work Order # 93023256 (Class B)
	Address	422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Type Cod	le Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM #_N/A
4.	Identificat	ion of System NV - Chemical & Volume Control		
5	(a) Appli	cable Construction Code ASME III 1971 Edition Summer and Winter Addenda NONE		Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda
 6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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	1MNVVA0011	Walworth	A-0593	24	item# 04D-024	1973	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

8	Description	n of Work Replaced bo	miler studs and i	IUIS		
0.	Test Cond	ucted: Hydrostatic DP			g Pressure ØOther I	□ Exempt □
		Fressure	psig	Test Temp.		
		Pressure	psig	Test Temp.	A Province of the action of the second design of th	
		Pressure	psig	Test Temp.	°E	
).	Remarks					
		(Applicable Man	ufacturer's Data	Reports to be att	ached)	
		c	ERTIFICATE O	F COMPLIANCE		
cor	We certify forms to th	that the statements m e rules of the ASME C	ade in the report ode, Section XI.	are correct and	this <u>repair or replace</u>	ement
Гур	be Code Sy	mbol Stamp <u>N/A</u>				
		uthorization No. N/A		E	xpiration Date N/A	
Sig	ned KH	Owner or Own	<u>Grass Jr / Techn</u> ner's Designee, 1	ical Specialist D Fitle	ate <u>9/19/</u> , 19 <u>25</u>	
				ar and an end of the second		
B.HILLARN		CERTI	FICATE OF INS	ERVICE INSPEC	TION	
Vei Ha bel Re	ssel Inspect rtford Conn ief, the Owr port in acco By signing blied, conce rthermore, r	ned, holding a valid co ors and the State or P ecticut have inspected	mmission issued rovince of <u>North</u> the components <u>7-95</u> minations and ta ements of the As the Inspector no s and corrective or his emologers	by the National <u>Carolina</u> and err described in this , and state that t ken corrective rr ME Code, Section or his employer n measures descri- shall be liable in	Board of Boiler and ployed by <u>HSBI and</u> s Owner's Report du o the best of my kno heasures described i on XI. hakes any warranty, bed in this Owner's l any manner for any th this inspection.	I I Company of ring the period owledge and n this Owner's expressed or Report. personal injury
	ssel Inspect rtford Conn ief, the Owr port in acco By signing blied, conce rthermore, r	ned, holding a valid co ors and the State or P ecticut have inspected to	mmission issued rovince of North the components 2-95 minations and ta ements of the As the Inspector no s and corrective or his employers kind arising from 	by the National <u>Carolina</u> and err described in this , and state that the ken corrective measures describer this employer nor measures describer and be liable in or connected with MB7772	Board of Boiler and ployed by <u>HSBI and</u> s Owner's Report du o the best of my kno neasures described i on XI. nakes any warranty, bed in this Owner's l any manner for any th this inspection.	I I Company of ring the period wiedge and n this Owner's expressed or Report. personal injury
Ve: Ha bel Re imj	ssel Inspect rtford Conn ief, the Own port in acco By signing blied, conce thermore, r property dat	ned, holding a valid co ors and the State or P ecticut have inspected to	mmission issued rovince of North the components 2-95 minations and ta ements of the As the Inspector no s and corrective or his employers kind arising from 	by the National <u>Carolina</u> and err described in this , and state that the ken corrective measures describer this employer nor measures describer and be liable in or connected with MB7772	Board of Boiler and ployed by <u>HSBI and</u> s Owner's Report du o the best of my kno heasures described i on XI. hakes any warranty, bed in this Owner's l any manner for any th this inspection.	I I Company of ring the period wiledge and n this Owner's expressed or Report. personal injury



1.	Owner	Duke Power Company	1a. Date September 21, 1995	
	Address	422 S. Church St., Charlotte NC 28201	Sheet 1 of 1	
2	Direct	McCuire Nuclear Clotion		
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3	Work Pe	rformed By Duke Power Company	3a. Work Order # 93025040 (Class B)	
۰.			Solution and the state of the solution of the	ł

Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> 3a. Work Order # <u>93025040 (Class B)</u> Repair Organization Job # 3b. NSM or MM # N/A

4. Identification of System KC - Component Cooling

5. (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u> Code Cases (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 4	Column 5	Coi 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	1MKCVA0072	Kerotest	JH16-3	7677	model# 03-3415-1	1975	Repaired     Replacement     Replaced	□ No ☑ Yes
В	9						Repaired     Replacement     Replaced	D No Ves
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

	escription of Work Replace	ј уоке			
8. Te	st Conducted: Hydrostatic	DPneumatic D	Nominal Operati	ng Pressure ØOther 🗆	Exempt D
	Pressure	psig	Test Temp.	the second s	
	Pressure	psig	Test Temp.		
	Pressure	psig	Test Temp.	<u>•</u> F	
9. Re	emarks				
	(Applicable M	/anufacturer's Dat	a Reports to be a	ttached)	
		CERTIFICATE	OF COMPLIANC	E	
Wi	e certify that the statement rns to the rules of the ASM	s made in the repo E Code, Section X	ort are correct and I.	this <u>repair or replacen</u>	nent
Гуре С	Code Symbol Stamp	<u>1/A</u>			
Certific	cate of Authorization No. No.	1/A	E	Expiration Date N/A	
Signed	Schow Downer or	L Grass Jr / Tech Owner's Designee	nical Specialist_[ , Title	Date <u>9/21/</u> , 19 <u>95</u> -	
	CEI	RTIFICATE OF IN	SERVICE INSPE	CTION	
the	indersigned, holding a valid	commission issu	ed by the Nationa	Board of Boiler and P	
Vessel Hartfor belief, Report By implied Furthe	Inspectors and the State of a Connecticut have inspectors to the Owner has performed tin accordance with the record signing this certificate neither d, concerning the examinate rmore, neither the Inspector berty damage or a loss of a	ted the componen 7-21-95 examinations and puirements of the A ther the Inspector ions and corrective or nor his employed	h Carolina and en ts described in the , and state that taken corrective ASME Code, Sec nor his employer e measures desc r shall be liable in m or connected w	mployed by <u>HSBI and I</u> is Owner's Report durin to the best of my know measures described in tion XI. makes any warranty, ex ribed in this Owner's Re any manner for any pe vith this inspection.	Company of og the period ledge and this Owner's opressed or oport. irsonal injury
Vessel Hartfor belief, Report By implied Furthe	Inspectors and the State of rd Connecticut have inspect 2 93 to the Owner has performed in accordance with the rec signing this certificate neit d, concerning the examinat rmore, neither the Inspector	ted the componen 7-21-95 examinations and puirements of the A ther the Inspector ions and corrective or nor his employed	h Carolina and en ts described in the , and state that taken corrective ASME Code, Sec nor his employer e measures desc r shall be liable in m or connected w	mployed by <u>HSBI and I</u> is Owner's Report durin to the best of my know measures described in tion XI. makes any warranty, ex ribed in this Owner's Re any manner for any pe	<u>Company</u> of ig the period ledge and this Owner's cpressed or eport. irsonal injury - N - T

Owner	Duke Power Com	pany				1a. Dat	e 11/7/94	6
Address	422 S. Church St.	, Charlotte NC 28201				She	eet of	1
Plant								
Address 1. Unit	12700 Hagers Fer	ry Road, Hunterville NC 280 and 2 Shared	078					
					3a. Wor	k Order	# 930279	41
			Expiration Date N/A		3b. NSM	A or MM	Repair Organiza	ation Job #
Identificat	ion of System	NV						
(a) Applic	able Construction	Code ASME III 1971 Edition	on, Summer and Winte	c Addenda	NO		Co	de Cases
(b) Applic identificat	able Edition of Sec ion of Components	ction XI Utilized for Repairs Repaired or Replaced and	or Replacements <u>1986</u> Replacement Compon	, no Adden ents	da			
	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
Name	e of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stamped (yes or no)
HANGET	2	A CONTRACTOR OF A			SNUBBER		Repaired	C-No
I-MCA-	NV-498	DUKE POWER	NA	NA	S/N 18007	NA	Replacement Replaced	□ Yes
HANGE,	n				SNUBDER		C Repaired	C3 No
1-MCQ-1	NV-498	DUKE POWER	NA	NA	S/W 21407	NA	Replaced	□ Yes
								□ No □ Yes
							Replaced	
							C Repaired	D No
	-				and the second		Replacement Replaced	□ Yes
							Repaired	D No
					1.	12.1		□ Yes
							C Repaired	D No
								Tes Yes
	Address Plant Address Unit Work Per Address Type Cod Identificat (a) Applic (b) Applic identificat (c) Name HANGETA HANGETA HANGETA	Address <u>422 S. Church St.</u> Plant <u>McGuire Nuclear</u> Address <u>12700 Hagers Fer</u> Unit <u>121 2 1 1</u> Work Performed By <u>Duke</u> Address <u>422 S. Church St.</u> Type Code Symbol Stamp <u>M</u> Identification of System (a) Applicable Construction (b) Applicable Edition of Set	Address       422 S. Church St., Charlotte NC 28201         Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 280         Unit       121       2       1 and 2 Shared         Work Performed By       Duke Power Company         Address       422 S. Church St., Charlotte NC 28201         Type Code Symbol Stamp N/A       Authorization No. N/A         Identification of System       NV         (a)       Applicable Construction Code       ASME III 1971 Edition         (b)       Applicable Edition of Section XI Utillzed for Repairs identification of Components Repaired or Replaced and         Column 1       Column 2         Name of Component       Name of Manufacturer         HANGER       DUKE Power         HANGER       DUKE Power	Address       422 S. Church St., Charlotte NC 28201         Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 28078         Unit       Image: Description of the state of the st	Address       422 S. Church St., Charlotte NC 28201         Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 28078         Unit       日1       12         Work Performed By       Duke Power Company         Address       422 S. Church St., Charlotte NC 28201         Type Code Symbol Stamp N/A       Authorization No. N/A       Expiration Date N/A         Identification of System       NV         (a) Applicable Construction Code       ASME III 1971 Edition, Summer and Winter Addenda         (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda         (b) Applicable Edition of Components Repaired or Replaced and Replacement Components         Column 1       Column 2       Column 3       Col. 4         Name of Component       Name of Manufacturer       Manufacturer Serial       National         Board       Number       HAWGER       Number       Number	Address       422 S. Church St., Charlotte NC 28201         Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 28078         Unit       Image: Descent Provided Hyper Company         Address       422 S. Church St., Charlotte NC 28201         Work Performed By       Duke Power Company         Address       422 S. Church St., Charlotte NC 28201         Type Code Symbol Stamp N/A       Authorization No. N/A Expiration Date N/A         Identification of System       NV         (a) Applicable Construction Code       ASME III 1971 Edition, Summer and Winter Addenda, NO         (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda         identification of Components Repaired or Replaced and Replacement Components         Column 1       Column 2       Column 3       Col. 4       Column 5         Name of Component       Name of Manufacturer       Manufacturer Serial National Board Number       Other Identification         HAWEETL       SW4BBETL       SW4BBETL	Address       422 S. Church St., Charlotte NC 28201       Ia. Data She         Plant       McGuire Nuclear Station       Address       12700 Hagers Ferry Road, Hunterville NC 28078         Unit       Image: Difference Company       3a.       Work Order         Address       422 S. Church St., Charlotte NC 28201       3a.       Work Order         Work Performed By       Duke Power Company       3a.       Work Order         Address       422 S. Church St., Charlotte NC 28201       3b.       NSM or MM         Identification of System       MV       3b.       NSM or MM         Identification of System       MV       3b.       NSM or MM         (a) Applicable Construction Code       ASME III 1971 Edition, Summer and Winter       Addenda         (b)       Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda       MO         identification of Components Repaired or Replaced and Replacement Components       Other Identification Year         Structurer       Name of Manufacturer       Manufacturer Serial       National         Name of Component       Name of Manufacturer       Swußbert       Board         HAWEETL       Swußbert       Swußbert       Swußbert	Address       422 S. Church SL, Charlotte NC 28201       Ital. Date       /////2         Plant       McGuire Nuclear Station       Address       12700 Hagers Ferry Road, Hunterville NC 28078         Unit       B1       2       1 and 2 Shared       Repair Organiz         Work Performed By       Duke Power Company       3a.       Work Order #       9302-79         Address       222 S. Church SL, Charlotte NC 28201       Repair Organiz       Type Code Symbol Stamp M/A Authorization No. M/A Expiration Date M/A       3b.       NSM or MM #       /////         (a) Applicable Construction Code       ASME III 1971 Edition, Summer and Winter Addenda       NO       //dendadenda         (a) Applicable Edition of Section XI Utilized for Replacement Sige8, no Addrenda       Other Identification       Year       Repaired, Replaced, or         (a) Applicable Edition of Section XI Utilized for Replacement Sige8, no Addrenda       Other Identification       Year       Repaired, Replaced, or         (b) Applicable Edition of Components       Name of Manufacturer       Manufacturer Serial       Number       Number       Number       Replaced, or         (b) Applicable Construction Code       Manufacturer       Manufacturer Serial       Number       Number       Replaced       Replacement         (b) Authorizet NU- 498       Dukke Abusen       NA       NA

F

7. Descriptio	on of Work_REPLACED SNUBRER
8. Test Con	ducted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other D Exempt D
	Pressure psig Test Temp. °F Pressure psig Test Temp. °F
	Pressure psig Test Temp. <u>°F</u> Pressure psig Test Temp. °F
9. Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to the	that the statements made in the report are correct and this repair or replacement ne rules of the ASME Code, Section XI.
Type Code Sy	vmbol Stamp <u>N/A</u>
Certificate of	Authorization No. N/A Expiration Date N/A
Signed 7	HE Black, TERHNICAL SPECIALIST IF Date 11/7, 1994
orgined 7	Owner or Owner's Designee, Title
and the second secon	
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conr //-22 belief, the Ow Report in accor By signing implied, concor Furthermore, or property da	mer has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code. Section XI. This certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury image or a loss of any kind arising from or connected with this inspection. When Commissions $NB7728NCPS3, A-N-T$
	Ctop's Signature     National Board, State, Province and Endorsements       281994

1.	Owner	Duke Power Company		1a. Date October 30, 1995 Sheet 1 of 1
	Address	422 S. Church St., Charlotte NC 28201		0.000 <u></u>
2.	Plani	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
2	Mork De	formed By Duke Power Company	3a.	Work Order # 93031058 (Class B)
э.		422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Type Coo	te Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM # N/A

Code Cases

4. Identification of System NS - CONTAINMENT SPRAY

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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	1MNSVA0011	Kerotest	CK6-8	4555	N/A	1974	Repaired     Replacement     Replaced	□ No ☑ Yes
в							Repaired     Replacement     Replaced	□ No □ Yes
c							Repaired     Replacement     Replaced	O No Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.						Repaired     Replacement     Replaced	D No Yes
F							Repaired     Replacement     Replaced	O No Yes

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

-	Description	n of Work Replaced bo	nnet and disc			
8.	Test Cond	ucted: Hydrostatic DPn		ominal Operating	Pressure ØOther	Exempt []
		Pressure _	psig	Test Temp.	۰F	
		Pressure	psig	Test Temp.	°F	
		Pressure _	psig	Test Temp	oF	
	Remarks					
		(Applicable Manu	facturer's Data	Reports to be atta	ched)	
		CE	RTIFICATE O			
0	We certify nforms to th	that the statements ma e rules of the ASME Co	ide in the report ide, Section XI.	are correct and the	nis <u>repair or replacen</u>	<u>ient</u>
y	pe Code Sy	mbol Stamp <u>N/A</u>				
e	rtificate of A	Authorization No. N/A		Ex	piration Date <u>N/A</u>	
Siç	ned AA		er's Designee,	ical Specialist Da Title	e <u>10/s0/</u> , 19 <u>75</u>	
		CERTIF	ICATE OF INS	ERVICE INSPEC	TION	
, t	ssel Inspec	ned, holding a valid contors and the State or Prediction to the state or Prediction to the state of the state	ovince of North the components	Carolina and emp	loyed by HSBI and I	Company of
	4-30 lief, the Ow port in acco By signing plied, conce inthermore,	to <u>10-3</u> ner has performed example ordance with the require this certificate neither erning the examinations neither the Inspector no mage or a loss of any	minations and ta ments of the As the Inspector no and corrective or his employer	, and state that to aken corrective ma SME Code, Section or his employer ma measures describ shall be liable in a	the best of my know easures described in n XI. akes any warranty, ea ed in this Owner's Re ny manner for any pe	lecge and this Owner's xpressed or eport.

0



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

As Required by the Provisions of the ASME Code Section XI

1.	Owner Address	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date <u>September 19, 1995</u> Sheet <u>1</u> of <u>1</u>
2.	Plant Address	McGuire Nuclear Station 12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.		formed By Duke Power Company 422 S. Church St., Charlotte NC 28201	За.	Work Order # <u>93031086 (Class B)</u> Repair Organization Job #
		de Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM # N/A
4.	Identifica	tion of System NS - Containment Spray		

Code Cases

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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	1MNSVA0027	Kerotest	DF5-9	4560	item# 9G-013	1974	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replacement	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

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

8 Test (	ription of Work Replaced yoke, bonnett, a	
	Conducted: Hydrostatic DPneumatic D	Nominal Operating Pressure ØOther D Exempt D
	Pressure psig	
	Pressure psig	Test Temp. °F
	Pressurepsig	Test Temp
9. Rema	arks	
	(Applicable Manufacturer's Dat	ta Reports to be attached)
	CERTIFICATE	OF COMPLIANCE
We ce conforms	ertify that the statements made in the report to the rules of the ASME Code, Section X	ort are correct and this <u>repair or replacement</u> (I.
ype Cod	e Symbol Stamp <u>N/A</u>	
Certificate	of Authorization No. N/A	Expiration Date N/A
Signed 7	FL Cross is (Test	nnical Specialist Date 9/19/, 1995
	Owner or Owner's Designee	nical Specialist Date <u>4// 9/</u> , 19 <u>75</u> e, Title
	Owner or Owner's Designee	SERVICE INSPECTION
I, the under Vessel Ins Hartford C 4-31 belief, the Report in By sig implied, co Furthermo	Owner or Owner's Designee <b>CERTIFICATE OF IN</b> ersigned, holding a valid commission issues spectors and the State or Province of Non <u>Connecticut</u> have inspected the componer <u>0 93</u> to <u>9-19-95</u> Owner has performed examinations and accordance with the requirements of the p pring this certificate neither the Inspector oncerning the examinations and corrective	e, Title <b>ISERVICE INSPECTION</b> red by the National Board of Boiler and Pressure th Carolina and employed by <u>HS31 and I Company</u> of hts described in this Owner's Report during the period 
I, the under Vessel Ins Hartford C 4-31 belief, the Report in a By sig implied, co Furthermo or property	Owner or Owner's Designee <b>CERTIFICATE OF IN</b> ersigned, holding a valid commission issues spectors and the State or Province of Non <u>Connecticut</u> have inspected the componer <u>O-93</u> to <u>9-19-95</u> Owner has performed examinations and accordance with the requirements of the <i>J</i> pring this certificate neither the Inspector oncerning the examinations and corrective ore, neither the Inspector nor his employer y damage or a loss of any kind arising fro	e, Title <b>ISERVICE INSPECTION</b> red by the National Board of Boiler and Pressure th Carolina and employed by <u>HS3I and I Company</u> of hts described in this Owner's Report during the period 

1

1.	Owner         Duke Power Company           Address         422 S. Church St., Charlotte NC 28201		1a. Date <u>September 21, 1995</u> Sheet <u>1</u> of <u>1</u>
2.	Plant <u>McGuire Nuclear Station</u> Address <u>12700 Hagers Ferry Road, Huntersville NC 28078</u>		
2a	Unit Ø1 02 01 and 2 Shared		
3.	Work Performed By Duke Power Company	За.	Work Order # 93031095 (Class B)
	Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3b.	Repair Organization Job # NSM or MM #_N/A
4.	Identification of System NS - Containment Spray		
5.	(a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NON	IE	Code Cases
6	(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> , no Addenda Identification of Components Repaired or Replaced and Replacement Components		

	Column 1	Column 2	Column 3	Col. 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	1MNSVA0010	Kerotest	DF5-8	4559	item# 09G-013	1974	<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	□ No ☑ Yes
В	1MNSVA0010	Kerotest	FW5-19	5987	File# 0448 QA Tag# MC38447 PO# A33955	1975	Repaired     Replacement     Replaced	□ No ☑ Yes
С							Repaired     Replacement     Complaced	D Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E	1						Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes



0	Description	of Work Replaced	valve			
0.	Test Cond	ucted: Hydrostatic	Pneumatic D N		g Pressure ØOther	Exempt D
		Pressure	psig	Test Temp.	Contraction of the second seco	
		Pressure Pressure	psig	Test Temp.	oF	
		Flessule	psig	Test Temp.	<u></u>	
9.	Remarks					
		(Applicable Ma	inufacturer's Data	Reports to be at	lached)	
			CERTIFICATE O	F COMPLIANCE		
:01	We certify nforms to the	that the statements e rules of the ASME	made in the repor Code, Section XI.	t are correct and	this <u>repair or replacem</u>	ient
		mbol Stamp <u>N/</u>	an a			
e	rtificate of A	uthorization No. N/	<u>A</u>	E	xpiration Date N/A	
Sie	10.	1	and the second second		11	
	ined Sha	Owner or O	<u>Grass Jr / Techn</u> wner's Designee,	<u>ical Specialist</u> D Title	ate <u>4/31/</u> , 19 <u>95</u>	
510	ined JAA	Owner or O	<u>Grass Jr / hechn</u> wner's Designee, IIFICATE OF INS	Title		New of an experimental second second
, ti Ve Ha oel Re mi	he undersign ssel Inspect rtford Conte ford Conte ford Conte ford Conte ford Conte got in acco By signing plied, conce thermore, n	Owner or O CERT ned, holding a valid of ors and the State or acticut have inspected to 7-21 her has performed ex rdance with the required this certificate neither ming the examinatio	TIFICATE OF INS Commission issue Province of North ad the components 	Title ERVICE INSPEC d by the National <u>Carolina</u> and err s described in thi , and state that t aken corrective n SME Code, Secti or his employer n measures descri shall be liable in	CTION Board of Boiler and Plaployed by <u>HSBI and I</u> s Owner's Report durin o the best of my knowl heasures described in t on XI. hakes any warranty, ex bed in this Owner's Re any manner for any pe	Company of g the period ledge and this Owner's pressed or port.
, ti Ve Ha oel Re mi	he undersign ssel Inspect rtford Conre ief, the Own port in acco By signing plied, conce thermore, n property dar	Owner or O CERT ned, holding a valid of ors and the State or ecticut have inspected to to rer has performed ex- rdance with the required this certificate neith- rning the examination either the Inspector	wner's Designee, TIFICATE OF INS commission issue Province of North ad the components 	Title ERVICE INSPEC d by the National <u>Carolina</u> and em s described in thi , and state that the aken corrective most SME Code, Section or his employer most measures description shall be liable in the or connected with MB 7 7 2	CTION Board of Boiler and Plaployed by <u>HSBI and I</u> s Owner's Report durin o the best of my knowl heasures described in t on XI. hakes any warranty, ex bed in this Owner's Re any manner for any pe	Company of ig the period ledge and this Owner's cpressed or port. rsonal injury - N - Z



