

JAMES R. MORRIS Vice President

Catawba Nuclear Station 4800 Concord Rd. / CN01VP York, SC 29745-9635

803 831 4251 803 831 3221 fax

March 28, 2007

U.S. Nuclear Regulatory Commission Attention: Document Control Desk

Washington, D.C. 20555

Subject: Duke Power Company LLC d/b/a Duke Energy

Carolinas, LLC

Catawba Nuclear Station, Unit 1

Docket Number 50-413

Inservice Inspection Report for End of

Cycle 16 Refueling Outage

Please find attached the subject report which provides the results of the inservice inspection effort associated with the subject outage.

There are no regulatory commitments contained in this letter or its attachment.

If you have any questions concerning this material, please call L.J. Rudy at (803) 831-3084.

Very truly yours,

James R. Morris

LJR/s

Attachment

A047

Document Control Desk Page 2 March 28, 2007

xc (with attachment):

W.D. Travers, Regional Administrator U.S. Nuclear Regulatory Commission, Region II Atlanta Federal Center 61 Forsyth St., SW, Suite 23T85 Atlanta, GA 30303

A.T. Sabisch, Senior Resident Inspector U.S. Nuclear Regulatory Commission Catawba Nuclear Station

J.F. Stang, Jr., Senior Project Manager (addressee only) U.S. Nuclear Regulatory Commission Mail Stop 8 H4A Washington, D.C. 20555-0001

Attachment 1

Inservice Inspection Report Catawba Unit 1 2006 Refueling Outage EOC16 (Outage 1) Third Inservice Inspection Interval

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

As required by the Provisions of the ASME Code Rules

		h Street, Charlotte, NC and Address of Owner)	<u> 28201-1006</u>	
2. Plant: <u>C</u> a	tawba Nuclear Static	on, 4800 Concord Road (Name and Address		
3. Plant Unit:	<u>1</u> 4. Owner	Certificate of Authoriza	ation (if required)	<u>N/A</u>
5. Commercia	l Service Date: <u>6/29/</u>	<u>85</u> 6. Nation	al Board Number for	Unit <u>130</u>
7. Component	s Inspected:		•	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Manufacturer	Manufacturer	State or	National
·-	Installer	Installer Serial No.	Province No.	Board No.
Appurtenance		No.	Province No.	Board No.
Component or Appurtenance Section 1	Installer 	No.	Province No.	Board No.
Appurtenance	Installer ———————————————————————————————————	No.	Province No.	Board No.
Appurtenance	Installer 	No.	Province No.	Board No.
Appurtenance	Installer ———————————————————————————————————	No.		Board No.
Appurtenance	Installer ———————————————————————————————————	No.		Board No.
Appurtenance	Installer ———————————————————————————————————	No.		Board No.

## FORM NIS-1 (Back)

8. Examination Dates	June 6, 2005	to December 30, 2006	
9. Inspection Period Ide	entification:	First Period	
10. Inspection Interval Id	lentification:	Third Interval	
11. Applicable Edition of	f Section XI	1998 Addenda 2000	
12. Date/Revision of Insp	pection Plan:	June 9, 2005 / Revision 0	
13. Abstract of Examination work required for the In		e a list of examinations and tests and a statement concerning status of e Sections 2.0, 3.0 and 6.0	
14. Abstract of Results of E	Examination and Test	sts. See Sections 4.0 and 6.0	
15. Abstract of Corrective N	Measures. See	e Subsection 4.3	
		s report are correct b) the examinations and tests meet the Inspection I, and c) corrective measures taken conform to the rules of the ASME	
Certificate of Authorization	No. (if applicable)	N/A Expiration Date N/A	
Date	Ç	Duke Power Company  LLC d/b/a Duke Energy  Carolinas, LLC  LLC  LLC  LLC  LLC  LLC  LLC  LLC	
	*	Owner	
1 /	CERTIFICAT	TE OF INSERVICE INSPECTION	
and the State of Province of described in this Owners' Reknowledge and belief, the O'Owners' Report in accordance By signing this certificate concerning the examinations	eport during the period where has performed acceptance with the Inspection eneither the Inspections, test, and corrective whall be liable in any ed with this inspection	ssued by the National Board of Boiler and Pressure Vessel Inspectors in ployed by * HSB Global Standards have inspected the components it is a sexual state that to the best of my examinations and tests and taken corrective measures described in the on Plan and as required by the ASME Code, Section XI. or nor his employer makes any warranty, expressed or implied, as measures described in this Owners' Report. Furthermore, neither the manner for any personal injury or property damage or a loss of any item.	;
and the State of Province of described in this Owners' Reknowledge and belief, the Owners' Report in accordance By signing this certificate concerning the examinations Inspector nor his employer s	eport during the period where has performed acceptance with the Inspection eneither the Inspections, test, and corrective whall be liable in any ed with this inspection	reasonable of the National Board of Boiler and Pressure Vessel Inspectors in ployed by * HSB Global Standards have inspected the components in the sexual standards of the components of the sexual standards in the sexual standards and taken corrective measures described in the sexual standards	;
and the State of Province of described in this Owners' Re knowledge and belief, the O Owners' Report in accordance By signing this certificate concerning the examinations Inspector nor his employer's kind arising from or connect	eport during the period where has performed acceptable the Inspection of the Inspect	ssued by the National Board of Boiler and Pressure Vessel Inspectors in ployed by * HSB Global Standards have inspected the components it is a sexual state that to the best of my examinations and tests and taken corrective measures described in the on Plan and as required by the ASME Code, Section XI. or nor his employer makes any warranty, expressed or implied, as measures described in this Owners' Report. Furthermore, neither the manner for any personal injury or property damage or a loss of any item.	;