# 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		1a. Date September 18,1995
	Address	422 S. Church St., Charlotte NC 28201		Sheet 1 of 1
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3	Work Per	formod By Duke Power Company	3a.	Work Order # 93061321 (Class B)
		422 S. Church St., Charlotte NC 28201		Repair Organization Job #
		te Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM #N/A
	Identifica	tion of System XCW - Civil Work (Pen# 461)		
4.	identifica	achie Construction Code ACME UI 1071 Edition Summer and Winter Addenda NONE		Code Cases
	(b) Appli	cable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NONE cable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda		0000 00303
6.	Identifica	tion of Components Repaired or Replaced and Replacement Components		

T	Column 1	Column 2	Column 3	Col. 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	Penatration# 461	Duke Power	N/A	N/A	1XCWPFE461	N/A	Repaired     Replacement     Replaced	Ø No □ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	O No Ves
D							Repaired	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
i.							Repaired	□ No □ Yes

	on of Work Replaced nut			And the second	Interest and a second s
	ducted: Hydrostatic DPr		Iominal Operating	g Pressure ØOther	Exempt
	Pressure	psig	Test Temp.	<u>°F</u>	
	Pressure	psig	Test Temp.	°F	
	Pressure _	psig	Test Temp.	۰F	
. Remarks	Work performed on per	netration to buil	ding (461)		
	(Applicable Manu	ifacturer's Data	Reports to be a	tached)	
	c	ERTIFICATE C	F COMPLIANCE	1	
	fy that the statements mathematics the rules of the ASME C			this <u>repair or replace</u>	<u>ment</u>
ype Code S	Symbol Stamp N/A				
Certificate of	Authorization No. N/A		E	xpiration Date N/A	
Signed	Gwner or Ow	<u>Grass Jr / Tech</u> ner's Designee,	nical Specialist C Title	pate <u>2/18/</u> , 19 <u>95</u>	
	orozi	FICATE OF IN	SERVICE INSPE	CTION	
	CERTI				



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

As Required b	y the	Provisions	of th	e ASME	Code	Section	XI
---------------	-------	------------	-------	--------	------	---------	----

1.	Owner         Duke Power Company           Address         422 S. Church St., Charlotte NC 28201						1a. Date Shee	e DEC 1st 1994 et 1 of	1
	Plant Address Unit	McGuire Nuclear S 12700 Hagers Fern ☑ 1 □2 □ 1 and	Road, Huntersville NC 280	078					
3.	Address	rformed By <u>Duke P</u> <u>422 S. Church St.,</u> de Symbol Stamp <u>N</u> /		Expiration Date <u>N/A</u>			k Order 1 or MM	# <u>93088636</u> Repair Organiza # <u>N/A</u>	tion Job #
4. 5. 6.	(a) Appli (b) Appli	cable Construction C cable Edition of Sec	AIN STEAM (SM) SYSTE Code ASME III 1971 Edition tion XI Utilized for Repairs of Repaired or Replaced and	on, Summer and Winte or Replacements 1986	, no Addend			Co	ode Cases
	1	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e 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	KEROTEST	TM5-1	12300	1SM83	1976	CI Repaired	D No

Replacement Yes Replaced 
 1983
 □
 Repaired
 □
 No

 ☑
 Replacement
 ☑
 Yes
 B **DAN3-8** 35862 VALVE KEROTEST 1SM83 Replaced Repaired C D No 

 Repaired
 No

 Replacement
 Yes

 Replaced
 No

 Replaced
 No

 Replacement
 Yes

 Replaced
 No

 Replaced
 No

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 D E Replaced 
 Repaired
 No

 Replacement
 Yes

 Replaced
 F

	Description	of Work Replace dar	naged valve w	ui same mer	weiung 150 Mort-15)
8.	Test Condu				Pressure Other DExempt Ø
		Pressure _	psig psig	Test Temp Test Temp	The second
		riessure _	psig	restremp	
	Remarks _				
	6.2.7				
	1990 - I				
		(Applicable Manu	ifacturer's Data	Reports to be a	attached)
		CI	ERTIFICATE O	F COMPLIANC	E
	Ma codify	that the statements mu	ada in the second		d this consists as configuration
0		rules of the ASME Co			d this repair or replacement
Γv	be Code Syn	nbol Stamp N/A			
-					
Ce	rtificate of A	uthorization No. N/A			Expiration Date N/A
Sig	ned Ronald	D. Talbert/Tech Spec	Ronaldk	Talbert	Date Dec 1st 1994
-			ner's Designee,		
		Owner or Owr	ner's Designee,	Title	
		Owner or Owr		Title	ECTION
I, t Ve Ha be Re im Fu	he undersign ssel Inspecto rtford Conne 1-15-44 lief, the Own port in accor By signing plied, concer rthermore, n	Owner or Own CERTIF ned, holding a valid co prs and the State or Pr ecticut have inspected to	FICATE OF INS mmission issue rovince of <u>North</u> the component -94 minations and ta ements of the A the Inspector in s and corrective or his employer kind arising from	Title ERVICE INSP d by the Nation <u>Carolina</u> and es described in t , and state tha aken corrective SME Code, Se or his employed measures desishall be liable i n or connected	al Board of Boiler and Pressure employed by <u>HSBI and I Company</u> of his Owner's Report during the period t to the best of my knowledge and measures described in this Owner's ction XI. makes any warranty, expressed or cribed in this Owner's Report. n any manner for any personal injury with this inspection.
I, t Ve Ha be Re im Fu	he undersign ssel Inspecto tford Conne 4-15-49 hief, the Own port in accor By signing plied, concer thermore, n property dan Inspec	Owner or Own CERTIF ned, holding a valid co prs and the State or Pr ecticut have inspected to <u>/2-/-</u> ter has performed exa rdance with the require this certificate neither ming the examinations either the Inspector no	FICATE OF INS mmission issue rovince of <u>North</u> the component -94 minations and ta ements of the A the Inspector in s and corrective or his employer kind arising from	Title ERVICE INSPI d by the Nation <u>Carolina</u> and e s described in t , and state that aken corrective SME Code, Se or his employed measures desist shall be liable in or connected	al Board of Boiler and Pressure employed by <u>HSBI and I Company</u> of his Owner's Report during the period t to the best of my knowledge and measures described in this Owner's ction XI. makes any warranty, expressed or cribed in this Owner's Report. n any manner for any personal injury

1.	Owner	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date October 4, 1995
	Audress	422 S. Church St., Chanolle NC 20201		Sheet 1 of 1
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.		formed By Duke Power Company	3a.	Work Order # 94005584 (Class B)
	Address	422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Type Cod	e Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM #_N/A

 Identification of System <u>NV - Chemical & Volume Control</u>
 (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u> (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	Col. 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	1MNVVA0220	Dresser	TE-57945	1739	model# 1916-30F-54	1980	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							C Repaired	□ No □ Yes
D							C Repaired	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

Code Cases

۵,

. Description	n of Work Replace	d disc and nut	Deserves Cother C Exempt C				
. Test Cond	ucted: Hydrostatic		Nominal Operating Pressure ØOther D Exempt D				
	Pressure	psig					
	Pressure	psig	Tool Torrip.				
	Pressure	psig	Test Temp°E				
Remarks							
	(Applicable I	Manufacturer's Da	ata Reports to be attached)				
		CERTIFICATE	OF COMPLIANCE				
We certify conforms to the	y that the statemen he rules of the ASM	ts made in the rep ME Code, Section	port are correct and this <u>repair or replacement</u> XI.				
Type Code S	ymbol Stamp	N/A					
Certificate of	Authorization No.	N/A	Expiration Date N/A				
	. 1		echnical Specialist Data 10/4/, 1995				
Signed	Owner o	FLGrassJr/Te r Owner's Designe	ee. Title				
NAMES AND DESCRIPTION OF A	y Owner o	Culler o Deolgin					
1993 - San	CE	ERTIFICATE OF	INSERVICE INSPECTION				
Vessel Inspe Hartford Con 72/ belief, the Or Report in acc By signir implied, con Euclbermore	ctors and the State <u>necticut</u> have inspe- 4 to <u>/6</u> wher has performed cordance with the r ng this certificate no cerning the examina- neither the inspec	or Province of N ected the component 2-4-95 d examinations are equirements of the either the Inspector ations and correct otor nor his emplo	sued by the National Board of Boiler and Pressure orth Carolina and employed by <u>HSBI and I Company</u> of ients described in this Cwner's Report during the period , and state that to the best of my knowledge and nd taken corrective measures described in this Owner's ie ASME Code, Section XI. or nor his employer makes any warranty, expressed or tive measures described in this Owner's Report. yer shall be liable in any manner for any personal injury from or connected with this inspection.				
A	Alein ector's Signature	Commiss	sions NB7728 NC853 A-N-I National Board, State, Province and Endorsements				
	2-4_,19.95						

1.	Owner	Duke Power Company				
	Address	422 S. Church St., Charlotte NC 28201				

2.	Plant	McGuire Nuclear Station						
	Address	12700 Hagers Ferry Road, Huntersville NC 28078						
2a	Unit	PT1 D2 D1 and 2 Shared						

3. Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date N/A 1a. Date <u>September 20, 1995</u> Sheet <u>1</u> of 1

3a. Work Order # <u>94006881 (Class B)</u> Repair Organization Job #

3b. NSM or MM # N/A

Code Cases

4. Identification of System BB - S/G Blowdown Recycle

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 4	Column 5	Coi	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Keplaced, or Replacement	ASME Code Stamped (yes or no)
A	1MBBVA0096	Kerotest	СК7-6	3082	9J-017	1974	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							CI Repaired	□ No □ Yes
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes



<ul> <li>7. Description of Work replaced bonnet and disc</li> <li>8. Test Conducted: Hydrostatic □Pneumatic □ Nominal Operating Pressure ØOther □ Exem</li></ul>	ipt 🗆
Pressure psig Test Temp. <u>°F</u> Pressure psig Test Temp. <u>°F</u> Pressure psig Test Temp. <u>°F</u> 9. Remarks (Applicable Manufacturer's Data Reports to be attached)	
Pressure <u>psig</u> Test Temp. <u>°F</u> 9. Remarks	
Remarks     (Applicable Manufacturer's Data Reports to be attached)	
(Applicable Manufacturer's Data Reports 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.	
ype Code Symbol Stamp <u>N/A</u>	
ertificate of Authorization No. N/A Expiration Date N/A	
Signed FL Grass Jr / Technical Specialist Date 9/20/, 1995 Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE INSPECTION	
, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Compa</u> <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the p <u>1-25-99</u> to <u>9-20-95</u> , and state that to the best of my knowledge a pelief, the Owner has performed examinations and taken corrective measures described in this Ow 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 mplied, 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 is or property damage or a loss of any kind arising from or connected with this inspection.	ny of eriod nd ner's d or
- Referen Commissions ABT728 AIC853, A-N- Inspector's Signature National Board, State, Province and Endorsem	I
Inspector's Signature National Board, State, Province and Endorsem	ents

۱.	Owner         Duke Power Company           Address         422 S. Church St., Charlotte NC 28201		1.a. Date 9/5/95 Sheet 1 of 1
	Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 28078         I. Unit       I I I 2 I 1 and 2 Shared		
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.	Work Order # 94006968 (CL. B) Repair Organization Job # NSM or MM # N/A
	Identification of System     NC       (a) Applicable Construction Code     ASME III_1971 Edition, Summer and Winter     Addenda, NONE       (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda		Code Cases

6. Identification of Components Repaired or Replaced and Replacement Components Column 1 Column 2 Column 3 Col. 4 Column 5 Col 6 Column 7 Column 8 Name of Component Name of Manufacturer Manufacturer Serial ASME Code National Other Identification Year Repaired, Number Board Built Replaced, or Stamped Number Replacement (yes or no) A Repaired MNO ØReplacement □ Yes MC-1683-NC-01-R003 DUKE POWER N/A N/A **QA TAG# MC37295** N/A □ Replaced B Repaired D No Replacement 1 Yes Replaced C Repaired O No Replacement
 Yes □ Replaced D Repaired O No TYes Replacement Replaced E C Repaired O No Replacement 
 Yes □ Replaced F Repaired O No C Replacement Ves □ Replaced

4

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

8	Test Conducted: Hudrostatic [7]	Proumatic []	NGER DUE TO T	Decouve COtton C	E
0.	Test Conducted: Hydrostatic  Pressure		Test Temp.		Exempt 🔛
	Pressure	psig	Test Temp.	°F	
	Fressure	psig	Test Temp.	٥F	
			root romp.		
Э.	Remarks				
	(Applicable Mar	nufacturer's Data	Reports to be att	ached)	
		CERTIFICATE O	F COMPLIANCE		
tof	We certify that the statements method the rules of the ASME Code, Sect	nade in the report ion XI.	are correct and t	his <u>repair or replacem</u>	<u>ent</u> conforms
Ту	pe Code Symbol Stamp <u>N/A</u>				
Ce	rtificate of Authorization No. N/A	(	E	piration Date N/A	
	ned there QA	TECHNICAL S,	PERIALIST DE	xpiration Date <u>N/A</u> ate <u>9/5/</u> , 19 <u>95</u>	
	ned there QA		PERIALIST DE	xpiration Date <u>N/A</u> ate <u>9/5/</u> , 19 <u>95</u>	
	ned the QA	TECHNICAL SI vner's Designee,	Percialist Da Title	ate <u>9/5/</u> , 19 <u>9</u> 5-	
Sig	ned <u>Hand</u> QA Owner or Ow CERT	TECHNICAL ST uner's Designee, IFICATE OF INS	ERVICE INSPEC	ate <u>9/5/</u> , 19 <u>9</u> ,5-	
Sig I, tl Ins Co bel Re imp	ned the QA	IFICATE OF INS ommission issued of North Carolin ponents describe 25 minations and ta ements of the AS the Inspector no s and corrective r or his employer s	<b>ERVICE INSPEC</b> I by the National E a and employed b ed in this Owner's , and state that to ken corrective me SME Code, Sectio r his employer ma measures describ hall be liable in ar	ate <u>9/5/</u> , 19 <u>95</u> <b>TION</b> Board of Boiler and Provide the Boiler and Provide the Provide the Provide the Provide the Provide the Provide the Boiler and Provide the Providet the Providet the Providet the Providet the Prov	y of <u>Hartford</u> iod edge and his Owner's pressed or port.
Sig I, tl Ins Co bel Re imp	pned $H_{Haw}$ $QA$ owner or ow <b>CERT</b> the undersigned, holding a valid compectors and the State or Province <u>nnecticut</u> have inspected the com <u>1-22-94</u> to <u>9-5-</u> lief, the Owner has performed examport in accordance with the requir By signing this certificate neither polied, concerning the examinations thermore, neither the Inspector neither	<b>IFICATE OF INS</b> of North Carolin ponents describe minations and ta ements of the AS the Inspector no s and corrective r or his employer s ad arising from or	<b>ERVICE INSPEC</b> I by the National E a and employed b ed in this Owner's , and state that to ken corrective me SME Code, Sectio r his employer ma measures describ hall be liable in ar connected with th	ate <u>9/5/</u> , 19 <u>95</u> <b>TION</b> Board of Boiler and Provide the Boiler and Provide the Provide the Provide the Provide the Provide the Provide the Boiler and Provide the Providet the Providet the Providet the Providet the Prov	ty of <u>Hartford</u> iod edge and his Owner's pressed or port. sonal injury or
Sig I, tl Ins Co bel Re imp	pned $H_{Haw}$ $QA$ owner or ow <b>CERT</b> the undersigned, holding a valid compectors and the State or Province <u>nnecticut</u> have inspected the com <u>1-22-94</u> to <u>9-5-</u> lief, the Owner has performed examport in accordance with the requir By signing this certificate neither polied, concerning the examinations thermore, neither the Inspector neither	<b>TECHNICAC</b> 5 vner's Designee, <b>IFICATE OF INS</b> ommission issued of <u>North Carolin</u> ponents describe 95 minations and ta ements of the AS the Inspector no s and corrective r or his employer s id arising from or <u>Commissions</u>	<b>ERVICE INSPEC</b> I by the National E a and employed b ed in this Owner's , and state that to ken corrective me SME Code, Sectio r his employer ma measures describ hall be liable in ar connected with the	ate <u>9/5/</u> , 19 <u>95</u> <b>TION</b> Board of Boiler and Provide the Boiler and Provide the Provide the Provide the Provide the Provide the Provide the Bost of the Provide the Bost of the Provide the Bost of the Provide the Providet the Providet the Provi	iv of <u>Hartford</u> iod edge and his Owner's pressed or port. sonal injury or -Z

Party Da

1.	Owner Duke Power ( Address 422 S. Church	Company h St., Charlotte NC 28201					e <u>11/7/94</u> eetof	
2	Plant McGuire Nuc Address 12700 Hagen	lear Station s Ferry Road, Hunterville NC 280	)7 <del>8</del> -					
28		1 and 2 Shared	방송 가지 않는					
3	Work Performed By	uke Power Company			3a. Wor	k Order	# 9401367	7
	Address <u>422 S. Church</u> Type Code Symbol Star	h St., Charlotte NC 28201 mp N/A Authorization No. N/A	Expiration Date N/A		3b NSM	or MN	Repair Organizi	ation Job #
4	Identification of System	SM			1			
5.	(a) Applicable Construct	tion Code ASME III 1971 Edition	on, Summer and Winte	r Addenda	N/0	-	C(	ode Cases
6.	(b) Applicable Edition o Identification of Compor	Section XI Utilized for Repairs ments Repaired or Replaced and	or Replacements 1986 Replacement Compon	, no Adden ents	da			
	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	nt 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 IMCR-SM-002	Duro Power Co	NA	NA	SNUBBER. 3/4 16035	N/A	Repaired Replacement Replaced	No Yes
8	Heween Imar-sm-002	Dire Para Co	N/A	N/A	SNUBBOOK S/N 15664	N/A	Repaired Replacement Replaced	No Yes
С							Repaired Replacement Replaced	I No Yes
D							Repaired     Replacement     Replaced	O No Yes
E				54			Repaired     Replacement     Replaced	D No D Yes
F							C Repaired	O No Ves

D

E

3       Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure         Pressure       DSig       Test Temp.       9F         (Applicable Manufacturer's Data Reports to be attached)       (Applicable Manufacturer's Data Report are comect and this repair or replacement conforms to the rules of the ASME Code, Section XI.       7         Type Code Symbol Stamp       N/A       Expiration Date       N/A         Certificate of Authorization No.       N/A       Expiration Date       N/A         Signed       Market       TextMicat       Stemustr       Date       D3/A         Certificate of Authorization No		Description		REPERCED	SAUBBER.			
Pressure       DSIG       Test Temp.       OF         Pressure       CERTIFICATE OF COMPLIANCE       DSIG       OF         Vec certify that the statements made in the report are correct and this repair or replacement conforms to the ASME Code. Section XI.       Testificate of Authorization No. N/A         Expiration Date       N/A       Expiration Date       N/A         Signed       Downer or Owner's Designee. Title       Det M/A       Owner or Owner's Designee. Title <td cob<="" td=""><td>8</td><td>Test Condu</td><td>icted: Hydrostatio</td><td>C D Pneumatic D</td><td>Nominal Opera</td><td>ting Pressure Other O</td><td>Exempt 2</td></td>	<td>8</td> <td>Test Condu</td> <td>icted: Hydrostatio</td> <td>C D Pneumatic D</td> <td>Nominal Opera</td> <td>ting Pressure Other O</td> <td>Exempt 2</td>	8	Test Condu	icted: Hydrostatio	C D Pneumatic D	Nominal Opera	ting Pressure Other O	Exempt 2
Pressure       DSig       Test Temp.       •E         A. Remarks       SUMPREND       TESTED       PROPE       TO       INSTRUCT TON         (Applicable Manufacturer's Data Reports to be attached)       (Applicable Manufacturer's Data Reports to be attached)       (Applicable Manufacturer's Data Reports 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.         Stope Code Symbol Stamp       N/A         Certificate of Authonization No.       N/A         Certificate of Authonization No.       N/A         Signed       Interferences         Owner or Owner's Designee.       Date         Totation Connection the state or Province of North Carolina and employed by HSBI and I Company of tantord Connection the superstate described in this Owner's Report during the penod 1999-94         Totation Connection the superstate described in this Owner's Report during the penod 1999-94         Totation Connection the superstate described in this Owner's Report during the penod 1999-94         Totation the requirements of the ASME Code, Section XI.         System 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 minied, concerning the examinations and corrective measures described in this Owner's Report			(v) is a constraint of the	psig		The second	_	
Remarks <u>Skill BBer</u> <u>TESTED</u> <u>PROK</u> <u>TO</u> <u>INSTRUCE TON</u> (Applicable Manufacturer's Data Reports to be attached)      (Applicable Manufacturer's Data Reports and this <u>repair or replacement</u> conforms to the rules of the ASME Code, Section XI.      (Ype Code Symbol Stamp N/A Certificate of Authorization No. N/A     Expiration Date N/A Signed <u>Manufacturery Date Mat</u> , 19.24      Owner or Owner's Designee, Title      (ERTIFICATE OF INSERVICE INSPECTION      (the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure     Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of     tainford Connecticut have inspected the components described in this Owner's Report during the period     (A) - 44     (b) - 44     (c) - 4						The second s		
(Applicable Manufacturer's Data Reports 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 Authonization No.       N/A         Detertificate of Authonization No.       N/A         Certificate of Authonization No.       N/A         Detertificate of Authonization No.       N/A         Detertificate of Authonization No.       N/A         Certificate of Authonization No.       N/A         Detertificate of Authonization No.       N/A         Certificate of Authonization No.       N/A         Detertificate of Authonization No.       N/A         Certificate of Authonization No.       N/A         Expiration Date       N/A         Certificate of Authonization No.       N/A         Expiration Date       N/A         Certificate of Authonization No.       N/A         Expiration Date       N/A         Signed       M/A         Matter of Owner's Designee.       Title         CERTIFICATE OF INSERVICE INSPECTION         Addition Connecticut measures described in this Owner's Report during the period			Pressure	psig	Test Tem	•F		
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.         Sympositive colspan="2">Sympositive colspan="2">Sympositive colspan="2">Comparison of the ASME Code, Section XI.         Sympositive colspan="2">Sympositive colspan="2""Sympositive colspan="2">Sympositive colspan="	9.	Remarks _	SNUBBER.	TESTED P	ROR TO	INSTALLATION		
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         Signed       Market Market Statements         Market Market State       Tot NNIA         Signed       Market Market Statements         Owfier or Owner's Designee, Title       Date Market 1994         Owfier or Owner's Designee, Title       CERTIFICATE OF INSERVICE INSPECTION         . the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of tantord Connecticut have inspected the components described in this Owner's Report during the period 949-949         To			(Applicable	Manufacturer's Da	ata Reports to be	attached)		
Sontorms to the rules of the ASME Code, Section XI.         Fype Code Symbol Stamp       N/A         Certificate of Authorization No.       N/A         Signed       Intervention         CERTIFICATE OF INSERVICE INSPECTION         Cessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hanford Connecticut have inspected the components described in this Owner's Report during the period         Mathematication accordance with the requirements of the ASME Code, Section XI.         By signing this certificate neither the Inspector on his employer makes any warranty, expressed or in accordance with the requirements of the ASME Code, Section XI.         By signing this certificate neither the Inspector on 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 ansing from or connected with this inspection.         Mathematicate Signature       Commissions <u>MB7728 MC853 A-N-I</u>		and an a set of the second		CERTIFICATE	OF COMPLIAN	ICE		
Certificate of Authorization No. <u>N/A</u> Signed <u>Mage U TotANICAL StockUST</u> Date <u>M/A</u> , 19.94 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>GAG-49</u> to <u>U-7-49</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or mplied, 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 ansing from or connected with this inspection. <u>Mateman</u> <u>Commissions</u> <u>MB7728</u> <u>MC853</u> <u>A-M-T</u> Inspector's Signature <u>NA</u>	con	We certify forms to the	that the statement of the ASI	nts made in the re ME Code, Section	port are correct a XI.	and this repair or replacen	nent	
Signed <u>Heres L</u> <u>TechNICAL SPECINUST</u> Date <u>Here</u> , 1994 Owner or Owner's Designee. Title <u>CERTIFICATE OF INSERVICE INSPECTION</u> , the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>Hanford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>9-99-99</u> to <u>11-7-99</u> , and state that to the best of my knowledge and Delief, 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 ansing from or connected with this inspection. <u>ADMAMM</u> Commissions <u>MB7728 MC853 A-N-T</u> Inspector's Signature National Board, State, Province and Endorsements	Тур	e Code Syr	nbol Stamp	N/A				
Owner or Owner's Designee, TitleCERTIFICATE OF INSERVICE INSPECTION. the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBi and I Company</u> of Hartford Connecticut have inspected the components described in this Owner's Report during the period $9-29-99$ to $11-7-99$ , and state that to the best of my knowledge and Delief, the Owner has performed examinations and taken corrective measures described in this Owner's Report 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 anising from or connected with this inspection.AMARY Commissions MB7728 NC853 A-N-T Inspector's SignatureNational Board, State, Province and Endorsements	Cen	lificate of A	uthorization No.	N/A		Expiration Date N/A		
, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBi and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>9-9-99</u> to <u>11-7-94</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind ansing from or connected with this inspection. <u>AMMem</u> Commissions <u>MB7728</u> NC853 <u>A-W-T</u> inspector's Signature National Board, State, Province and Endorsements	Sigr	ned	enderstreamente and second could instance and the second second second second second second second second second	TOTHNICAL or Owner's Designe	Stecialist Be, Title	Date 11/2/. 1994		
, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBi and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>9-9-99</u> to <u>11-7-94</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind ansing from or connected with this inspection. <u>AMMem</u> Commissions <u>MB7728</u> NC853 <u>A-W-T</u> inspector's Signature National Board, State, Province and Endorsements	-	WINKING AND A DESCRIPTION	C	ERTIFICATE OF	NSERVICE INS	PECTION		
115 611	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBi and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>929-99</u> to <u>11-7-99</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind ansing from or connected with this inspection. <u>AWAMM</u> Commissions <u>NB7728</u> NC853 <u>A-W-T</u>							
Date197	0.0	11-	0					
	Uat	e	.19_/_	Z	n - marketing and a state of the second state of the second state of the second state of the second state of the	D.R. WEINWEINPLANDERDICKERSCHMINGENER CHART INTERVENTION	Address of the second	



FORM NIS-2 OWNER'S REPO As Required by the Provisions of the ASME Code Section XI

1	Owner Duke Power Com					1a. Dat	e 11/7/94 et of	
	Address 422 S. Church St.	. Charlotte NC 28201				She	et _/of	1
2	PlantMcGuire NuclearAddress12700 Hagers Fera. Unit1	TY Road, Hunterville NC 280	<u> 278</u>					
3	Work Performed By Duke Address 422 S. Church St.,				3a. Wo	rk Order	#_940136	
	Type Code Symbol Stamp N	I/A Authorization No. N/A	Expiration Date N/A		3b. NSM	A or MM	Repair Organiza	ation Job #
		SM			00. 110		m	
4.			on Summer and Winte	r Addoodo	NO			
	(b) Applicable Edition of Sec	ction XI Utilized for Repairs	or Replacements 1986	no Adden	da ///		Co	ode Cases
6.	Identification of Components	Repaired or Replaced and	Replacement Compon	ents				
-	Column 1	Column 2	Caluma 0	Louis	1	1		
-	Name of Component	Name of Manufacturer	Column 3 Manufacturer Serial	Col. 4 National	Column 5	Col 6	Column 7	Column 8
		Hame of Manufacturer	Number	Board Number	Other Identification	Year Buil!	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER			1	SNUBBOR	1	C Repaired	1 No
	1-MCR- 5M-003	DUKE POWER	NA	NA	S/N 16037	NA	C Replacement	□ Yes
В	HANGER				SNUBBOR		C Repaired	0 MO
	1-MCA-5M-003	DUKE Paven	NA	NA	5/N 15839	NA	Replacement Replaced	Tes Yes
C							Repaired	D No
				1.1.1			Replacement Replaced	□ Yes
D							Repaired	D No
				1000	동안 가지 않는 것		Replacement     Replaced	□ Yes
E							C Repaired	O No
				1.5			D Replacement	I Yes
							C Replaced	
F							C Repaired	D No
							Replacement	□ Yes
							Replaced	

	n of Work REPLACED SNUBBER
8. Test Cond	ucted: Hydrostatic 🖸 Pneumatic 🔲 Nominal Operating Pressure 🗋 Other 🖻 Exempt 🔲
	Pressure psig Test Temp. °F
	Pressurepsig Test Temp°F
	Pressurepsig Test Temp°F
9. Remarks	SNUBBEN TESTED PRION TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to th	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp <u>N/A</u>
	Authorization No. N/A Expiration Date N/A
Signed 7	TE Black, TECHNICAL SPECIALIST # Date 11/7, 1994 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conn 9-29- belief, the Own Report in acco By signing implied, conce Furthermore, n or property da	ned, holding a valid commission issued by the National Board of Boiler and Pressure fors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period $\frac{1}{24}$ to $\frac{1}{12}$ to $$
Date	719 94

1.		Duke Power Company 22 S. Church St., Charlotte NC 28201		1a. Date_ Sheet	11/29/94 
	Address 12	AcGuire Nuclear Station 2700 Hagers Ferry Road, Hunterville NC 28078 31 2 1 and 2 Shared			
3.	Address 42	rmed By <u>Duke Power Company</u> 22 S. Church St., Charlotte NC 28201 Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.	Work Order # NSM or MM #	Repair Organization Job #
5.	(b) Applicat	n of System	NO		Code Cases

	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER 1-MCR-SM-005	OUKE POWER	NA	NA	SNUBBON S/N 16030		Repaired     Replacement     Replaced	I Yes
B	HANGER I-MCR-SM.005	DUKE POWON	NA	NA	SNUBBER S/N 17417		Repaired Replacement Replaced	I Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

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

8. Test Conducted: Hydrostatic Pneumatic Network       Pressure	7.	Descriptio	n of Work_REPLACED SNUBBER
Pressure       psig       Test Temp.       eF         9. Remarks       SNUBBOR TESTED PALON TO INSTALLATION         (Applicable Manufacturer's Data Reports 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 INSERVICE INSPECTION         Signed Multicle of Authorization No. N/A         Expiration Date N/A         Signed Multicle of Authorization No. N/A         Expiration Date N/A         Signed Multicle of Authorization No. N/A         Signed Multicle of Authorization No. N/A         Expiration Date N/A         Signed Multicle of Authorization No. N/A         Expiration Date N/A         Signed Multicle of Authorization No. N/A         Expiration Date N/A         Signed Multicle of Authorization No. N/A         Expiration Date N/A         Owner's Obsequence of North Caroling and employed by HSBI and I Company of Hariford Contents described in this owner's Report during the period 94 (Multicle of Hariford Company of Hariford Contents described in this Owner's Report during the period 94 (Multicle of Hariford	8.	Test Cond	ucted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other D Exempt D
Pressure			Party Party
9. Remarks       SAUGBON TESTED PALON TO INSTALLATION         (Applicable Manufacturer's Data Reports 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         Supervision Date N/A         Signed TECHNICAL SPECIAL SPECTION         I, the undersigned, holding a valid comments of the ASME Code described in this Owner's Report during the period Q-2-2-4-4         OERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid comments described in this Owner's Report during the period Q-2-2-4-4         OUNTERVICE INSPECTION         I, the undersigned, holding a valid comments of the ASME Code, Section XI.         Description         I, the undersigned, holding a valid comments described in this Owner's Report during the period Q-2-2-4-4         OUNTERVICE INSPECTION         I, the undersigned, holding a valid comments of the ASME Code, Section XI.         Symptotic comments described in this Owner's Report during the period Q-2-2-4-4         OUNTERVICE INSPECTION         Intervince and the state or Province of North Carolin			and the second s
(Applicable Manufacturer's Data Reports 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         Signed       MM.Mach         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hattord Connecticut have inspected the components described in this Owner's Report during the period q-2.4-9.4-1 to			Pressure psig Test Temp. <u>°F</u>
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         Signed       MM_Mathematrix         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Caroling and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period q-24-94         the owner has performed examinations and taken corrective measures described in this Owner's Report during the period period 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.         Mathematical Commissions       MB 7728 NC 853 A-N-T         Inspector's Signature       National Board, State, Province and Endorsements	9.	Remarks	SNUBBER TESTED PRION TO INSTALLATION
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         Signed       Marked Statute Statute Statutes The Date MA         Owner or Owner's Designee, Title       Date MA         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period Q-29-94         Lip Q-44       to 11-29-44         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 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.         Marcelland       Commissions         MB 7738       MC853       A-M-T         Inspector's Signature       Commissions       MB 7738       M-M-T			(Applicable Manufacturer's Data Reports to be attached)
conforms to the rules of the ASME Code, Section XI.         Type Code Symbol Stamp       N/A         Certificate of Authorization No.       N/A         Signed       Marked Back         Technical Status       Date         Marked Status       Technical Status         Owner or Owner's Designee, Title       Date         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBI and I Company of Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period         9-29-94       to         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.         Marcel Conference       Commissions         Marcel Code Sciencies       NB 7728, NC 853, A-N-T.         Inspector's Signature       National Board, State, Province and Endorsements <td></td> <td></td> <td>CERTIFICATE OF COMPLIANCE</td>			CERTIFICATE OF COMPLIANCE
Certificate of Authorization No. N/A Expiration Date N/A Signed <u>Harborization No. N/A</u> Expiration Date <u>N/A</u> <u>Owner or Owner's Designee, Title</u> Date <u>11/29</u> , 19_ <u>9</u> / <u>9</u> <u>Owner or Owner's Designee, Title</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>9-29-94</u> to <u>11-29-94</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. <u>Mathemary</u> <u>Commissions</u> <u>NB7728</u> , <u>NC853</u> <u>A-N-T</u> Inspector's Signature National Board, State, Province and Endorsements	cor	We certify forms to th	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Signed       Multiplication       Technical Statutist II       Date 1/25, 19_54         Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-39-94         Image: the Owner has performed examinations and taken corrective measures described in this Owner's Report.         Belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report.         By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.         Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.         Inspector's Signature       Commissions       NB 7728, NC 853, A-N-T.         National Board, State, Province and Endorsements	Тур	be Code Sy	mbol Stamp N/A
Signed       Multiplication       Technical Statutist II       Date 1/25, 19_54         Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-39-94         Image: the Owner has performed examinations and taken corrective measures described in this Owner's Report.         Belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report.         By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report.         Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.         Inspector's Signature       Commissions       NB 7728, NC 853, A-N-T.         National Board, State, Province and Endorsements	Ce	rtificate of A	Authorization No. N/A Expiration Date N/A
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-29-94         d - 9-29-94       to 11-29-94       , 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.         Mathematical Commissions       NB 7738, NC 853, A - N - T         Inspector's Signature       National Board, State, Province and Endorsements			
Owner or Owner's Designee, Title         CERTIFICATE OF INSERVICE INSPECTION         I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure         Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-29-94         d - 9-29-94       to 11-29-94       , 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.         Mathematical Commissions       NB 7738, NC 853, A - N - T         Inspector's Signature       National Board, State, Province and Endorsements	Sig	ned /	14. Slack Termical Peralist 4 Date 11/29, 19 94
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>9-24-44</u> to <u>11-29-44</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Inspector's Signature Commissions MB7728 NC853 A-N-T National Board, State, Province and Endorsements		The second s	Owner or Owner's Designee, Title
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>9-24-44</u> to <u>11-29-44</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Inspector's Signature Commissions MB7728 NC853 A-N-T National Board, State, Province and Endorsements		anne salaanaalaanaalah darahane maac	CERTIFICATE OF INSERVICE INSPECTION
Vessel inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period $9-24-94$ to $11-29-94$ , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Inspector's Signature Commissions MB7728 NC853 A-N-T National Board, State, Province and Endorsements			CERTIFICATE OF INSERVICE INSPECTION
Date	Ve: Ha bel Re imp Fu	ssel inspect <u>offord Conn</u> <u>9</u> -29-9 ief, the Ow port in acco By signing blied, conce thermore, in property da	tors and the State or Province of North Carolina and employed by HSBI and I Company of ecticut have inspected the components described in this Owner's Report during the period to $1/29-9/2$ , and state that to the best of my knowledge and mer has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. I this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. meither the Inspector nor his employer shall be liable in any manner for any personal injury mage or a loss of any kind arising from or connected with this inspection. Merican Commissions MB7728, NC853, A-N-T National Board, State, Province and Endorsements
	Da	te	19 19 94

i

FORM NIS-2 OWNER'S REF As Required by the Provisions of the ASME Code Section XI

1	Address 422 S. Churc	Company th St., Charlotte NC 28201				1a. Dat She	And the Real Answer of Concession, and the Real Property in the Real Pro	94
2	Address 12700 Hagen	s Ferry Road, Hunterville NC 280	078					
2:	a. Unit 121 12 1	1 and 2 Shared						
3	Address 422 S. Churc	Performed By       Duke Power Company       3a.       Work Order # 94013799         ess       422 S. Church St., Charlotte NC 28201       Repair Organization Job #         Code Symbol Stamp N/A       Authorization No. N/A       Expiration Date N/A       3b.       NSM or MM #       NA						
,			- present serie (Mrs		50. 1451		#/VM	
4.		tion Code ASME III_1971 Edition	on Summer and Winte	r Addenda	NO.			
	(b) Applicable Edition o	of Section XI Utilized for Repairs	or Replacements 1986	no Adden	da /// //		Ci	ode Cases
6.	Identification of Compor	nents Repaired or Replaced and	Replacement Compon	ents				
	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Compone	nt Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGON- 1-MCR-SM-006	DUKE POWEN	NA	NA	SNUBBON S/N 16088	NA	Repaired Replacement Replaced	I Yes
В	HANGER 1-MCR-SM-006	DUKE POWEN	NA	NA	SNUBBER S/N 20810	NA	Repaired Replacement Replaced	□ Yes
С							Repaired Replacement Replaced	D No Yes
D							Repaired     Replacement     Replaced	D No Ves
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

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

7.	Descriptio	n of Work REPLACED SNURREN					
8.	Test Cond	ducted: Hydrostatic 🖸 Pneumatic 🛄 Nominal Operating Pressure 🛄 Other 📴 Exempt 🛄					
		Pressure psig Test Temp. <u>°F</u>					
		Pressure psig Test Temp. °F					
		Pressure psig Test Temp. <u>°F</u>					
9.	Remarks	SNUBBER TESTED PRION TO INSTALLATION					
		(Applicable Manufacturer's Data Reports to be attached)					
		CERTIFICATE OF COMPLIANCE					
con	We certify forms to the	that the statements made in the report are correct and this repair or replacement re rules of the ASME Code, Section XI.					
Тур	e Code Sy	mbol Stamp <u>N/A</u>					
Cer	tificate of A	Authorization No. N/A Expiration Date N/A					
Sig	ned	Hablach, TELHNICH Spelit Alist IF Date 11/29, 1994 Owner or Owner's Designee, Title					
	an a	CERTIFICATE OF INSERVICE INSPECTION					
Ves Har beli Rep Fun	sel Inspec tford Conn 9-24- ef, the Ow bort in acco By signing lied, conce thermore,	aned, holding a valid commission issued by the National Board of Boiler and Pressure tors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period <u>19</u> to <u>1199944</u> , and state that to the best of my knowledge and ner has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. If this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. Ineither the Inspector nor his employer shall be liable in any manner for any personal injury mage or a loss of any kind arising from or connected with this inspection.					
	Inspe	Commissions_NB7728, NC \$53, A - N - Z Ctor's Signature National Board, State, Province and Endorsements					
Dat		2919_94					

ì.

FORM NIS-2 OWNER'S REPOI As Required by the Provisions of the ASME Code Section XI

1.		Power Compa					1a. Dat	e 11/2/94	
	Address 422 S	Church St.	Charlotte NC 28201				She	statement of the second s	1
	Address 12700	ire Nuclear Si Hagers Fern 2 1 ar	Road, Hunterville NC 280	178					
3	Address 422 S	Church St., (	ower Company Charlotte NC 28201 A Authorization No. N/A	Expiration Date N/A			k Order 1 or MM	# <u>940140</u> Repair Organiza # <u>N/4</u>	
4. 5. 6.	(b) Applicable E	Construction C	VV code <u>ASME III</u> 19 <u>71</u> Edition ion XI Utilized for Repairs Repaired or Replaced and	or Replacements 1986.	no Addend	NO da		C	ode Cases
	Colum	n 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Co	omponent	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGOR I-MCR-NV-G HANGER	949	DUKE POWER	NA	NA	SNUBBER 5/N 20590	NA	Repaired     Replacement     Replaced	I Yes
B	HANGER 1-MCR-NV-9	49	DUKE POWER	NA	NA	SNUBBER SNU19917	NA	Repaired Replacement Replaced	Ves
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired     Replacement     Replaced	□ No □ Yes
E								Repaired     Replacement     Replaced	□ No □ Yes
F								Repaired     Replacement     Replaced	□ No □ Yes

	n of Work_SNUBBER REPLACED
8. Test Cond	ucted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other Exempt D
	Pressure psig Test Temp °F
	Pressure psig Test Temp. °F
	Pressure psig Test Temp. °F
9. Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to th	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp <u>N/A</u>
Certificate of A	Authorization No. N/A Expiration Date N/A
Signed 7	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conn 9-21-9 belief, the Own Report in acco By signing implied, conce Furthermore, r	ned, holding a valid commission issued by the National Board of Boiler and Pressure fors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period to <u>II-21-44</u> , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's indance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report. Theither the Inspector nor his employer shall be liable in any manner for any personal injury mage or a loss of any kind arising from or connected with this inspection.
Inspec	Commissions NIS (120, NC033, H National Board, State, Province and Endorsements
Date	29 .19 94



#### FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Address	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date October 4, 1995 Sheet 1 of 1
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.		formed By Duke Power Company	3a.	Work Order-# 94014349 (Class B)
	Address	422 S. Church St., Charlotte NC 28201		Repair Organization Job #
	Type Coo	le Symbol Stamp N/A Authorization No. N/A Expiration Date N/A	3b.	NSM or MM #_N/A
4	Identifica	tion of System NV - Chemical & Volume Control		

Code Cases

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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	1MNVVA0499	Grinnell	75-537-12-1	WR1943	model# SD-C-102450 item# 05B-202	1976	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

Description Test Condu	Ficodulo	Nominal Operating Pressure ØOther □       Exempt □         psig       Test Temp.       °F         psig       Test Temp.       °F         Test Temp.       °F         Sector       °F
	110051010	psig Test Temp. <u>°F</u>
. Remarks		
	(Applicable Manufacture	er's Data Reports to be attached)
	CERTIFI	CATE OF COMPLIANCE
We certify conforms to th	y that the statements made in t he rules of the ASME Code, Se	the report are correct and this <u>repair or replacement</u> ection XI.
	Authorization No. N/A	Expiration Date N/A
Signed		<u>Jr / Technical Specialist</u> Date <u>ro/4/</u> , 19 <u>95</u> Designee, Title
	CERTIFICAT	E OF INSERVICE INSPECTION
Vessel Inspe Hartford Co 2-17-94 belief, the C Report in ac By sign implied, con Furthermor or property Ins	signed, holding a valid commission ectors and the State or Province <u>nnecticut</u> have inspected the community to $10-4-9\le$ owner has performed examinate ccordance with the requirement ing this certificate neither the lin ncerning the examinations and re, neither the Inspector nor his	sion issued by the National Board of Boiler and Pressure of North Carolina and employed by <u>HSBI and I Company</u> of components described in this Owner's Report during the period , and state that to the best of my knowledge and tions and taken corrective measures described in this Owner's its of the ASME Code, Section XI. Inspector nor his employer makes any warranty, expressed or corrective measures described in this Owner's Report. Semployer shall be liable in any manner for any personal injury arising from or connected with this inspection. Ommissions NB7728 NC 853, A-N-J National Board, State, Province and Endorsements

FORM NIS-2 OWNER'S REP( REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

- 1. Owner <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u>
- 2. Plant <u>McGuire Nuclear Station</u> Address <u>12700 Hagers Ferry Road, Hunterville NC 28078</u>
- 2a. Unit D1 D2 D1 and 2 Shared
- 3. Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>

1a. Date 11/7/94 Sheet

Code Cases

3a. Work Order # <u>940/5740</u> Repair Organization Job #
3b. NSM or MM # <u>NA</u>

4. Identification of System 5M

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NO</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u>, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 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 I-MCA-SM-159	DUKE POWER	NA	NA	SNUBBER_ S/N 16097	NA	Repaired Replacement Replaced	I Yes
B	HMGER 1-MCA-SM-159	Dike Powen	NA	NA	SNUBBER S/N 15686		Repaired Replacement Replaced	Ves
C							Repaired     Replacement     Replaced	O No Ves
D							Repaired     Replacement     Replaced	□ No □ Yes
E		•					Repaired     Replacement     Replaced	□ No □ Yes
F							C Repaired	□ No □ Yes

7. Desc	ription of W	Ork REPLA	LED SNU	IBBER		
8. Test	Conducted:	Hydrostatic Pressure Pressure Pressure	Pneumatic psig psig	Nominal ( Test Test	Operatir Temp. Temp. Temp.	°F
9. Rem	arks <u>Sn</u>	UBBER	TESTED	PRION	70	INSTALLY TION
		(Applicable Ma	nufacturer's D	ata Reports	to be a	ttached)
			CERTIFICATE	OF COMP	LIANC	E
We o conform:	certify that the tiles to the rules	he statements r s of the ASME (	nade in the re Code, Section	port are con XI.	rect and	i this <u>repair or replacement</u>
Туре Со	de Symbol s	Stamp <u>N/A</u>	2			
Certificat	te of Authori	ization No. N/A	Ŧ		E	Expiration Date N/A
Signed	H.G.	Black, Te Owner or Ov	EANKAL S	Veria Lisi De, Title	<u>Æ</u>	Date 1/7, 19 85
	anana ana ana ana ana	CERT	IFICATE OF I	NSERVICE	INSPE	CTION
Vessel In Hartford Delief, th Report in By s implied, Furtherm	Expectors an Connecticul L9 - 7 y e Owner ha n accordanc igning this c concerning hore, neither	the State or I thave inspecte to <u>//-7</u> s performed ex e with the requi entificate neither the examination r the Inspector I	Province of $\underline{Nc}$ d the component caminations and irements of the er the Inspecto ns and correct nor his employ	orth Carolina ents describ , and sta d taken con e ASME Coo or nor his en ive measure ver shall be	a and ei bed in th ate that rective de, Sec nployer es desc liable in	al Board of Boiler and Pressure mployed by <u>HSBI and I Company</u> of his Owner's Report during the period to the best of my knowledge and measures described in this Owner's tion XI. makes any warranty, expressed or ribed in this Owner's Report. h any manner for any personal injury with this inspection.
	nspector(s s	0	Commissi	ons <u>N7</u> National	Board,	28 NCSS3A-N- $I$ State, Province and Endorsements
Date	11-2	19.74	terminen ber sin statute bereiter von		COLOR OF COLOR AND A	

FORM NIS-2 OWNER'S REP( REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

2	incourte nuclear	<u>Charlotte NC 28201</u>				1a. Dat She	e <u>11/7/94</u> etof	
2 3 4. 5. 6.	Address <u>422 S. Church St.</u> Type Code Symbol Stamp N Identification of System (a) Applicable Construction (b) Applicable Edition of Sec	And 2 Shared Power Company Charlotte NC 28201 I/A Authorization No. N/A SM Code ASME III 1971 Edition Cition XI Utilized for Repairs	Expiration Date <u>N/A</u>	no Adden	3b. NSM	rk Order M or MM		-
-	Column 1	Column 2	Column 3	Col. 4	1 01 0	1		<u> </u>
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Column 5 Other Identification	Col 6 Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	HANGER I-MCR-SM-161 HANGER	DURKE POWER	NA	NA	SNUBBER S/N 15660		Repaired Replacement	⊡ <del>No</del> □ Yes
B	HANGER 1-MCR-SM-161	DUKE POWER DUKE POWER	NA	NA	SNUI3BER S/N/5417		Repaired Replacement Replaced	CHNO Ves
0							Repaired Replacement Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

7. Description	n of Work REPLACED SNUBBER
8. Test Cond	ucted: Hydrostatic I       Pneumatic I       Nominal Operating Pressure I       Other I       Exempt I         Pressure       psiq       Test Temp.       °F
9. Remarks	SNUBBER TESTER PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to the	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp N/A
Certificate of A	Authorization No. N/A Expiration Date N/A
Signed 7	tellach, TELHNICAL SPECIALIST IF Date 11/7, 19 54
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conne 9-29 belief, the Owr Report in acco By signing implied, conce Furthermore, r or property dar	ned, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period <u>1994</u> to <u>19799</u> , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's rdance with the requirements of the ASME Code, Section XI. This certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report. heither the Inspector nor his employer shall be liable in any manner for any personal injury mage or a loss of any kind arising from or connected with this inspection. <u>When</u> <u>Commissions</u> <u>NB77227 MCP53</u> <u>A-N-T</u> National Board, State, Province and Endorsements
Date	71994

FORM NIS-2 OWNER'S REP( REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.	Owner Address	Duke Power Com 422 S. Church St.	pany Charlotte NC 28201				1a. Date She	Manufacture and an of the second s	
2	Plant Address	McGuire Nuclear	Station ry Road, Hunterville NC 280	170					
2a	Unit		and 2 Shared	110					
3.		formed By Duke				3a. Wor	k Order	# 9401 575	īz.
			Charlotte NC 28201 I/A Authorization No. N/A	Expiration Date N/A		3b. NSN	1 or MM	Repair Organiza #A	ation Job #
4.			SM						
5.			Code ASME III 1971 Editio					Cc	de Cases
6.	(b) Applic Identificat	ion of Components	ction XI Utilized for Repairs of Repaired or Replaced and	or Replacements <u>1986</u> Replacement Compon	, no Addeni ents	da			
		Column 1	Column 2	Column 3	1	Column 5	Col 6	Column 7	Column 8
	Nam	e 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)
Ą	HANGE	72	Durch		.14	SNUBBER	14	Repaired     Replacement	I Yes

A	HANGER 1-MCR-SM-162	DUKE AWER	NA	NA	SNUBBER S/N 16033	1 · · · ·	Repaired     Replacement     Replaced	I Yes
В	HANDER I-MCR-SM-162	DUKE ROWER	NA	NA	SNUBBER S/N 15448		Repaired Replacement Replaced	☐ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

7.	Description	n of Work REPLACED SNUBBER
8.	Test Cond	ucted: Hydrostatic D Pneumatic Nominal Operating Pressure Other Exempt D
		Pressure psig Test Temp. °F Pressure psig Test Temp. °F
		Pressure psig Test Temp. °F Pressure psig Test Temp. °F
9.	Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
		(Applicable Manufacturer's Data Reports to be attached)
		CERTIFICATE OF COMPLIANCE
con	We certify forms to the	that the catements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Тур	e Code Syr	mbol Stamp <u>N/A</u>
Cer	tificate of A	Authorization No. N/A Expiration Date N/A
Sia	ned 7	LeBlach, TECHNICAL STECIALIST # Date 11/7, 1994
		Owner or Owner's Designee, Title
		CERTIFICATE OF INSERVICE INSPECTION
		CERTIFICATE OF INSERVICE INSPECTION
Ves Har beli Rep Fur	ssel Inspect tford Conne 9-29 ef, the Owr port in acco By signing blied, conce thermore, n	ned, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by HSBI and I Company of ecticut have inspected the components described in this Owner's Report during the period 49 to $11-7-99$ , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's rdance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report. heither the Inspector nor his employer shall be liable in any manner for any personal injury mage or a loss of any kind arising from or connected with this inspection.
	Inspec	Klein Commissions NB7728 NC853, A-N-T Adr's Signature National Board, State, Province and Endorsements
Dat	e	7- ,1994

FORM N'S 2 OWNER'S REPO REPAIRS OR REPLACEMENTS

As : \_\_\_\_\_ired by the Provisions of the ASME Code Section XI

1.	Owner         Duke Power Company           Address         422 S. Church St., Charlotte NC 28201	1a. Date94 Sheetof
2. 2a	Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 28078         a. Unit       1 2 1 and 2 Shared	
3	Work Patformed By Duke Power Company Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. Work Order # <u>94016304</u> Repair Organization Job # 3b. NSM or MM # <u>NA</u>
4. 5.	identification of System <u>NV</u> (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter Addenda</u> .	NO Code Cases

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u>, no Addenda
 6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER 1-MCR-NV-963	DUIKE POWER	NA	NA	SNUBBER SN 20583	NA	Repaired     Replacement     Replaced	I Yes
В	HANGER 1- 2-NV-963	alte Power	NA	NA	5NUBBER S/N 21185	NA	Repaired Replacement Replaced	I Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
Ε						1 1	<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	□ No □ Yes
F							C Repaired	□ No □ Yes

194

Code Cases

7.	Descriptio	n of Work Re	EPLACED	SNURBE	n			
8.	Test Cond	ucted: Hydrosta	tic D Pneun	natic D Nor	ninal Op	erating		ther Exempt
		Pressure		psig	Test Te	emp	٥F	
		Pressure		psig	Test Te		°F	
		Pressure		psig	Test Te	emp	٥F	1.1
9.	Remarks	SNUBBON	TBIED	PRYOR	70 1	NSTAC	LATION	
		(Applicabl	e Manufactu	rer's Data R	eports to	be atta	ched)	
	KONK Lennender alt sin General vorke		CERTIF	ICATE OF	COMPLI	ANCE		1
cor	We certify forms to th	that the stateme e rules of the AS	ents made in SME Code, S	the report a section XI.	re correc	and th	is <u>repair or re</u>	placement
Тур	be Code Sy	mbol Stamp	N/A					
Cer	rtificate of A	uthorization No.	N/A			Exc	iration Date	N/A
		1- 1		1 - 1				
Sig	ned 17.	He Black,	TELANICA	CARIA!	ST 4	Dat	e_1/17.199	4
	and the second sections of second	Owner	or Owner's D	esignee, Th	le		National and a derivative property and designs	
		0	ERTIFICAT	E OF INSE	VICE IN	ISPECT	ION	
		, i i i i i i i i i i i i i i i i i i i		L OF MOL	VAICE IN	ISPECI	ION	
Har beli	tford Conn 2 2 2 3 - ief, the Owr	ecticut have insp 99 to //	e or Province bected the co -9 -9 + ed examinati	e of <u>North C</u> mponents d ons and take	arolina escribed and state an correc	nd emp in this that to tive me	loyed by <u>HSB</u> Owner's Repo the best of my asures descri	r and Pressure II and I Company of ort during the period y knowledge and bed in this Owner's
	By signing	this certificate n	either the In	spector nor	his emplo	over ma	kes any warra	anty, expressed or
imp	lied, conce	ming the examin	nations and o	corrective m	easures	describe	ed in this Own	ier's Report.
org	property dar	mage or a loss o	f any kind an	ising from o	all be liat	ble in an	this inspection	any personal injury
	20	Loi						
	-ger	frem	Cor					A-N-I
	Inspec	ddr's Signature		Na	itional Bo	oard, St	ate, Province	and Endorsements
Dat	e //-	-9 ,19 94						
Station of Lot	And the local division of the spirit of the spirit, successing the	Restory mathematics process in all states and an excitation of a	STATISTICS OF STREET, AND STREET, STRE		IN APPROXIMATION OF THE OWNER OF THE	INCOMPANY OF ALL ADVICTOR INCOMPANY		And the second second second second second second second

FORM NIS-2 OWNER'S REPC OR REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1	Owner Duke Fower Com	ipany				ia. Dat	e_11/2/94	
	Address 422 S. Church St	Ch notte NC 28201				She		1
2		my Road, Hunterville NC 280	078					
3.		Power Company			3a. Wor	k Order	# 940182	16
	Address 422 S. Church St. Type Code Symbol Stamp	V/A Authorization No. N/A	Expiration Date N/A		3b. NSN	l or MM	Repair Organiz	ation Job #
4.		NV Code ASME III 1071 Edit	Cummer and Minte		NO			
9.	(b) Applicable Edition of Se	ction XI Utilized for Repairs	or Replacements 1986	no Adden	, NO		Ci	ode Cases
6.	Identification of Components	s Repaired or Replaced and	Replacement Compon	ents	ua			
	Column 1	Column 2	Column 3	Col. 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				SNUBBER		C Repaired	CI No
	1-MCA-NU-1052 HANGER	DUKE POWER	NA	NA	S/N 21774	NA	Replacement Replaced	□ Yes
8	HANGER				SNUBBER	1	Repaired	G No
~	1-MGA-NV-1052	DUKE POWER	NA	NA	5/N 2/74/	NA	Replacement Replaced	🗆 Yes
C							Repaired Replacement Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	O No
F							Replacement Replaced	□ Yes
						1.1	C Repaired	D No
				1. I. I. I.			Replacement     Replaced	□ Yes

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

7. Descriptio	In of Work SNURBER REPLACED
8. Test Cond	ducted: Hydrostatic □       Pneumatic □       Nominal Operating Pressure □       Other □       Exempt □         Pressure       psig       Test Temp.       °F
9. Remarks	SNUBBER TESTED PRICIA TO INSTALLAT ION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to the	that the statements made in the report are correct and this repair or replacement ne rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp <u>N/A</u>
Certificate of	Authorization No. N/A Expiration Date N/A
Signed 2	When or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conr 3-3- belief, the Ow Report in acc By signing implied, conc Furthermore, or property da Inspe	mer has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. g this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury amage or a loss of any kind arising from or connected with this inspection. Define Commissions $NB7728$ , $NC853$ , $A-N-T$ into a connected state, Province and Endorsements
Date/	<u>-9_,1994</u>

6

FORM NIS-2 OWNER'S REPC REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1	Owner Duke Power Cor Address 422 S. Church S	npany t., Charlotte NC 28201				1a. Dat She	e 11/7/94	
2	in o o o o o o o o o o o o o o o o o o o	erry Road, Hunterville NC 280	078					
4	Identification of System	t., Charlotte NC 28201 N/A Authorization No. N/A			3b. NSN	k Order 1 or MN	# <u>940182</u> Repair Organizi #NA	and the second se
6.	(b) Applicable Edition of Se Identification of Component	Code <u>ASME III</u> 1971 Edition ection XI Utilized for Repairs ts Repaired or Replaced and	or Replacements 1986	no Adden	da No		Co	ode Cases
1	Column 1	Column 2	Column 3	Col. 4	Column 5	Coi 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER 1-MCR-NV-1051	auke Power	NA	NA	SNUBBER S/W 21771	NA	Repaired     Replacement     Replaced	☐ <del>No</del> □ Yes
В	HANGER 1-MCR-NV.1051	Dike Power Dike Power	NA	NA	SMUBBER S/N 20506	NA	Repaired Replacement Replaced	I Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	D No Ves
F							C Repaired	□ No □ Yes

Pressure Pressure Pressure	psig	Nominal Oper	the second s	
Pressure Pressure	the second se		ating Pressure Other	Exempt
Pressure		Test Ten	<ul> <li>A set of the set of</li></ul>	
	psig	Test Ten	<ul> <li>Antical Conductants and an only of the second s</li></ul>	
	psig	Test Ten	np	
NUBBER	TESTED P	han To	INSTALLATION	
(Applicable M	Aanufacturer's Dat	a Reports to b	e attached)	
	CERTIFICATE	OF COMPLIA	NCE	
the statements es of the ASM	s made in the repo E Code, Section X	ort are correct	and this <u>repair or replace</u>	ement
	<u>A/V</u>			
prization No.	V/A		Expiration Date N/A	
Slach Owner or	<u>JEGHNICAL</u> Owner's Designee	ECIALIST IF	_Date 11/7, 19 54	
CEF	RTIFICATE OF IN	SERVICE INS	PECTION	ar a finne og ng nar samten mar a na harden her som
and the State of the set of the	examinations and quirements of the ther the Inspector	th Carolina and the described in , and state the taken correction ASME Code, so nor his employ we measures do	yer makes any warranty, escribed in this Owner's	<u>I Company</u> of iring the period bwledge and in this Owner's expressed or Report.
g ti				the Inspector nor his employer shall be liable in any manner for any

FORM NIS-2 OWNER'S REPOR

REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

- 1. Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201
- 2. Plant **AcGuire Nuclear Station** Address .700 Hagers Ferry Road, Hunterville NC 28078 G1 02 01 and 2 Shared 2a. Unit
- 3. Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201 Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

1a. Date Sheet

Code Cases

3a.	Work Order # 9401 8246	
3b.	Repair Organization Job NSM or MM #/#	#

4. Identification of System NV

5. (a) Applicable Construction Code ASME III\_1971 Edition, Summer and Winter Addenda, NO (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

-	Column 1	Column 2	Column 3	Col. 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	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER 1-MCR-NV-0931	DUKE Paren	NA	NA	SN419BER. YN 20591	NA	Repaired     Replacement     Replaced	I No Ves
B	HANGER 1-MCA-NV-D931	Dunce lowen	NA	NA	SNU1313EN S/N 21247	1/1	Repaired Replacement Replaced	I Yes
0							Repaired Replacement Replaced	□ No □ Yes
0							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
L								□ No □ Yes

8.	Descriptio	n of Work SNUBBER REPLANED
	Test Cond	ucted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other E Exempt D
		Pressure psig Test TempF
		Pressurepsig Test Temp°F
		Pressure psig Test Temp
9.	Remarks	Snugber Tester Amon TO INSTALLATION
		(Applicable Manufacturer's Data Reports to be attached)
	warint and Strapper to all a sa	CERTIFICATE OF COMPLIANCE
	We certify	that the statements made in the report are correct and this repair or replacement
201	morms to th	e rules of the ASME Code, Section XI.
Γy	pe Code Sy	mbol Stamp N/A
Ce	rtificate of A	uthorization No. N/A Expiration Date N/A
		HE RE TANK CONTRACTOR
519	gned (	H.G. Blank, TEXHNICAL Specialist ToDate 11/7, 1994
-	Alter that is not traditional to a statement	Owner or Owner's Designee, Title
		CERTIFICATE OF INSERVICE INSPECTION
Ve Ha bel Re Fu	ssel Inspect rtford Conne 3-3-4} lief, the Own port in acco By signing plied, conce rthermore, r	hed, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period to <u>HO4-44</u> , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's rdance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report. the internations and corrective measures described in this Owner's Report.
Ve Ha bel Re imp	ssel Inspect rtford Conne 3-3-4} lief, the Own port in acco By signing plied, conce rthermore, r	ned, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>acticut</u> have inspected the components described in this Owner's Report during the period to <u>HOM</u> 99 her has performed examinations and taken corrective measures described in this Owner's rdance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report.
Ve Ha bel Re Fu	ssel Inspect Inford Connu 3-3-41 lief, the Own port in acco By signing plied, conce rthermore, r property dar	hed, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period to <u>HO4-94</u> , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's rdance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report. the internations and corrective measures described in this Owner's Report.

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

As Required by the Provisions of the ASME Code Section XI

1.	Owner         Duke Power Com           Address         422 S. Church SI           Plant         McGuire Nuclear	Charlotte NC 28201				1a. Dat She	e <u>12/12/94</u> eet <u>1</u> of	_/
	Address 12700 Hagers Fe	my Road. Hunterville NC 280	<u>078</u>					
3. 4 5 8	Address <u>422 S. Church St</u> Type Code Symbol Stamp ( Identification of System (a) Applicable Construction (b) Applicable Edition of Se		on, Summer and Winte or Replacements 1986	no Adden	3b NSN	k Order		
_	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name ef Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	Anner 1-MCR-NU- 0972	DARE POWER	NA	N/2	SNUBBER 5/11 20612	NA	Repaired     Replacement     Replaced	No Yes
8	HANGER 1-MER- NV - 0972	DARE POWER	NA	N/A	Swuddon 3/4 20918		Repaired     Replacement     Replaced	
С							Repaired     Replacement     Replaced	O No Yes
D							Repaired     Replacement     Replaced	O No Ves
E				4			Repaired     Replacement     Replaced	O No Ves
F							C Repaired	O No Yes

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

Description	of Work 52	UBBAL	REVERSE	(M)		
Test Cond	ucted: Hydrostati	c 🖸 Pneum	natic 🖸 N	ominal Operati	ing Pressure Other D	Exempt
	Pressure	-	DSIG	Test Temp.	oF	_
		-	psig	the second se	which is not set on the set of th	
	Pressure	Construction by Second	psig	Test Temp.	•F	
Remarks	SNUBBER	TESTED	PRIOR	70 16(5	CLALCATION	Name of a state of the state of
	(Applicable	Manufactu	rer's Data	Reports to be a	attached)	
	analist constructions allow and the allowing allowing and an and a	CERTIF	ICATE O	FCOMPLIANC	CE	
We certify orms to th	that the stateme e rules of the AS	nts made in ME Code, S	the report Section XI.	t are correct an	nd this <u>repair or replace</u>	ment
e Code Sy	mbol Stamp	N/A				
ificate of A	uthorization No.	N/A			Expiration Date N/A	
160	Owner			Titie	Date 19/1/ 19 94	
Antonio ang	C	ERTIFICAT	E OF INS	ERVICE INSP	ECTION	
ford Conn 9-19-9 ef, the Own ort in acco By signing lied, conce hermore, i	tors and the State <u>ecticut</u> have insp <u>to</u> to <u>to</u> to <u>to</u> this certificate n this certificate n this certificate n the examin neither the Inspe-	e or Provinciple of Provinciple of Provinciple of the constant $\frac{\partial - }{\partial x} - \frac{\partial x}{\partial x} - \frac{\partial x}$	employer insing from	<u>Carolina</u> and s described in t , and state that aken corrective SME Code, Se or his employe measures des shall be liable in or connected	employed by <u>HSBI and</u> this Owner's Report dui at to the best of my kno e measures described in ction <u>XI</u> . If makes any warranty, cribed in this Owner's f in any manner for any	I Company of ing the period wiedge and in this Owner's expressed or Report. personal injury
	Remarks Remarks We certify forms to the e Code Syn inficate of A but e undersig sel Inspect ford Conn <u>Q - Q - Q</u> ef, the Own ont in accord By signing lied, conce thermore, in	Test Conducted: Hydrostati Pressure Pressure Pressure Remarks <u>SAUGBOR</u> (Applicable (Applicable We certify that the stateme forms to the rules of the AS e Code Symbol Stamp inficate of Authorization No. No. No. No. No. No. No. No. No. No.	Pressure Pressure Pressure Pressure Pressure Remarks <u>SAUGBOX</u> <u>TESTED</u> (Applicable Manufactu (Applicable Manufactu CERTIF We certify that the statements made in forms to the rules of the ASME Code, S e Code Symbol Stamp <u>N/A</u> ificate of Authorization No. <u>N/A</u> ificate of Authorization No. <u>N/A</u> Now <u>Tec Nerra</u> CERTIFICAT e undersigned, holding a valid commiss sel Inspectors and the State or Province tord <u>Connecticut</u> have inspected the c <u>Q-1Q-1Q-1Q-1Q-1Q-1Q-1Q-1Q-1Q-1Q-1Q-1Q-1Q</u>	Test Conducted: Hydrostatic Pneumatic N       Pressure       Psig         Remarks       Schußber       Tes Tes D         (Applicable Manufacturer's Data       CERTIFICATE O         We certify that the statements made in the reportorms to the rules of the ASME Code, Section XI.       E         e Code Symbol Stamp       N/A       Max         ifficate of Authorization No.       N/A         ifficate of Authorization No.       N/A         test network       Test network       Sector         Owner or Owner's Designee,       CERTIFICATE OF INS         e undersigned, holding a valid commission issue       Sel Inspectors and the State or Province o	Test Conducted: Hydrostatic Preumatic Nominal Operat         Pressure       Dsig       Test Temp         Remarks       SMEGBER       TESTED       Perox       Test Temp         (Applicable Manufacturer's Data Reports to be in       (Applicable Manufacturer's Data Reports to be in       (Applicable Manufacturer's Data Reports to be in         (Applicable Manufacturer's Data Reports to be in       (Applicable Manufacturer's Data Reports to be in       (Applicable Manufacturer's Data Reports to be in         (Applicable Manufacturer's Data Reports to be in       CERTIFICATE OF COMPLIANC       (Applicable Manufacturer's Data Reports to be in         (Applicable Manufacturer's Data Reports to be in       (Applicable Manufacturer's Data Reports to be in       (Applicable Manufacturer's Data Reports to be in         (Applicable Manufacturer's Data Reports to be in       (Applicable Manufacturer's Data Reports to be in       (Applicable Manufacturer's Data Reports to be in         (But in the rules of the ASME Code, Section XI.       (Applicable Manufacturer's Data Reports to be in the rules of the Asmetion Section No.       N/A         (But in the state or Province of	Test Conducted: Hydrostatic Pressure       Preumatic Test Temp.       Pressure       Pressur

690

FORM NIS-2 OWNER'S REPOR

							1	
1	Owner         Duke Power           Address         422 S. Churc	Company ch St., Charlotte NC 28201				1a. Dat She	second and the second second second second second second second second	
2	ino ouno ituo	clear Station is Ferry Road, Hunterville NC 280	078					
2		1 and 2 Shared	010					
3					3a. Wor	k Order	# 9401970	81
		th St., Charlotte NC 28201 Imp N/A Authorization No. N/A	Expiration Date N/A			A or MM	Repair Organiza	
4.5.	(b) Applicable Edition of	ction Code <u>ASME III 1971</u> Edition of Section XI Utilized for Repairs nents Repaired or Replaced and	or Replacements 1986	, no Adden	No		C(	ode Cases
	Column 1	Coiumn 2	Column 3	Col. 4	Column 5	Col 6	Caluma 7	1.0.1
	Name of Compone	And and which is an an and a second structure and the same of the	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Column 7 Repaired, Replaced, or Replacement	Column 8 ASME Code Stamped (yes or no)
A	HANGER I-MCR-CF-210	OHKE POWER	NA	NA	SNUBBER 5/N 15825	NA	Repaired     Replacement     Replaced	⊡ <del>No</del> □ Yes
B	HAN'ER i-MCK-CF-210	DUKE POWER DUKE POWER	NA	NA	SNUBBER 5/N 21220	NA	Repaired Replacement Replaced	I Yes
C							Repaired     Replacement     Replaced	D No Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired Replacement Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

7. Description of Work_SNUBBER REPLACED	
8. Test Conducted: Hydrostatic D Pneumatic Nominal Operating Pressure Other Exempt	2
Pressure <u>psig</u> Test Temp. <u>°F</u> Pressure psig Test Temp. °F	
Pressure <u>psig</u> Test Temp. <u>°F</u> Pressure psig Test Temp. °F	
9. Remarks SNUBBER TETED PRIOR TO INSTALLATION	
(Applicable Manufacturer's Data Reports to be attached)	
CERTIFICATE OF COMPLIANCE	٦
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 <u>N/A</u>	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Hullach, TECHNICAL Sacialist I Date 4/2, 1984	
Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE INSPECTION	-
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company Hartford Connecticut have inspected the components described in this Owner's Report during the peri- delief, 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 of 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 inju- or property damage or a loss of any kind arising from or connected with this inspection. Inspector's Signature Commissions $MB7778.8$ , $MC853, A-N-2$ .	od r's or ury
Date 1-3 .19 95	

FORM NIS-2 OWNER'S RE REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1.		Juke Power Com					1a. Date	e 11/7/94	
	Address 4	22 S. Church St.	., Charlotte NC 28201				She	et _/of _	1
2		AcGuire Nuclear							
2.	Address 1	2700 Hagers Fer	rry Road, Hunterville NC 280	078					
6.0		31 02 011	and 2 Shared						
3.			Power Company			3a. Wor	k Order	# 940197	86
			. Charlotte NC 28201					Repair Organiza	And addressed on the Conference of the Instantion of the Instantion
	Type Code	Symbol Stamp	V/A Authorization No. N/A	Expiration Date N/A		3b. NSM	1 or MM		
4.	Identification	n of System	CF						
5.	(a) Applical	ble Construction	Code ASME III 1971 Edition	on, Summer and Winte	Addenda	NO		Co	de Cases
6.	(b) Applicat	ble Edition of Se	ction XI Utilized for Repairs	or Replacements 1986	no Adden	da			
0.	identification	in or components	s Repaired or Replaced and	Replacement Compon	ents				
	and the second sec	olumn 1	Column 2	Column 3	Col. 4	Column 5	Col 8	Column 7	Column 8
	Name o	of Component	Name of Manufacturer	Manufacturer Serial	National	Other Identification	Year	Repaired,	ASME Code
				Number	Board		Built	Replaced, or	Stamped
Ą					Number			Replacement	(yes or no)
~	HANGER					SNUBBER		Repaired	0 NO
	1-MCR-0 HANGER	CF-302	DUILE POWER	NA	NA	S/N 15834	NA	Replacement Replaced	□ Yes
В	HANGER					SNUBBER	1	C Repaired	O No
	1-MCR-C		DUKE POWER	NA	NA	S/N16554	NA	Replacement	□ Yes
C	1.101- 0		pre rower			JIC 10337	1011	Replaced     Repaired	D No
								Replacement	I Yes
								C Replaced	
D								Repaired	D No
								Replacement	□ Yes
-								Replaced     Repaired	D No
								Replacement	I Yes
_					1			C Replaced	
								C Repaired	D No
								Replacement Replaced	□ Yes
						L		L Replaced	

F

7. Description	of Work REPLACED SNUBBER
8. Test Cond	ucted: Hydrostatic D Pneumatic Nominal Operating Pressure Other Exempt D
	Pressure psig Test Temp. °F Pressure psig Test Temp. °F
	Pressure <u>psig</u> Test Temp. <u>°F</u> Pressure psig Test Temp. °F
9. Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to the	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Type Code Syr	nbol Stamp <u>N/A</u>
Certificate of A	uthorization No. N/A Expiration Date N/A
Signed 7	TEBlack, TELHNICAC SAFCIALOST F Date 1/1, 1994 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conne 129-94 belief, the Own Report in accor By signing implied, concer Furthermore, n or property dar	The r has performed examinations and taken corrective measures described in this Owner's redance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report. either the Inspector nor his employer shall be liable in any manner for any personal injury nage or a loss of any kind arising from or connected with this inspection. When Commissions MB7728 NC 855 A-N-T Ter's Signature National Board, State, Province and Endorsements
Date 12-7	<u>19 9 4</u>

FORM NIS-2 OWNER'S RE

E

RM NIS-2 OWNER'S RE REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

1	Owner Duke Power Com Address 422 S. Church St					1a. Dat She	e_11/2/94	
2	Plant McGuire Nuclear	Station rry Road, Hunterville NC 280	078			Silt		
3.	Work Performed By Duke Address 422 S. Church St.				3a. Wor	rk Order	# Repair Organiz	The rest function in our shall, some space of the second
	Type Code Symbol Stamp	V/A Authorization No. N/A	Expiration Date N/A		3b. NSM	1 or MM	#NA	2000 000 #
4. 5. 6.	Identification of System (a) Applicable Construction (b) Applicable Edition of Se Identification of Components	ction XI Utilized for Repairs	or Replacements 1986	no Adden	NO da		Co	ode Cases
	Columa 1	Column 2	Column 3	Coi. 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	HARGER I-MCR-CF-160	DUKE POWER	NA	NA	SMUBREN S/N 15836	NA	Repaired     Replacement     Replaced	☑ <del>No</del> □ Yes
В	HANGER. 1-MCA-CF-160	DUKE POWER	NA	NA	SNUBBER S/N DO155	NA	Repaired     Replacement     Replaced	I Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired Replacement Replaced	□ No □ Yes
E							Repaired Replacement Replaced	D No Ves
F							Repaired     Replacement     Replaced	□ No □ Yes

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

7. De:	scription	of Work_ REPL	ACED SNU	BBEN		
8. Tes	st Condu	cted: Hydrostatic [ Pressure Pressure Pressure Pressure	Pneumatic  psig psig psig psig	Nominal Opera Test Tem Test Tem Test Tem	0°F 0°F	Other 🗗 Exempt 🔲
9. Rei	marks	SNUBBER	TESTED PR	10R 70 1	NSTALLATION	<u> </u>
	-	(Applicable M	anufacturer's Data	a Reports to be	attached)	
			CERTIFICATE C	OF COMPLIAN	CE	
We conform	certify the	hat the statements rules of the ASME	made in the repo Code, Section XI	rt are correct a	nd this <u>repair or r</u>	eplacement
Туре Со	ode Sym	bol Stamp <u>N</u>	<u>/A</u>			
Certifica		thorization No. N			Expiration Date	
Signed	71.9	Black TEL Owner or C	Dwner's Designee,	Title	Date 11/7_, 197	74
	IN TRADES OF STREAM AND	CER	TIFICATE OF INS	SERVICE INS	ECTION	
Vessel I Hartford 9 ~ 2 belief, tl Report i By s implied, Furtherr or prope	he Owne in accord signing th concern more, ne erty dama	ed, holding a valid rs and the State or ticut have inspect to <u>to</u> to <u>to</u> the spector that performed e lance with the requires the examination ther the Inspector age or a loss of an the stignature	commission issue Province of North ed the component 5 - 94 examinations and to uirements of the A her the inspector mons and corrective nor his employer by kind arising from	d by the Nation <u>Carolina</u> and s described in , and state the aken corrective SME Code, Se or his employed measures des shall be liable n or connected s	nal Board of Boile employed by <u>HSI</u> this Owner's Rep at to the best of n e measures descr totion XI. r makes any wan cribed in this Ow in any manner fo with this inspection 728; NC 85.	BI and I Company of ort during the period ny knowledge and ribed in this Owner's ranty, expressed or mer's Report.
Date	12-5	1994		NATIONAL STREET, SALES AND ADDRESS ADDR		

÷

FORM NIS-2 OWNER'S REPO REPAIRS OR REPLACEMENTS As Required by the Provisions of the ASME Code Section XI

2       Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 28078         2a. Unit       Dr 1 2 2 1 and 2 Shared.         3       Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 2801 Type Code Symbol Stamp MA Authorization No. MA Expiration Date MA       3a. Work Order # <u>9401 9803</u> Repair Organization Job 7         4. Identification of System <u>SM</u> 5. (a) Applicable Construction Code ASME III. 1971 Edition, Summer and Winter Addrenda.       ND         (b) Applicable Edition of Section XI Utilized for Repairs or Replacement S1988, no Addenda       Code Cases         6. Identification of Components Repaired or Replaced and Replacement Components       Column 5       Col 6       Column 7       Column 7         Column 1       Column 2       Column 3       Col. 4       Column 5       Col 6       Column 7       Column 7         A       HANLECK       Image: Replaced, or 8       Stample       Stample       Stample         A       HANLECK       Image: Replaced, image: Replac	1.	Owner Duke Power Co Address 422 S. Church S	mpany St. Chadotte NC 28201				1a. Dat		
Address       12700 Hagers Ferry Read, Hunterville NC 28078         2a       Unit       Image: Construction of the image: Construction No. N/A Expiration Date N/A         3       Work Performed By Duke Power Company Address       3a. Work Order # <u>9401 9803</u> Repair Organization Job # NSM or MM # <u>N/A</u> 4.       Identification of System <u>SM</u> 3b. NSM or MM # <u>N/A</u> 5.       (a) Applicable Construction Code <u>ASME III 1971 Edition, Summer and Winter</u> Addenda. Iteration of Components Repaired or Replacements 1988, no Addenda <u>NOC</u> 6.       Identification of System <u>SM</u> <u>Column 2</u> <u>Column 3</u> <u>Column 5</u> <u>Col 6</u> <u>Column 7</u> <u>Column 7</u> <u>Name of Components Repaired or Replacement Components</u> Address Humber <u>Manufacturer Serial Number</u> <u>Number</u> <u>NumBritication Verar</u> <u>Replacement (ves or replacement Ver</u>	2						She	et of	
22 Unit       Duke       Duke       Power Company Address       3a.       Work Order # <u>94019803</u> Repair Organization Job f         3.       Work Performed By       Duke Power Company Address       3a.       Work Order # <u>94019803</u> Repair Organization Job f         4.       Identification of System       Small       3b.       NSM or MM # <u>N/4</u> 4.       Identification of System       Small       1971       Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda       Modenda       Code Cases         6.       Identification of Components Repaired or Replaced and Replacement 1986, no Addenda       Modenda       Column 7	. 2.			778					
Address     422 S. Church St. Charlotte NC 28201     Repair Organization Job f       Type Code Symbol Stamp N/A     Authorization No. N/A     Expiration Date N/A     3b. NSM or MM #	28	a. Unit III III IIII	1 and 2 Shared	210					
4. Identification of System       SM       SM       Sb. NSM or MM #A/A         4. Identification of System       SM       Sc. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda.       NO       Code Cases         5. (a) Applicable Construction of Section XI Utilized for Repairs or Replacements 1986, no Addenda       NO       Code Cases         6. Identification of Components Repaired or Replaced and Replacement Components       Column 5       Col 6       Column 7       Column 7         View of Component       Name of Manufacturer       Manufacturer Serial National Number       Number       Other Identification       Year       Repaired, ASME C         A       HAWLCK       Image: Power NA       NA       S/W/B/35C7C       Image: Replaced Image: Power NA       Replaced Image: Power NA         B       HAWLCK       Image: Power NA       NA       S/W/B/35C7C       Image: Replaced Image: Power Power NA       Projected Image: Power	3.	Address 422 S. Church S	st., Charlotte NC 28201			3a. Wo	rk Order		
4. Identification of System       SM         5. (a) Applicable Construction Code ASME III. 1971 Edition. Summer and Winter Addenda.       NO       Code Cases         (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda       Column 1       Code Cases         6. Identification of Components Repaired or Replaced and Replacement Components       Column 5       Col 6       Column 7       Column 7         Name of Component       Name of Manufacturer       Manufacturer Serial National Board, Number       Other Identification       Year       Repaired, ASME C         A       HANGER       SMURJ3CTL       Replaced, or Stamp Replacement       Yes or I         A       HANGER       SMURJ3CTL       Replaced or Replaced and Replacement       Yes or I         B       HANGER       NA       NA       S/N / 6036       NA       Replaced or Replaced and Replacement         C       I-MCA-5M-087       Dukte fowere       NA       NA       S/N 2/ 216       M Replaced and Replacement       Yes or I         B       HANGER       I-MCA-5M-087       Dukte fowere       NA       NA       S/N 2/ 216       M Replaced and and and and and and and and and an		Type Code Symbol Stamp	N/A Authorization No. N/A	Expiration Date N/A		3b. NSM	A or MM	# NA	ation Job #
5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda.       NO       Code Cases         (b) Applicable Construction of Section XI Utilized for Replaced and Replacements 1986, no Addenda       Column 5       Col 6       Column 7	4	Identification of System	SM						
(b) ApplicaCle Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda       6000 0ases         6. Identification of Components Repaired or Replaced and Replacement Components       Column 1       Column 2       Column 3       Col. 4       Column 5       Col 6       Column 7       Column 7         Name of Component       Name of Manufacturer       Manufacturer Serial Number       National Board Number       Other Identification       Year       Repaired, Replaced, or Replaced, or Replacement       Stampe         A       HANGCK       Image: Replacement Power       NA       NA       Stampe       Stampe       Press       Stampe         B       HANGCK       Image: Replacement Power       NA       NA       Stampe       Press       Press       Press         C       Image: Replacement Power       NA       NA       Stampe       Press       Press       Press       Press         C       Image: Replacement Power       NA       NA       Stampe       Press       Press <td< td=""><td>5.</td><td>(a) Applicable Constructio</td><td>n Code ASME III 1971 Edition</td><td>on, Summer and Winte</td><td>r Addenda</td><td>NO</td><td></td><td></td><td></td></td<>	5.	(a) Applicable Constructio	n Code ASME III 1971 Edition	on, Summer and Winte	r Addenda	NO			
Column 1       Column 2       Column 3       Col. 4       Column 5       Col 6       Column 7       Column 7         Name of Component       Name of Manufacturer       Manufacturer Serial Number       National Board Number       Other Identification       Year       Repaired, Repaired, Repaired, Repaired, Repaired, Repaired, Repaired, Replacement       ASME C         A       HANLEX       Image: Source Power       NA       NA       Sourd, Number       Repaired, Replacement       ASME C         B       HANLEX       Image: Source Power       NA       NA       Sourd, Ibo36       NA       Repaired       ASME C         B       HANLEX       Image: Power       NA       NA       Sourd, Ibo36       NA       Repaired       Image: Power       Image: Power <td>6</td> <td>(b) Applicable Edition of S</td> <td>ection XI Utilized for Repairs</td> <td>or Replacements 1986</td> <td>no Adden</td> <td>da</td> <td></td> <td></td> <td>ode Cases</td>	6	(b) Applicable Edition of S	ection XI Utilized for Repairs	or Replacements 1986	no Adden	da			ode Cases
Name of Component       Name of Manufacturer       Manufacturer Serial Number       National Board Number       Other Identification       Year Built Replaced, or Replacement       ASME C Stamp         A       HANGER       I-MCR-SM - DB7       DUKE POWER       NA       NA       S/N/B/3E7L       Image: Replacement       Image: Repla	0.	identification of Componer	its Repaired or Replaced and	Replacement Compon	ents				
Name of Component       Name of Manufacturer       Manufacturer Serial Number       National Board Number       Other Identification       Year Built       Replaced, or Replaced, or Replaced, or Replaced, or Replacement       ASME C         A       HANGEX       I-MCA-SM - DB7       DUKE POWER       NA       NA       S/N/B/BCT       Beaired       Broad       Properties       Properties       Properties       Properties       NA       NA       S/N/B/BCT       Breplacement       Properties       Properies       Properties       Properies		Column 1		Column 3	Col. 4	Column 5	1Col 6	Column 7	Columa 0
A     HANGER     Board     Built     Replaced, or Replacement     Stamper (yes or replacement       A     HANGER     SAURABER     Image: Replaced     Image:		Name of Component	Name of Manufacturer		National			the state of the s	ASME Code
A       HANGER       SAURBOCK       Repaired       Providential				Number		2008 - 100	Built	Replaced, or	Stamped
I-MCA-5M-087       DUKE POWER       NA       NA       S/N 16036       NA       Replacement       Yes         B       HANGER       Image: Amount of the state of the st	A	1111-1-1-1			Number				(yes or no)
I-MULE-SMI-DB1     ULICE VOWER     NH     NH     NH     NH     SNU1/BDE     Replaced       B     HANGER     JAME fower     NA     SAUIABER     Repaired     Tro       I-MCA-SM-087     DUKE fower     NA     NA     S/N 2/ 2/ 6     MH     Replaced       C     D     Replaced     Replaced     No     Replaced     No       C     D     Replaced     NA     S/N 2/ 2/ 6     MH     Replaced       D     D     D     Replaced     No     Replaced     No       E     D     Image: state of the s									
Image: Amage:	0		DUKE POWER	NA	NA	S/N 16036	NA	Replaced	Lies
I-MCA-5M-087       Duke fower       NA       NA       S/N 2/ 2/6       MI       Breplacement Replaced       Yes         C       Image: Comparison of the state of	В	HANGER						C Repaired	
C		1-MCR-5M-087	Duke Power	NA	NA	S/N 21216	NA	Replacement Replaced	□ Yes
D C C C C C C C C C C C C C C C C C C C	C							Repaired	
D  Repaired Replacement Replaced  No  Replaced  No  Replaced  No  Replaced  No  Replaced  No  Replacement Replacement Replaced			1				1		□ Yes
E Replacement Yes Replaced No Replacement Yes Replacement Yes Replacement Yes Replacement Yes	D								O No
E Bepaired No Replacement Yes Replaced								C Replacement	□ Yes
*   Replacement Yes  Replaced  Yes	E								
					1.1.1		1.5		
	_			Same and the second second					- 105
	F								
Replacement Yes     Replaced								Replacement	L Yes

7. Descriptio	n of Work_REPLACED SNUBBER_
8. Test Cond	ucted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other D Exempt D
	Pressure psig Test Temp. <u>°F</u>
	Pressure psig Test Temp. °F Pressure psig Test Temp. °F
9. Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to th	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp N/A
Certificate of A	Authorization No. N/A Expiration Date N/A
Signed 7	Ale Black, TELHNICAL SpeciAlist II Date 11/7, 1994 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conn 9-29-9 belief, the Own Report in acco By signing implied, conce Furthermore, r or property da	ned, holding a valid commission issued by the National Board of Boiler and Pressure fors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period to <u>11-7-99</u> , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's indance with the requirements of the ASME Code, Section XI. I this certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report. The inter the Inspector nor his employer shall be liable in any manner for any personal injury mage or a loss of any kind arising from or connected with this inspection. Commissions <u>NB7738</u> , <u>NC853</u> , <u>A-N-T</u> National Board, State, Province and Endorsements
Date	7 .19.94



- Duke Power Company 1. Owner Address 422 S. Church St., Charlotte NC 28201
- McGuire Nuclear Station 2. Plant Address 12700 Hagers Ferry Road, Hunterville NC 28078
- C1 C2 C1 and 2 Shared 2a. Unit
- 3. Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201 Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

11/7/94 1a. Date / of Sheet

Work Order # 94019811 3a Repair Organization Job # NSM or MM # NA 3b.

Identification of System SM 4.

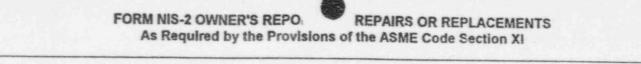
5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NO (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Bulit	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER I-MCR-SM-094	DUKE POWER	NA	NA	SNUBBER S/N 16091	NA	Repaired     Replacement     Replaced	□ Yes
B	HANGER 1-MCR-SM-094	Dyke Powen	NA	NA	SNUBBER S/N 16530	NA	Repaired Replacement Replaced	I Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E	5						C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

Code Cases

	ucted: Hydrostatic 🔲 Pneumatic 🛄 Nominal Operating Pressure 🖾 Other 📴 Exempt 🗖
	Pressurepsig Test Temp°F
	Pressure psig Test Temp. °F
	Pressure psig Test Temp. •F
). Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
	Applicable Manuta Jred's Data Rep De attached)
na a constante da constanti e forma constante da constan	CERTIFICATE OF COMPLIANCE
We certify	that the statements made in the report are correct and this repair or replacement
onforms to the	e rules of the ASME Code, Section XI.
ype Code Syr	mbol Stamp N/A
ertificate of A	uthorization No. N/A Expiration Date N/A
	And a second sec
	And a second sec
	19. Black, TEHNICH PERALIST Bate 11/7, 1994 Owner or Owner's Designee, Title
	19. Black, TEHNICAL Specialist Bate 11/7, 1994
	19. Black, TEHNICAL Specialist Bate 11/7, 1994
Signed 7	CERTIFICATE OF INSERVICE INSPECTION
Signed 7	CERTIFICATE OF INSERVICE INSPECTION
Signed	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by HSBI and I Company of ecticut have inspected the components described in this Owner's Report during the period
the undersigned 7	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company of</u> ecticut have inspected the components described in this Owner's Report during the period to 12-2-94 , and state that to the best of my knowledge and
the undersign (essel Inspect dartford Conne 929 vellef, the Own	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by <u>HSBI and I Company of</u> ecticut have inspected the components described in this Owner's Report during the period to 12-7-9.4 , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's
the undersign (essel Inspect artford Conne 921-9 pelief, the Own Report in acco	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by <u>HSBI and I Company of</u> ecticut have inspected the components described in this Owner's Report during the period by to 12-2-9.4 , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's rdance with the requirements of the ASME Code, Section XI.
the undersign (essel Inspect fartford Conne 929-9 pelief, the Own Report in acco By signing	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by <u>HSBI and I Company of</u> ecticut have inspected the components described in this Owner's Report during the period Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company of</u> ecticut have inspected the components described in this Owner's Report during the period Mer has performed examinations and taken corrective measures described in this Owner's rdance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employe: makes any warranty, expressed or
Signed 7 , the undersign /essel Inspect fartford Conne 7 2 1	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by HSBI and I Company of ecticut have inspected the components described in this Owner's Report during the period (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Signed , the undersign /essel Inspect tartford Conne 72 9-7 pelief, the Owr Report in acco By signing mplied, conce Furthermore, r	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> or ecticut have inspected the components described in this Owner's Report during the period Mer has performed examinations and taken corrective measures described in this Owner's rdance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employe: makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report.
Signed , the undersign Vessel Inspect Hartford Conne Part Pelief, the Own Report in acco By signing mplied, conce Furthermore, r or property dar	$\frac{14}{3} \frac{16}{9} \frac{1}{9} $
Signed 7 , the undersign Vessel Inspect Hartford Conne 92.9-9 Delief, the Own Report in acco By signing mplied, conce Furthermore, r or property dar	CERTIFICATE OF INSERVICE INSPECTION Med, holding a valid commission issued by the National Board of Boiler and Pressure ors and the State or Province of North Carolina and employed by HSBI and I Company of ecticut have inspected the components described in this Owner's Report during the period (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
signed , the undersign /essel Inspect lartford Conne P2 9-9 pelief, the Own Report in acco By signing mplied, conce Furthermore, r or property dar	$\frac{14}{3} \frac{16}{9} \frac{1}{9} $



- 1. Owner <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u>
- 2. Plant <u>McGuire Nuclear Station</u> Address <u>12700 Hagers Ferry Road, Hunterville NC 28078</u>
- 2a. Unit 1 2 1 and 2 Shared
- 3. Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>

1a. Date 11/7/94 Sheet 0f /

3a. Work Order # <u>94019818</u> Repair Organization Job #
3b. NSM or MM # NA

4. Identification of System \_\_\_\_\_\_\_\_

 5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda,
 NO
 Code Cases

 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda
 Code Cases

6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 4	Column 5	Coi 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	HAnber I-MCR-SM-093	Duké Power	NA	NA	SNUBBON S/N 16546 SNUBBON	MA	Repaired     Replacement     Replaced	□ No □ Yes
B	HANGER I-MCR-SM-093	Duke POWER	NA	NA	SNYBBER S/N 15865	NA	Repaired Replacement	I Yes
С	1-mcn- 5/4-075	CALLE FOWER		IVA	91~ 13 065	110	Replaced Repaired Replacement Replaced	□ No □ Yes
D							C Repaired	□ No □ Yes
E		•					C Repaired	□ No □ Yes
F							C Repaired	□ No □ Yes

Form NIS-2 (E .)

8. Test Cor	
	nducted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other Exempt D
	Pressure psig Test TempF
	Pressure psig Test Temp. °F Pressure psig Test Temp. °F
9. Remarks	Shubben TESTED PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certi conforms to	fy that the statements made in the report are correct and this repair or replacement the rules of the ASME Code, Section XI.
	Authorization No. N/A Expiration Date N/A
senificate of	Authorization No. N/A Expiration Date N/A
	He Black, Talky 14 PRIALIST IF Date 11/7, 19 94
	Ne Black, Tathulal Statulost II Date 11/7, 19.94 Owner or Owner's Des: ee, Title
Signed I, the undersi Vessel Inspe Hartford Con U-Q-9-9 belief, the Ov Report in acc By signin implied, cond Furthermore,	Mark       Tarmulal       Addition       Date $1/2$ , 19.94         Owner or Owner's Designed, Title         CERTIFICATE OF INSERVICE INSPECTION         Igned, holding a valid commission issued by the National Dard of Boiler and Pressure         dors and the State or Province of North Carolina and employed by HSBI and I Company of necticut have inspected the components described in this Owner's Report during the period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period         Image: Design of the data period       Image: Design of the data period
Signed , the undersi Vessel Inspe Hartford Con 9-24-9 belief, the Ov Report in acc By signin mplied, conc Furthermore, or property d	<u>Marky Tauwial Arapatist TF</u> Date $\frac{11}{7}$ , 19 <u>94</u> Owner or Owner's Deside, Title CERTIFICATE OF INSERVICE INSPECTION Igned, holding a valid commission issued by the National Dard of Boiler and Pressure ctors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>necticut</u> have inspected the components described in this Owner's Report during the period to <u>11-7-99</u> , and state that to the best of my knowledge and wher has performed examinations and taken corrective measures described in this Owner's cordance with the requirements of the ASME Code, Section XI. Ing this certificate neither the Inspector nor his employer makes any warranty, expressed or company the examinations and corrective measures described in this Owner's Report. In either the Inspector nor his employer shall be liable in any manner for any personal injury



REPAIRS OR REPLACEMENTS

11

# As Required by the Provisions of the ASME Code Section XI

	Address 422 S. Church St	., Charlotie NC 28201				1a. Dat She		1
2	Plant <u>McGuire Nuclear</u> Address 12700 Hagers Fe	Station Try Road, Hunterville NC 280	178					
2	a. Unit 191 0 2 0 1	and 2 Shared	51 <b>5</b>					
3	Work Performed By Duke	Power Company			3a. Wo	. Order	# 940198	38
	Address 422 S. Church St. Type Code Symbol Stamp	<u>N/A</u> Authorization No. <u>N/A</u>	Expiration Date N/A		3b. NSM	M or MM	Repair Organiz	ation Job #
4. 5. 6.	(a) Applicable Construction (b) Applicable Edition of Se	ction XI Utilized for Repairs	or Replacements 1986	no Adden	NO da		C	ode Cases
Г	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufactu.er Seriai Number	National Board Number	Other Identification	Year Built	Replaced, or Replacement	ASME Coo Stamped (yes or no
A	HANGER I-MCR-KC-0870	DUKE POWER	NA	NA	SN4BBER S/N 20685	NA	Repaired Replacement Replaced	G No G Yes
В	HANGER I-MGR-KC-0370	DUKE POWER DUKE POWER	NA	NA	SNUBBER S/N 20900	NA	Repaired Replacement Replaced	☐ No □ Yes
С							Repaired     Replacement     Replaced	D No Yes
D							Repaired     Replacement     Replaced	O No Yes
E		•					Repaired     Replacement     Replaced	□ No □ Yes
F							Replacement     Replaced	□ No □ Yes

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

7.	Description	n of Work Su	UBBER	REPLACED
8.	Test Cond	ucted: Hydrostati	c 🖸 Pneumat	tic D Nominal Operating Pressure Other Exempt D
		Pressure		psig Test Temp. <u>°F</u>
		Pressure	CONTRACTOR OFFICE ADDRESS OF TAXABLE	psig Test Temp. <u>°F</u>
		Pressure		psig Test Temp. <u>°F</u>
9.	Remarks	SNUBBER.	TERRED	PRIOR TO INSTALLATION
		(Applicable	Manufac	Data Reports to be attached)
			CERTIFIC	CATE OF COMPLIANCE
	forms to the	mat the statement e rules of the ASI mbol Stamp	ME Code, Sec	ne report are correct and this <u>repair or replacement</u> ction XI.
Cer	tificate of A	uthorization No.	N/A	Expiration Date N/A
Sig	ned Z	Ke Black	TRUNICAL	Sparalest & Date 11/7, 1994
		Owner o	r Owner's Des	signee, Title
			Nor which we have been been and the second	
		CI	RTIFICATE	OF INSERVICE INSPECTION
Ves Har beli Rep Fur	sel Inspect tford Conne 3-7-94 ef, the Own bort in acco By signing lied, conce thermore, n	to	or Province of ected the com 1-29-94 d examination equirements of either the Insp ations and con for nor his em	on issued by the National Board of Boiler and Pressure of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of inponents described in this Owner's Report during the period , and state that to the best of my knowledge and is and taken corrective measures described in this Owner's of the ASME Code, Section XI. Dector nor his employer makes any warranty, expressed or mective measures described in this Owner's Report. Inployer shall be liable in any manner for any personal injury ing from or connected with this inspection.
	al	Hein		missions NB7728, NC853 A-N-I
	Inspec	tors Signature		National Board, State, Province and Endorsements
Dat	e 11-2	9 .19 94		

÷.,



# 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         422 S. Church St., Charlotte NC 28201		1a. Date <u>October 4, 1995</u> Sheet <u>1</u> of <u>1</u>
	Plant     McGuire Nuclear Station       Address     12700 Hagers Ferry Road, Huntersville NC 28078       Unit     ☑ 1     □2     □ 1     and 2		
	Company	3a. 3b.	Work Order # <u>94024039 (Class B)</u> Repair Organization Job # NSM or MM # <u>N/A</u>
4.	Identification of System <u>NV - Chemical &amp; Volume Control</u>	NE	Code Cases

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

6. Identificat. of Components Repaired or Replaced and Replacement Components

T	Column 1	Column 2	Column 3	Col. 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	1MNVVA0006	Dresser	TD36317	204	model# 1910-30K	1976	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
с							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ Nc □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

. Descrip	tion of Work Replaced dis	SC		A 12 YO R REAL PROPERTY AND ADDRESS OF A DESCRIPTION OF A	A CARD DE LA
3. Test Co	inducted: Hydrostatic DPr	neumatic 🗆 🛛 🗠		Pressure ØOther	Exempt 🗆
	Pressure	psig	Test Temp		
	Pressure	psig	Test Temp.	٥F	
	Pressure	psig	Test Temp.	°F	
. Remark	(S				
	(Applicable Man	ufacturer's Data	Reports to be atta	ched)	
	с	ERTIFICATE O	F COMPLIANCE		
	tify that the statements m o the rules of the ASME C			is <u>repair or replace</u>	ment
Type Code	Symbol Stamp N/A				
Certificate	of Authorization No. N/A		Ex	biration Date N/A	
	Relate FL	<u>Grass Jr / Tech</u> ner's Designee,	nical Specialist Da		
Certificate	Owner or Ow	ner's Designee,	nical Specialist Da	e <u>whe</u> , 19 <u>95</u>	
Signed I, the under Vessel Insp Hartford Co Report in a By sign implied, co Furthermo	Owner or Ow	FICATE OF INS FICATE OF INS ommission issue rovince of <u>North</u> the component -95 minations and the ements of the A r the Inspector r s and corrective or his employer kind arising from	Anical Specialist Da Title DERVICE INSPEC and by the National B an Carolina and emp ts described in this _, and state that to taken corrective mo SME Code, Section for his employer mo e measures describe shall be liable in a m or connected with	rion Board of Boiler and b bloyed by <u>HSBI and</u> Owner's Report dur the best of my know easures described in n XI. akes any warranty, o ed in this Owner's P ny manner for any p n this inspection.	I Company of ing the period wledge and h this Owner's expressed or Report. personal injury
Signed I, the under Vessel Insp Hartford Co Report in a By sign implied, co Furthermo	FL Owner or Ow CERTIN rsigned, holding a valid co bectors and the State or P <u>onnecticut</u> have inspected 3-94 to <u>10-9</u> Owner has performed exa incordance with the requir hing this certificate neither oncerning the examination re, neither the Inspector n	FICATE OF INS FICATE OF INS ommission issue rovince of <u>North</u> the component -95 minations and the ements of the A r the Inspector r s and corrective or his employer kind arising from	<b>EXAMPLE 1</b> Specialist Data Title <b>ERVICE INSPEC</b> ad by the National B <u>In Carolina</u> and emp ts described in this _, and state that to taken corrective mo SME Code, Section for his employer mo e measures described is hall be liable in a m or connected with as $\sqrt{B}$ 772	rion Board of Boiler and b bloyed by <u>HSBI and</u> Owner's Report dur the best of my know easures described in n XI. akes any warranty, f ed in this Owner's F my manner for any p in this inspection.	1 Company of ing the period wledge and h this Owner's expressed or Report. bersonal injury
Signed I, the under Vessel Insp Hartford Co Report in a By sign implied, co Furthermo	FL Owner or Ow CERTIN rsigned, holding a valid co bectors and the State or P <u>onnecticut</u> have inspected 3-94 to <u>10-9</u> Owner has performed exa incordance with the requir hing this certificate neither oncerning the examination re, neither the Inspector n	FICATE OF INS FICATE OF INS ommission issue rovince of <u>North</u> the component -95 minations and the ements of the A r the Inspector r s and corrective or his employer kind arising from	<b>EXAMPLE 1</b> Specialist Data Title <b>ERVICE INSPEC</b> ad by the National B <u>In Carolina</u> and emp ts described in this _, and state that to taken corrective mo SME Code, Section for his employer mo e measures described is hall be liable in a m or connected with as $\sqrt{B}$ 772	TION Board of Boiler and Dooyed by <u>HSBI and</u> Owner's Report dur the best of my know easures described in n XI. akes any warranty, o ed in this Owner's F ny manner for any p	1 Company of ing the period wledge and n this Owner's expressed or Report. bersonal injury



1.	Owner Duke Power Company Address 422 S. Church St., Charlotte NC 28201		1a. Date October 4, 1995 Sheet 1 of 1
	Plant     McGuire Nuclear Station       Address     12700 Hagers Ferry Road, Huntersville NC 28078       Unit     1     1		
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.	Work Order # <u>94028022 (Class B)</u> Repair Organization Job # NSM or MM # <u>N/A</u>
	Identification of System     NI - Safety Injection       (a) Applicable Construction Code     ASME III 1971 Edition, Summer and Winter Addenda, NG       (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda	ONE.	Code Cases

	Column 1	Column 2	Column 3	Col. 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	1MNIVA0152B	Walworth	C54749	9	model# A09554-M-163G item# 04J-003	1973	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							C Repaired	□ No □ Yes

	Description	n of Work Replaced v	veage			
8.	Test Cond	ucted: Hydrostatic DF		Iominal Operating	g Pressure ØOther	Exempt [7]
		Pressure	psig	Test Temp.	°F	Exempt C
		Pressure	psig	Test Temp.		
		Pressure	psig	Test Temp.		
Э.	Remarks					
		(Applicable Mar	ufacturer's Data	Reports to be att	ached)	
		c	ERTIFICATE O	F COMPLIANCE	9	
:01	We certify nforms to the	that the statements me rules of the ASME C	ade in the report ode, Section XI.	are correct and t	this <u>repair or replacer</u>	nent
'yı	pe Code Syr	mbol Stamp <u>N/A</u>				
e	difference of A					
		uthorization No. N/A		Ex	piration Date N/A	
	ined	AND FL	Grass Jr / Techn	ical Specialist Da	xpiration Date <u>N/A</u> ate <u>10/4/</u> , 19 <u>25</u>	
		AND FL		ical Specialist Da		
		Owner or Ow	Grass Jr / Techn ner's Designee,	ical Specialist Da	ate <u>10/4/</u> , 19 <u>95</u>	
, ti del del Re Fur	the undersign ssel Inspect atford Conne 9-2-94 ief, the Own port in account By signing blied, conce thermore, n	FL Owner or Ow CERTI ned, holding a valid cto ors and the State or P ecticut have inspected to <u>10-4</u> her has performed exa rdance with the require this certificate neither rning the examination reither the Inspector neither	Grass Jr / Techn ner's Designee, FICATE OF INS ommission issued rovince of North the components 95 minations and ta ements of the AS the Inspector no s and corrective or his employer s	ical Specialist Da Title ERVICE INSPEC by the National Carolina and em described in this , and state that to ken corrective m SME Code, Section or his employer m measures described thall be liable in a	TION Board of Boiler and P ployed by <u>HSBI and I</u> Owner's Report durin to the best of my know easures described in on XI. takes any warranty, et bed in this Owner's Re	Company of ng the period ledge and this Owner's expressed or
, ti /e: da pel Re	he undersign ssel Inspector rtford Conne 9-2-94 ief, the Own port in accou By signing blied, conce thermore, n property dan	FL Owner or Ow CERTI ned, holding a valid co ors and the State or P ecticut have inspected to	Grass Jr / Techn ner's Designee, FICATE OF INS ommission issued rovince of North the components -95 minations and ta ements of the AS the Inspector no s and corrective or his employer s kind arising from Commissions	ical Specialist Da Title ERVICE INSPEC by the National I Carolina and em described in this , and state that to ken corrective m SME Code, Section or his employer m measures described in all be liable in a or connected with	TION Board of Boiler and P ployed by <u>HSBI and I</u> Owner's Report durin to the best of my know easures described in on XI. takes any warranty, et bed in this Owner's Re	Company of ng the period ledge and this Owner's expressed or eport. ersonal injury N - I





1.	Owner         Duke Power Company           Address         422 S. Church St., Charlotte NC 28201			1a. Date <u>September 19, 1995</u> Sheet <u>1</u> of <u>1</u>
	Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Huntersville NC 280         a. Unit       Image: Display and 2 Shared	<u>978</u>		
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	Expiration Date <u>N/A</u>	3a. 3b.	Work Order # <u>94029943 (Class B)</u> Repair Organization Job # NSM or MM #_ <u>N/A</u>
5.	Identification of System       XCW - Civil Work (Pen# 461         (a) Applicable Construction Code       ASME III 1971 Edition         (b) Applicable Edition of Section XI Utilized for Repairs of Identification of Components Repaired or Replaced and Identification	n, <u>Summer and Winter</u> Addenda, <u>NONE</u> r Replacements <u>1989</u> , no Addenda		Code Cases

	Column 1	Column 2	Column 3	Col. 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	Penetration# 461	Duke Power	N/A	N/A	1XCWPFE461	N/A	Repaired     Replacement     Replaced	⊠ No □ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
C							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							C Repaired	□ No □ Yes
F							Repaired	□ No □ Yes

	on of Work Replaced nu	l			
8. Test Con	ducted: Hydrostatic DPr	Construction of the second s	ominal Operating F	Pressure ØOther	Exempt []
	Pressure	psig	Test Temp.	°F	
	Pressure	psig	Test Temp.	°F	
	Pressure _	psig	Test Temp.	°F	
). Remarks	Work performed on per	etration to build	ing (461)		_
	(Applicable Manu	ifacturer's Data I	Reports to be attac	hed)	
	CI	RTIFICATE OF	COMPLIANCE		
We certify conforms to th	y that the statements ma he rules of the ASME Co	ide in the report ide, Section XI.	are correct and thi	s <u>repair or replacen</u>	ient
Type Code Sy	ymbol Stamp <u>N/A</u>				
Certificate of	Authorization No. N/A		Expi	ration Date N/A	
Signed The		er's Designee, T	cal Specialist_Date	<u>9/19/</u> , 19 <u>9</u> 5	
	CERTIF	ICATE OF INSE	RVICE INSPECT	ON	
the undersid	gned, holding a valid cor	nmission issued	by the National Bo	ard of Boiler and P	ressure
Vessel Inspec Hartford Conr D-4-9 belief, the Ow Report in acco By signing implied, conco Furthermore,	ctors and the State or Pro necticut have inspected to	ninations and tal ments of the AS the Inspector nor and corrective r	described in this C and state that to t ken corrective mea ME Code, Section his employer make neasures described hall be liable in any	wher's Report durin he best of my knowl sures described in t XI. es any warranty, ex d in this Owner's Re manner for any pe	g the period edge and his Owner's pressed or port.
Vessel Inspect Hartford Conr Delief, the Ow Report in accor By signing mplied, conce Furthermore, or property da	tors and the State or Pro- <u>necticut</u> have inspected to <u>y</u> to <u>9-19-</u> wher has performed exam- ordance with the require g this certificate neither the erning the examinations neither the Inspector no amage or a loss of any kar <u>amage or a loss of any kar</u>	ninations and tal ments of the AS the Inspector nor and corrective r	described in this C and state that to t ken corrective mea ME Code, Section r his employer mak neasures describe hall be liable in any or connected with	wher's Report durin he best of my knowl sures described in t XI. es any warranty, ex d in this Owner's Re manner for any pe	g the period edge and his Owner's pressed or port. rsonal injury
Vessel Inspect Hartford Conr Delief, the Ow Report in accor By signing mplied, concor Furthermore, or property da	tors and the State or Pro- <u>necticut</u> have inspected to <u>y</u> to <u>9-19-</u> ordance with the require g this certificate neither the erning the examinations neither the Inspector no	the components ninations and tal ments of the AS the Inspector nor and corrective r r his employer sl ind arising from Commissions_	described in this C and state that to t ken corrective mea ME Code, Section his employer mak neasures describe hall be liable in any or connected with NB7724	wher's Report durin he best of my knowl sures described in t XI. tes any warranty, ex d in this Owner's Re manner for any pe this inspection.	g the period edge and his Owner's pressed or port. rsonal injury $-\mathcal{N}-\mathcal{I}$

h St., Charlotte NC 28201	Sheet 1 of 1
lear Station	
rs	clear Station rs Ferry Road, Huntersville NC 28078 11 and 2 Shared

3. Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> 3a. Work Order # <u>94052720 (Class B)</u> Repair Organization Job # 3b. NSM or MM # N/A

4. Identification of System ND - Residual Heat Removal

1

2.

2a.

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (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	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nan & 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	1MNDVA0008	Walworth	A-0186	N/A	model# D-49488	1973	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F			经上的				C Repaired	□ No □ Yes

Code Cases



7. Descr	iption of Work Repla	ced bolts and nuts		and the second of the second	
8. Test (	Conducted: Hydrostati	c  Pneumatic		Pressure ØOther	Exempt 🗆
	Pressure	psig	Test Temp	°F	
	Pressure	psig	Test Temp	٥F	
	Pressure	psig	Test Temp	°E	
9. Rema	irks				
	(Applicable	Manufacturer's Dat	ta Reports to be atta	ched)	
		CERTIFICATE	OF COMPLIANCE		
We conforms	ertify that the stateme to the rules of the AS	nts made in the rep ME Code, Section >	ort are correct and th	iis <u>repair or replacem</u>	ient
Type Cod	e Symbol Stamp	<u>N/A</u>			
Certificate	of Authorization No.	N/A	Exp	biration Date N/A	
Signed	Allow	FI Grass Ir / Tan	nical Specialist Dat	02/20/ 1045	
ungnoo	Owner o	or Owner's Designee		<u>100</u> , 10 <u>0</u>	
	С	ERTIFICATE OF IN	ISERVICE INSPECT	ION	
Vessel Ins Hartford C belief, the Report in By sig implied, c Furthermo	ersigned, holding a va spectors and the State <u>Connecticut</u> have insp <u>2-99</u> to <u>9-</u> owner has performe accordance with the r pning this certificate n oncerning the examin ore, neither the Inspec- ty damage or a loss of	e or Province of Nor ected the component d examinations and equirements of the either the Inspector nations and corrective ctor nor his employed	th Carolina and emp ints described in this , and state that to taken corrective me ASME Code, Section nor his employer ma re measures describ- or shall be liable in an	loyed by <u>HSBI and I</u> Owner's Report durin the best of my know asures described in the n XI. tkes any warranty, ex ed in this Owner's Re ny manner for any pe	Company of ledge and this Owner's opressed or oport.
A	Differin Ispérior's Signature 7-22, 1995		ns_NB7728		<u>V-I</u> dorsements

1.	Owner Address	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date <u>October 4, 1995</u> Sheet <u>1</u> of <u>1</u>
	Plant Address Unit	McGuire Nuclear Station 12700 Hagers Ferry Road, Huntersville NC 28078 ☑ 1 □2 □ 1 and 2 Shared		
3.	Address	formed By <u>Duke Power Company</u> <u>422 S. Church St., Charlotte NC 28201</u> te Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.	Work Order # <u>94061497 (Class B)</u> Repair Organization Job # NSM or MM # <u>N/A</u>

Code Cases

4 Identification of System NV - Chemical & Volume Control

(a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (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 8 Column 7 Column 5 Col 6 Column 3 Col. 4 Column 2 Column 1 ASME Code Repaired, National Other Identification Year Manufacturer Serial Name of Component Name of Manufacturer Replaced, or Stamped Built Board Number Replacement (yes or no) Number □ Repaired D No A 1976 1 Yes Replacement item# 09G-001 SVE1-2 11146 Kerotest 1MNVVA0265B □ Replaced C Repaired O No B Replacement Yes □ Replaced C Repaired O No C □ Yes C Replacement C Replaced C Repaired O No D □ Yes Replacement □ Replaced O No C Repaired E C Replacement 1 Yes Replaced D No □ Repaired F T Yes C Replacement C Replaced

7.	Description	n of Work_Repla	aced disc			
8.	Test Cond	ucted: Hydrosta	tic DPneumatic D	Nominal Operating	Pressure ØOther Cl	
		Pressure	psig	Test Temp.		Exempt
		Pressure	psig	Test Temp.		
		Pressure	psig	Test Temp.	<u></u> ∘F	
			poly	rest remp	<u> </u>	
9.	Remarks .					
	bit 1945					
		(Applicable	e Manufacturer's Da	ta Reports to be atta	iched)	
			CERTIFICATE	OF COMPLIANCE	and a second	
	No or dife.					1
conf	orms to the	that the stateme	nts made in the rep	ort are correct and th	nis repair or replacem	ent
oom	onno to the	e fules of the AS	ME Code, Section >	<b>a</b> .		
Туре	Code Syr	nbol Stamp	N/A			
Certi	ficate of A	with a simplify a set				
Certa	incate of A	uthorization No.	<u>N/A</u>	Exp	piration Date N/A	
Sign	ed The	Fires C	FI Grees In / Took		. 11	
	- the state		or Owner's Designee	Title	e <u>10/4/</u> , 19 <u>75</u>	
		The second s	ethici o besignes	, 1100		
		C	ERTIFICATE OF IN	SERVICE INSPECT	101	
						1.111.111.11
l, the	undersign	ed, holding a va	lid commission issu	ed by the National R	oard of Boiler and Pr	
Hartf	ord Conne					
belie	f, the Own	er has performed	d examinations and	taken corrective me	asures described in th	edge and
-	y signing i	ina centicate ne	HINAL THA INCRAMAN	any his semilarup -	Date and the second s	annear and an
						non.
or pro	operty dam	age or a loss of	any kind arising from	n or connected with	this inspection	sonal injury
	an	to.				
	Inspect	Relan	Commission	SNS/DS,	NC853.A-,	N-Z
	mapecti	or's Signature		National Board, Sta	te,Province and End	orsements
Date	10-	5 ,19 95				
	COLUMN TO LOUGH TO STATE	,10				

1.	Owner Address	Duke Power Company 422 S. Church St., Charlotte NC 28201		1a. Date <u>October 4, 1995</u> Sheet <u>1</u> of <u>1</u>
	Plant Address Unit	McGuire Nuclear Station 12700 Hagers Ferry Road, Huntersville NC 28078 2 1 2 2 1 and 2 Shared		
3.	Address	formed By <u>Duke Power Company</u> <u>422 S. Church St., Charlotte NC 28201</u> the Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.	Work Order # <u>94065591 (Class B)</u> Repair Organization Job # NSM or MM # <u>N/A</u>

Code Cases

4. Identification of System NV - Chemical & Volume Control

(a) Applicable Construction Code <u>ASME III 1971</u> Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

	Column 1	Column 2	Column 3	Col. 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	1MNVVA0457A	Fisher	5896366	1867	model# 52A6907	1976	Repaired     Replacement     Replaced	□ No ☑ Yes
в							Repaired     Replacement     Replaced	□ No □ Yes
с							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

<ol><li>Descriptio</li></ol>	on of Work Replaced pl	ug		A REAL PROPERTY AND ADDRESS OF THE OWNER ADDRE	
	ducted: Hydrostatic DPr	neumatic D N		Pressure DOther D	Exempt
	Pressure _	psig	Test Temp.		
	Pressure _	psig	Test Temp.	°F	
	Pressure _	psig	Test Temp.	°E	
. Remarks					
	(Applicable Manu	ufacturer's Data	Reports to be atta	ached)	
	CI	ERTIFICATE O	F COMPLIANCE	NATIONAL CONTINUES, AND UP ON TANK A DESCRIPTION	
	y that the statements ma ne rules of the ASME Co			his <u>repair or replace</u>	ement
ype Code Sy	ymbol Stamp <u>N/A</u>				
Certificate of	Authorization No. N/A		E	piration Date N/A	
10	Fund, FLC	<u>Grass Jr / Techr</u> ner's Designee,	ical Specialist Da		
10	Owner or Own	ner's Designee,	ical Specialist Da	ate <u>19/4/</u> , 19 <u>3</u> 5	
, the undersig	Greed, holding a valid co ctors and the State or Pr necticut have inspected	FICATE OF INS	ERVICE INSPEC	TION Board of Boiler and ployed by <u>HSBI and</u> Owner's Report du	I Company of ring the period
Signed , the undersig Vessel Inspect Hartford Conr 3–30 belief, the Ow Report in acc By signing implied, conc Furthermore,	FLC Owner or Own CERTIF gned, holding a valid co ctors and the State or Pr necticut have inspected year has performed examinations ordance with the require g this certificate neither pering the examinations neither the Inspector no	FICATE OF INS FICATE OF INS mmission issue rovince of North the component -75 minations and the ements of the A the Inspector n s and corrective or his employer	ERVICE INSPEC d by the National Carolina and em s described in this , and state that to aken corrective m SME Code, Section or his employer m measures descrift shall be liable in a	ate <u>10/4/</u> , 19 <u>95</u> <b>TION</b> Board of Boiler and ployed by <u>HSBI and</u> s Owner's Report du to the best of my known to the best of my known to assure described if on XI. makes any warranty, bed in this Owner's any manner for any	I Company of ring the period owledge and n this Owner's expressed or Report.
signed , the undersig Vessel Inspect Hartford Conr 3–30 belief, the Ow Report in acc By signing implied, conc Furthermore,	FLC Owner or Own CERTIF gned, holding a valid co ctors and the State or Pr necticut have inspected year has performed examinations ordance with the require g this certificate neither terning the examinations	FICATE OF INS FICATE OF INS ommission issue rovince of North the component -95 minations and the ements of the A the Inspector n s and corrective or his employer kind arising from	ERVICE INSPEC d by the National Carolina and em s described in this , and state that to aken corrective m SME Code, Section or his employer m measures descrift shall be liable in a n or connected with	ate <u>19</u> <u>4</u> , 19 <u>25</u> <b>TION</b> Board of Boiler and ployed by <u>HSBI and</u> s Owner's Report du to the best of my known to	I I Company of ring the period owledge and n this Owner's expressed or Report. personal injury
Signed I, the undersig Vessel Inspect Hartford Conr S-30 belief, the Ow Report in acc By signing implied, conc Furthermore, or property da	FLC Owner or Own CERTIF gned, holding a valid co ctors and the State or Pr necticut have inspected year has performed examinations ordance with the require g this certificate neither pering the examinations neither the Inspector no	FICATE OF INS FICATE OF INS ommission issue rovince of North the component -95 minations and the ements of the A the Inspector n s and corrective or his employer kind arising from	ERVICE INSPEC d by the National Carolina and em s described in this , and state that to aken corrective m SME Code, Section or his employer m measures descrift shall be liable in a n or connected with s NB 77-28	ate <u>10/4/</u> , 19 <u>95</u> <b>TION</b> Board of Boiler and ployed by <u>HSBI and</u> s Owner's Report du to the best of my known to the best of my known to assure described if on XI. makes any warranty, bed in this Owner's any manner for any	$\frac{11 \text{ Company}}{\text{ring the period}}$ in this Owner's expressed or Report. personal injury $-\lambda - Z$



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

# As Required by the Provisions of the ASME Code Section XI

	사람은 사람이 다 한 것이 있는 것을 잘 잘 하는 것 같아요. 것 같아요. 가지 않는 것 같아요. 것 같아요.		1a. Date October 4, 1995
۱.	Owner         Duke Power Company           Address         422 S. Church St., Charlotte NC 28201		Sheet 1 of 1
2.	Plant McGuire Nuclear Station Address 12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit Ø1 02 01 and 2 Shared		
3.	Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201	За.	Work Order # 94065592 (Class B) Repair Organization Job #
	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3b.	NSM or MM #A
ı.	Identification of System NV - Chemical & Volume Control		Cada Casar
	A standard Code ASME III 1071 Edition Summer and Winter Adden	1a NONE	Code Cases

- (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda
- 6. Identification of Components Repaired or Replaced and Replacement Components

T	Column 1	Column 2	Column 3	Col. 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	1MNVVA0458A	Fisher	5896367	1868	model# 667-DBQ	1976	Repaired     Replacement     Replaced	□ No Ø Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
c							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

	Description	of Work Replaced plu	pi	and the second design of the s	NAMES AND POST OF ADDRESS OF ADDRESS A			
В.	Test Cond	est Conducted: Hydrostatic Pneumatic Nominal Operating Pressure 20ther E						
		Pressure	psig	Test Temp.	٥F			
		Pressure	psig	Test Temp.	٥F			
		Pressure	psig	Test Temp	٥F			
).	Remarks							
		(Applicable Manu	facturer's Data	Reports to be atta	ched)			
		CE		F COMPLIANCE				
cor		that the statements ma e rules of the ASME Co			nis <u>repair or replace</u>	ment		
Ty	pe Code Sy	mbol Stamp <u>N/A</u>						
~	dificate of I	Abarianting Mar. MIA			the line of the second standard in the			
Ce	minicate of A	Authorization No. N/A		Ex	piration Date N/A			
	11	/	sees is (Tech		,			
	ned	/	erass Jr / Tech	nical Specialist Da	,			
	11	mu C. FLG	er's Designee.	nical Specialist Da	,			
	11	Owner or Own	er's Designee.	nical Specialist Da	te <u>10/4/</u> , 19 <u>2</u> 5			
Sig I, t Ve Ha be Re im Fu	he undersig ssel Inspect atford Conn bief, the Ow port in acco By signing plied, conce athermore,	ERTIF Description of the state of Pro- centicut have inspected to	er's Designee, ICATE OF INS mmission issue ovince of <u>Norti</u> the component of <u>Norti</u> the component minations and the ments of the A the Inspector r and corrective r his employer	nical Specialist Da Title SERVICE INSPEC ad by the National R <u>h Carolina</u> and emp ts described in this _, and state that to taken corrective mu SME Code, Section for his employer m a measures describe shall be liable in a	TION Board of Boiler and bloyed by <u>HSBI and</u> Owner's Report dur the best of my know easures described in n XI. akes any warranty, o ed in this Owner's F ny manner for any p	<u>I Company</u> of ing the period wledge and in this Owner's expressed or Report.		
Sig I, t Ve Ha be Re im	he undersig ssel Inspect intford Conn bief, the Ow port in acco By signing plied, conce rthermore, property da	FLG Owner or Own CERTIF ned, holding a valid corr tors and the State or Pro- ecticut have inspected to <u>44</u> to <u>10-4</u> ner has performed exam- ordance with the require this certificate neither ordance with the require this certificate neither of the examinations neither the Inspector no mage or a loss of any k Mem	er's Designee, ICATE OF INS mmission issue ovince of <u>Norti</u> the component of <u>Norti</u> the component minations and the ments of the A the Inspector r and corrective r his employer	nical Specialist Da Title DERVICE INSPEC ad by the National I <u>in Carolina</u> and emp ts described in this _, and state that to taken corrective mu SME Code, Section for his employer ma e measures describe shall be liable in a m or connected with SME 770	TION Board of Boiler and bloyed by <u>HSBI and</u> Owner's Report dur the best of my know easures described in n XI. akes any warranty, of ed in this Owner's P ny manner for any p in this inspection. 28, MC 853	<u>I Company</u> of ing the period wiedge and in this Owner's expressed or Report. bersonal injury		
Sig I, t Ve Ha be Re im Fu or	he undersig ssel Inspect intford Conn bief, the Ow port in acco By signing plied, conce rthermore, property da	FLG Owner or Own CERTIF ned, holding a valid corr tors and the State or Pro- ecticut have inspected to 44 to 10-4 ner has performed exam- ordance with the require this certificate neither of this certificate neither there in the inspector no mage or a loss of any k Mem- copr's Signature	er's Designee, ICATE OF INS mmission issue ovince of North the component 95 minations and the ments of the A the Inspector r and corrective r his employer ind arising from	nical Specialist Da Title DERVICE INSPEC ad by the National I <u>in Carolina</u> and emp ts described in this _, and state that to taken corrective mu SME Code, Section for his employer ma e measures describe shall be liable in a m or connected with SME 770	TION Board of Boiler and bloyed by <u>HSBI and</u> Owner's Report dur the best of my know easures described in n XI. akes any warranty, red in this Owner's F ny manner for any p n this inspection.	<u>I Company</u> of ing the period wiedge and in this Owner's expressed or Report. bersonal injury		



1. Owner		Duke Power Company	1a. Date October 4, 1995
	Address	422 S. Church St., Charlotte NC 28201	Sheet <u>1</u> of <u>1</u>
2.	Plant	McGuire Nuclear Station	
	Address	12700 Hagers Ferry Road, Huntersville NC 28078	
2a.	Unit	Ø 1 □2 □ 1 and 2 Shared	
2	Minet Do	formed Bu Duko Bower Company	20 Mark Order # 04069752 (Class P)

3. Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201 Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

Work Order # 94068752 (Class B) 3a. Repair Organization Job #

3D. NSM or MM # N/A

Code Cases

4. Identification of System VI - instrument Air

2a. Unit

(a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NONE 5. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda

	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column i	Column 8
	Name of Component	Name of Manufacturer	Manufacture: Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	1MVIVA0124	Kerotest	CK8-25	7903	item# 9G-004	1975	Repaired     Replacement     Replaced	□ No ☑ Yes
В							Repaired     Replacement     Replaced	□ No □ Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

7. Descripti	on of Work Replace	d disc			
	nducted: Hydrostatic	DPneumatic D	Nominal Operating I		Exempt 🗆
	Pressure	psig	Test Temp.	°F	
	Pressure	psig	Test Temp.	°F	
	Pressure	psig	Test Temp.	°F	
9. Remarks	5				
	(Applicable M	Manufacturer's Dat	a Reports to be atta	ched)	
		CERTIFICATE	OF COMPLIANCE	and a characterized of the state of the stat	
	ify that the statement the rules of the ASM			is <u>repair or replacer</u>	<u>ment</u>
Type Code S	Symbol Stamp	N/A			
Certificate o	f Authorization No.	N/A	Exp	biration Date N/A	
Signed	Man J. Owner or	F L Grass Jr / Tec Owner's Designee	<u>hnical Specialist</u> Dat e, Title	e <u>10/4/</u> , 19 <u>95</u>	
	CE	RTIFICATE OF IN	SERVICE INSPEC	TION	
Vessel Insp Hartford Co 9-10- belief, the C	signed, holding a val ectors and the State <u>nnecticut</u> have inspe <u>9</u> to <u>70</u> Dwner has performed ccordance with the re- ing this certificate ne	or Province of No. cted the compone -4 - 95 I examinations and equirements of the ither the Inspector	th Carolina and emp nts described in this , and state that to d taken corrective me ASME Code, Section nor his employer me	Noved by <u>HSBI and</u> Owner's Report dur the best of my know easures described in n XI. akes any warranty, e	I Company of ing the period wledge and this Owner's expressed or
By sign implied, con Furthermore	ncerning the examinate, neither the Inspect damage or a loss of	tor nor his employe	er shall be liable in a	ny manner for any p	personal injury
By sign implied, cor Furthermore or property	e, neither the Inspec damage or a loss of Kcim	tor nor his employe any kind arising fr	er shall be liable in a om or connected with ons NB7732	ny manner for any p in this inspection. 3  NC SS	$\frac{1}{2} - \mathcal{N} - \mathcal{I}$
By sign implied, cor Furthermore or property	e, neither the Inspect	tor nor his employe any kind arising fr	er shall be liable in a om or connected with ons NB7732	ny manner for any p n this inspection.	$\frac{1}{2} - \mathcal{N} - \mathcal{I}$



1.	Owner Address	Duke Power Comp 422 S. Church St.,	any Charlotte NC 28201				1a. Date She	e <u>September 20, 1</u> et <u>1</u> of	the second se
	Plant Address Unit	McGuire Nuclear S 12700 Hagers Ferr ☑ 1 □2 □ i and	y Road, Huntersville NC 28	078					
3.	Address		Power Company Charlotte NC 28201 /A Authorization No. N/A	Expiration Date <u>N/A</u>			k Order I or MM	# <u>94069202 (Class</u> Repair Organiza #_ N/A	Construction and the second of the second
4.			/I - Instrument Air						
5.			Code ASME III 1971 Edition					Co	de Cases
6.			tion XI Utilized for Repairs of Repaired or Replaced and			la			
		Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Nam	e 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	1	MVIVA0149	Kerotest	ADF7-11	6570	m:odel# DP-D-9311X01S-2 item:# 9G-004	1975	Repaired     Replacement     Replaced	□ No ☑ Yes
B								Repaired     Replacement     Replaced	□ No □ Yes
С								Repaired     Replacement     Replaced	□ No □ Yes
D								Repaired     Replacement     Replaced	□ No □ Yes
-								Fred to i i	page as

 Replaced
 No

 Replacement
 Yes

 Replaced
 No

 Replaced
 No

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

 Replaced
 Yes

D

E

F

B		n of Work Replaced o			-
	Test Condi	ucted: Hydrostatic DF	neumatic 🗆	Nominal Operating Pressure ØOther D Exempt	
		Pressure	psig	Test TempF	
		Pressure	psig	Test Temp	
		Pressure	psig	Test Temp	
	Remarks _				
		(Applicable Mar	nufacturer's Da	ta Reports to be attached)	
		(	CERTIFICATE	OF COMPLIANCE	
on	We certify forms to the	that the statements n e rules of the ASME (	nade in the rep Code, Section )	ort are correct and this <u>repair or replacement</u> XI.	
Гур	e Code Syr	mbol Stamp <u>N/A</u>			
		uthorization No. N/A		Expiration Date N/A	
Sigr	ned The		<u>Grass Jr / Tec</u> mer's Designer	hnical Specialist Date <u>9/20/</u> , 19 <u>95</u> e, Title	
		CERT	FICATE OF IN		
Ves Har ( beli Rep imp	sel Inspect tford Conne ef, the Own port in acco By signing lied, conce thermore, n	ors and the State or F <u>ecticut</u> have inspected to <u>9-30</u> her has performed exa rdance with the requir this certificate neither ming the examination heither the Inspector n	Province of Nor d the compone D - 95 aminations and rements of the r the Inspector is and correction for his employed	ued by the National Board of Boiler and Pressure <u>th Carolina</u> and employed by <u>HSBI and I Company</u> nts described in this Owner's Report during the peri- , and state that to the best of my knowledge and taken corrective measures described in this Owner ASME Code, Section XI. nor his employer makes any warranty, expressed of ve measures described in this Owner's Report. er shall be liable in any manner for any personal inju- tion or connected with this inspection.	od r's or
	Rit	lein	Commissio	National Board, State, Province and Endorsemen	t



R REPAIRS OR REPLACEMENTS FORM NIS-2 OWNER'S REPOR As Required by the Provisions of the ASME Code Section XI

1	Owner	Duke Power Company	1a. Date NOV 7th 1994	
		422 S. Church St., Charlotte NC 28201	Sheet 1 of 1	_
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	☑ 1 □2 □ 1 and 2 Shared		
3.	Work Per	formed By Duke Power Company	3a. Work Order # 94071163	
		422 S. Church St., Charlotte NC 28201	Repair Organization Jo	b#

3b. NSM VN # 12401B

Code Cases

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

Identification of System <u>MAIN STEAM (SM) SYSTEM</u>
 (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter Addenda</u>, <u>NONE</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1986</u>, no Addenda

	Column 1	Column 2	Column 3	Col. 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	KEROTEST	TM5-11			1976	Repaired Replacement Replaced	□ No ☑ Yes
В	VALVE	KEROTEST	TEG1-1	20402	1SM95	1977	<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	No P Yes
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired Replacement Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

NOTE: Supplemental cheats 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 old valve body (2") with new Item NO. 9J-520 (MCFI-1SM14)

3. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure DOther Exempt

Pressure	psig	٦
Pressure	psig	1

Test Temp. \_\_\_\_\_°F Test Temp. \_\_\_\_°F

9. Remarks Hydro relief request attached

(Applicable Manufacturer's Data Reports to be attached)

We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>N/A</u> Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u> Signed <u>Ronald D. Talbert/Tech Spec 1</u> <u>Non all D</u> <u>Taibert</u> Date <u>Nov 7th</u> , 1994 <u>Owner or Owner's Designee, Title</u> <u>CERTIFICATE OF INSERVICE INSPECTION</u> I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the perio <u></u>	CERTIFICATE	OF COMPLIANCE
Certificate of Authorization No. <u>N/A</u> Signed <u>Ronald D. Talbert/Tech Spec 1</u> <u>Ronald D. Taibert</u> Date <u>Nov 7th</u> , 1994 Owner or Owner's Designee, Title <u>CERTIFICATE OF INSERVICE INSPECTION</u> I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company of</u> <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the perio <u>9-20-94</u> to <u>1-6-55</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or	We certify that the statements made in the rep conforms to the rules of the ASME Code, Section	port are correct and this <u>repair or replacement</u> XI.
Signed Ronald D. Talbert/Tech Spec 1 Ronald D. Taibert DateNov 7th, 1994 Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the perio 9-20-94 to 1-6-95 , 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	Type Code Symbol Stamp <u>N/A</u>	
Owner or Owner's Designee, Title  CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the perio <u>9-20-94</u> to <u>1-6-95</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner' 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	Certificate of Authorization No. N/A	Expiration Date N/A
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company of</u> <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the perio <u>9-20-94</u> to <u>1-6-95</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or	Signed <u>Ronald D. Talbert/Tech Spec 1 7200</u> Owner or Owner's Designe	
Vessel Inspectors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>Hartford Connecticut</u> have inspected the components described in this Owner's Report during the period <u>9-20-94</u> to <u>1-6-95</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or	CERTIFICATE OF I	NSERVICE INSPECTION
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injur or property damage or a loss of any kind arising from or connected with this inspection.	Vessel Inspectors and the State or Province of <u>No</u> <u>Hartford Connecticut</u> have inspected the component <u>9-20-94</u> to <u>1-6-95</u> belief, the Owner has performed examinations an Report in accordance with the requirements of the By signing this certificate neither the Inspecto implied, concerning the examinations and correct Furthermore, neither the Inspector nor his employ or property damage or a loss of any kind arising f	orth Carolina and employed by <u>HSBI and I Company</u> of ents described in this Owner's Report during the period , and state that to the best of my knowledge and d taken corrective measures described in this Owner's e ASME Code, Section XI. or nor his employer makes any warranty, expressed or ive measures described in this Owner's Report. yer shall be liable in any manner for any personal injury rom or connected with this inspection.



# 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 422 S. Church St., Charlotte NC 28201		1a. Date <u>SEPT. 24, 1994</u> Sheet <u>1</u> of <u>1</u>
2. 2a	Plant       McGuire Nuclear Station         Address       12700 Hagers Ferry Road, Hunterville NC 28078         a. Unit       Image: Description of the second		
3.	Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>	3a. 3b.	Work Order # <u>94071885</u> Repair Organization Job # NSM or MM # <u>N/A</u>
4.	Identification of System <u>SM</u> (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, _ (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda	NO	Code Cases

(b) Applicable Edition of Section XI Offized for Replaced and Replacements 1986, no x
 6. Identification of Components Repaired or Replaced and Replacement Components

T	Column 1	Column 2	Column 3	Col. 4	Column 5	COLA	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER 1-MCR-SM-158	DUKE POWER	N/A	N/A	SNUBBER S/N 15864	N/A	Repaired     Replacement     Replaced	No Ves
В	HANGER 1-MCR-SM-158	DUKE POWER	N/A	N/A	SNUBBER S/N 15684	N/A	Repaired     Replacement     Replaced	No Ves
С							Repaired     Replacement     Replaced	No Yes
D							Repaired     Replacement     Replaced	No Yes
E							Repaired     Replacement     Replaced	a second
F							Repaired     Replacement     Replaced	No Yes

	ion of Work <u>Replaced snubber</u> nducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
	Pressure psig Test Temp °F
	Pressure psig Test Temp. <u>°F</u>
	Pressure psig Test Temp. <u>°F</u>
Remark	s No test required.
. Norman	
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We cert conforms to	ify that the statements made in the report are correct and this <u>repair or replacement</u> the rules of the ASME Code, Section XI.
Type Code	Symbol Stamp <u>N/A</u>
Certificate o	f Authorization No. N/A Expiration Date N/A
Signed	Herblack TECHNICAL SPECIALISTIE Date 1243, 1994
Signed	Owner or Owner's Designee, Title
A desire you do a second a se	
an a	CERTIFICATE OF INSERVICE INSPECTION
	signed, holding a valid commission issued by the National Board of Boiler and Pressure

FORM NIS-2 OWNER'S REF OR REPAIRS OR REPLACEMENTS

# As Required by the Provisions of the ASME Code Section XI

1	Owner         Duke Power Com           Address         422 S. Church St	npany Charlotte NC 28201				1a. Dat She	e 11/7/9	4
2	in o o un o ridorodi	rry Road, Hunterville NC 280	078			CLAS	ss B	
3. 4. 5. 6.	<ul><li>(a) Applicable Construction</li><li>(b) Applicable Edition of Se</li></ul>	<u>CF</u> Code <u>ASME III 1971</u> Edition XI Utilized for Repairs	on, Summer and Winte	no Adden	3b. NSN		# 940 8 16 Repair Organiz # NA	and the property of the second design of the second s
-	Column 1	Column 2	Column 3	Col. 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 I-MCA-CF-199 HANGER	Dulle Dowen	NA	WA	SNUBDER SN 20856	NA	Repaired Replacement Replaced	I No □ Yes
В	HANGER I-MCA-CF-199	Duite Powen Duice Powen	NA	NA	5NUBBER 5/2016545	NA	Repaired Replacement Replaced	Ø No □ Yes
С							Repaired     Replacement     Replaced	D No Ves
D							Repaired     Replacement     Replaced	□ No □ Yes
E		•					Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired     Replacement     Replaced	□ No □ Yes

7. Descriptio	n of Work_SNUBBER REPLACED
8. Test Cond	ucted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other E Exempt D
	Pressure psig Test Temp. <u>°F</u> Pressure psig Test Temp. °F
9. Remarks	SNUBBER TESTED PRIOR TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to th	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp N/A
Certificate of A	Authorization No. N/A Expiration Date N/A
Signed R	HE Black, TELHALLA SpecialesT F Date 11/7, 1914
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conn 10-26-9 belief, the Own Report in acco By signing implied, conce Furthermore, i	ned, holding a valid commission issued by the National Board of Boiler and Pressure fors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period <u>4</u>
	Allein Commissions NB7728, NC 853, A-N-Z Adr's Signature National Board, State, Province and Endorsements
Date 3-2	<u>9</u>

FORM NIS-2 OWNER'S REF As Required by the Provisions of the ASME Code Section XI

# 1. Owner <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u>

2. Plant McGuire Nuclear Station Address 12700 Hagers Ferry Road. Hunterville NC 28078

- 2a. Unit I 2 1 and 2 Shared
- Work Performed By <u>Duke Power Company</u> Address <u>422 S. Church St., Charlotte NC 28201</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>

CF 4. Identification of System

- 5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, NO Code Cases
  (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986, no Addenda
- 6. Identification of Components Repaired or Replaced and Replacement Components

	Column 1	Column 2	Column 3	Col. 4	Column 5	Coi 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (yes or no)
A	HANGER 1-MCA-CF-199	DUKE POWER	NA	NA	SNUBBER SIN 20851	NA	Repaired     Replacement     Replaced	Ves
B	HANGER I-MCA-CF-199	DUKE POWER	NA	NA	SNUBBER S/N 15685	NA	Repaired Replacement Replaced	I Yes
C							Repaired Replacement Replaced	□ No □ Yes
D							Repaired Replacement Replaced	□ No □ Yes
E		•						□ No □ Yes
F							C Repaired	□ No □ Yes

1a. Date\_ ///7/94 Sheet of

CLASS B

3a.	Work Order #	94081679
		Repair Organization Job
3b.	NSM or MM #	NA

	n of Work_SNUBBER REPLACED
8. Test Cond	ucted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other D Exempt D
	Pressure <u>psig</u> Test Temp. <u>°F</u>
	Pressure psig Test Temp. °F Pressure psig Test Temp. °F
	Pressurepsig Test Temp°F
9. Remarks	SNUBBER TESTED PRICK TO INSTALLATION
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
We certify conforms to th	that the statements made in the report are correct and this repair or replacement e rules of the ASME Code, Section XI.
Type Code Sy	mbol Stamp <u>N/A</u>
Certificate of A	Authorization No. N/A Expiration Date N/A
Signed 7	My Black, TECHNICAL SPECIALISTIE Date 11/1, 1994 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Vessel Inspect Hartford Conn 10-26 belief, the Own Report in acco By signing implied, conce Furthermore, n or property da	ned, holding a valid commission issued by the National Board of Boiler and Pressure fors and the State or Province of North Carolina and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period $\underline{79}$ to $\underline{329}$ , and state that to the best of my knowledge and her has performed examinations and taken corrective measures described in this Owner's redance with the requirements of the ASME Code, Section XI. It his certificate neither the Inspector nor his employer makes any warranty, expressed or ming the examinations and corrective measures described in this Owner's Report. Theither the Inspector nor his employer shall be liable in any manner for any personal injury mage or a loss of any kind arising from or connected with this inspection. The the function of the transformed examinations and corrective measures described in this Owner's Report. The information of the transformed examination of the transformed
Date 32	9



	Owner	Duke Power Company	1a.	Date 01/11/96
		422 S. Church St., Charlotte NC 28201		Sheet 1 of 1
2.	Plant	McGuire Nuclear Station		
	Address	12700 Hagers Ferry Road, Huntersville NC 28078		
2a.	Unit	X 1 2 1 and 2 Shared		
~	West De	formed Dry Duke Rewar Company	3a Work O	order # 95064865

3. Work Performed By Duke Power Company Address 422 S. Church St., Charlotte NC 28201 Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A

3a.	Work Order # 95064865
	Repair Organization Job
3b.	NSM or MM # MG-12460/00

ND SYSTEM 4. Identification of System

5. (a) Applicable Construction Code ASME III 1971 Edition, Summer and Winter Addenda, N-416-1 Code Cases (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989, no Addenda

	Column 1	Column 2	Column 3	Col. 4	Column 5	Col 6	Column 7	Column 8
	Name of Component EG Bone 1-23-96 Residual	Name of Manufacturer	Manufacturer Serial Number	National Board Number	Other Identification	Year Built	Replaced, or Replacement	ASME Code Stamped (yes or no)
A	REDSIDUAL HEAT REMOVAL YSTEM. System	DUKE POWER	N/A	35	N/A	81	Repaired Replacement Replaced	□ No Ø Yes
B							Repaired     Replacement     Replaced	□ No □ Yes
2							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							Repaired	□ No □ Yes

	Description	of Work CUT OUT AND REWELDED 3" ND PIPING
5.		ucted: Hydrostatic Pneumatic D Nominal Operating Pressure ØOther D Exempt D
		Pressure <u>215 psig</u> Test Temp. <u>143 °F</u>
		Pressurepsig Test Temp°F
		Pressurepsig Test Temp°F
	Remarks	USED CODE CASE N416-1
		(Applicable Manufacturer's Data Reports to be attached)
-		CERTIFICATE OF COMPLIANCE
:0		that the statements made in the report are correct and this <u>repair or replacement</u> e rules of the ASME Code, Section XI.
y	pe Code Sy	mbol Stamp <u>N/A</u>
Ce	ertificate of A	Authorization No. N/A Expiration Date N/A
Si	gned 11.	W. Philem Date /1/, 1956
-	gricoz	Owner or Owner's Designee, Title
		CERTIFICATE OF INSERVICE INSPECTION
	essel Inspect artford Conn /0-23 elief, the Ow eport in acco By signing aplied, conce urthermore,	aned, holding a valid commission issued by the National Board of Boiler and Pressure tors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period <u>75</u> to <u>163.76</u> , and state that to the best of my knowledge and ner has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. This certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury image or a loss of any kind arising from or connected with this inspection.
Ve Ha be Ri	essel Inspect artford Conn / C - 2 3 elief, the Ow eport in acco By signing pplied, conce urthermore, property da	aned, holding a valid commission issued by the National Board of Boiler and Pressure tors and the State or Province of <u>North Carolina</u> and employed by <u>HSBI and I Company</u> of <u>ecticut</u> have inspected the components described in this Owner's Report during the period <u>495</u> to <u>433.46</u> , and state that to the best of my knowledge and ner has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. In this certificate neither the Inspector nor his employer makes any warranty, expressed or eming the examinations and corrective measures described in this Owner's Report. neither the Inspector nor his employer shall be liable in any manner for any personal injury
Ve Ha be Ri Fi	essel Inspect artford Conn / C - 2 3 elief, the Ow eport in acco By signing pplied, conce urthermore, property da	aned, holding a valid commission issued by the National Board of Boiler and Pressure tors and the State or Province of North Carolina and employed by HSBI and I Company of ecticut have inspected the components described in this Owner's Report during the period 75 to $123$ $76$ , and state that to the best of my knowledge and ner has performed examinations and taken corrective measures described in this Owner's ordance with the requirements of the ASME Code, Section XI. In this certificate neither the Inspector nor his employer makes any warranty, expressed or erning the examinations and corrective measures described in this Owner's Report. In this certificate neither the Inspector nor his employer makes any warranty, expressed or erning the examinations and corrective measures described in this Owner's Report. In this of any kind arising from or connected with this inspection. In this of any kind arising from or connected with this inspection.





1.	Owner Duke Power Company			1a. Date	1/22/96
	Address 422 S. Church St., Charlotte NC	28201		Shee	t 1 of 1
2.	Plant McGuire Nuclear Station				
	Address 12700 Hagers Ferry Road, Hun	ersville NC 28078			
2a.	Unit Ø 1 02 0 1 and 2 Shared				
3.	Work Performed By Duke Power Comp	any	3a	a. Work Order #	95095300 (CLASS B)
	Address 422 S. Church St., Charlotte NC				Repair Organization Job #
	Type Code Symbol Stamp N/A Authoriza	tion No. N/A Expiration Date N/A	31	b. NSM or MM #	NA
	Identification of System BW				
5.	(a) Applicable Construction Code ASME	III 1971 Edition, Summer and Winter Adde	enda, NONE		Code Cases

5. (a) Applicable Construction Code <u>ASME III</u> 1971 Edition, <u>Summer and Winter</u> Addenda, <u>NONE</u>
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, no Addenda

	Column 1	Column 2	Column 3	Col. 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	1-MCA-BW-H087	DUKE POWER	NA	NA	SNUBBER S/N 21387	NA	<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	O No Ves
В	1-MCA-BW-H087	DUKE POWER	NA	NA	SNUBBER S/N 14840	NA	Repaired Replacement Replaced	Ves
С							Repaired     Replacement     Replaced	□ No □ Yes
D							Repaired     Replacement     Replaced	□ No □ Yes
E							Repaired     Replacement     Replaced	□ No □ Yes
F							<ul> <li>Repaired</li> <li>Replacement</li> <li>Replaced</li> </ul>	□ No □ Yes

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

7. Description of Work Replaced Snubber with identical type snubber

	Pressurepsig Test Temp°F
	Pressure psig Test Temp. <u>°F</u> Pressure psig Test Temp. <u>°F</u>
Remarks	None
	(Applicable Manufacturer's Data Reports to be attached)
	CERTIFICATE OF COMPLIANCE
	fy that the statements made in the report are correct and this <u>repair or replacement</u> conforms of the ASME Code, Section XI.
ype Code S	Symbol Stamp <u>N/A</u>
ertificate of	Authorization No. N/A Black, Technical Specialist II He-Black Date 1/22, 1996
igned <u>H.E.</u>	Black, Technical Specialist II 49-2000 Date 1/22, 1976 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	igned, holding a valid commission issued by the National Board of Boiler and Pressure Vess