## INSERVICE INSPECTION REPORT CATAWBA - UNIT 1 2006 REFUELING OUTAGE

EOC16 (OUTAGE 1)

Location: 4800 Concord Road, York, South Carolina 29745

NRC Docket No. 50-413

National Board No. 130

Commercial Service Date: June 29, 1985

Document Completion Date: MARCH 27, 2007

Owner: Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC 526 South Church Street Charlotte, NC 28201-1006

Revision 0

Prepared By:

Reviewed By:

Approved By:

Date

Date

## **DISTRIBUTION LIST**

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  (QATS) (Original)
- 2) NRC Document Control

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#### 1.0 General Information

This report describes the Inservice Inspection of Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC, Catawba Nuclear Station Unit 1 during the 2006 Refueling Outage, also referred to as EOC 16 (Outage 1), which is the first outage in the First Inspection Period of the Third Ten Year Interval.

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

### 1.1 Identification Numbers

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Westinghouse	30743	N/A	N/A
Pressurizer	Westinghouse	DCPT-1911	N/A	W18589
Steam Generator 1A	Babcock and Wilcox, Inc.	770101	N/A	151
Steam Generator 1B	Babcock and Wilcox, Inc.	769304	N/A	150
Steam Generator 1C	Babcock and Wilcox, Inc.	769302	N/A	147
Steam Generator 1D	Babcock and Wilcox, Inc.	769303	N/A	149
Reactor Coolant Pump 1A	lonics, Inc.	1S-86P764	N/A	584
Reactor Coolant Pump 1B	Ionics, Inc.	2S-86P764	N/A	585
Reactor Coolant Pump 1C	lonics, Inc.	3S-86P764	N/A	330
Reactor Coolant Pump 1D	lonics, Inc.	4S-86P764	N/A	331

Identification Numbers (Continued)

Identification Numb	<u>ers</u> (Continued	)		
	Manufacturer	Manufacturer	State or	National
Item	or Installer	or Installer	Province	Board
·		Serial No.	No.	No.
Reactor Coolant	Duke Power Co.	C-1NC	N/A	126
System				
Safety Injection	Duke Power Co.	C-1NI	N/A	128
System		,		
Chemical and	Duke Power Co.	C-1NV	N/A	127
Volume Control				·
System				
Auxiliary	Duke Power Co.	C-1CA	N/A	121
Feedwater System				
Feedwater	Duke Power Co.	C-1CF	N/A	120
System				
Refueling Water	Duke Power Co.	C-1FW	N/A	91
System				
Main Steam	Duke Power Co.	C-1SA	N/A	114
Supply to Auxiliary				
Equipment System		•		1
Main Steam	Duke Power Co.	C-1SM	N/A	122
System			777	
Main Steam Vent	Duke Power Co.	C -1SV	N/A	96
to Atmosphere				
System				
Containment Spray	Duke Power Co.	C-1NS	N/A	118
System				
Steam Generator	Duke Power C0.	C-1BB	N/A	111
Blowdown System				
Steam Generator	Duke Power Co.	C-1BW	N/A	104
Wet Lay Up Re-	·			
circulation System				
Diesel Generator	Duke Power Co.	C-1FD	N/A	100
Fuel Oil System				
Component	Duke Power Co.	C-1KC	N/A	129
Cooling System				
Residual Heat	Duke Power Co.	C-1ND	N/A	115
Removal System				
Turbine Exhaust	Duke Power Co.	C-1TE	N/A	113
System				

## <u>Identification Numbers</u> (Continued)

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Diesel Generator Starting Air System	Duke Power Co.	C-1VN	N/A	98
Diesel Generator Cooling Water System	Duke Power Co.	C-1KD	N/A	99
Spent Fuel Cooling System	Duke Power Co.	C-1KF	N/A	103
Diesel Generator Lube Oil System	Duke Power Co.	C-1LD	N/A	105
Nuclear Sampling System	Duke Power Co.	C-1NM	N/A	124
Containment Penetration Valve Injection Water System	Duke Power Co.	C-1NW	N/A	125
Nuclear Service Water System	Duke Power Co.	C-1RN	N/A	117
Diesel Generator Starting Air System	Duke Power Co.	C-1VG	N/A	95
Liquid Waste Recycle System	Duke Power Co.	C-1WL	N/A	119
Control Area Chil- led Water System	Duke Power Co.	C-1YC	N/A	106
Seal Water Injection Filter	Pall Trinity Micro Corporation	1A 29652 1B 29653	N/A N/A	15626 15627
Volume Control Tank	Lamco Industries Inc.	452	N/A	183
Seal Water Heat Exchanger	Atlas Industrial Manufacturing Company	3620	N/A	2976
Regenerative Heat Exchanger	Joseph Oat Corporation	2255-1A1	N/A	869
Residual Heat Removal Heat Exchanger	Joseph Oat Corporation	1A 2267-3A 1B 2267-3B	N/A N/A	846 847
Containment Spray Heat Exchanger	Joseph Oat Corporation	1A 2636C 1B 2620	N/A N/A	3456 3430

### Identification Numbers (Continued)

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Excess Letdown Heat Exchanger	Atlas Industrial Manufacturing Company	3196	N/A	2574
Residual Heat	Ingersol - Rand	1A 077645	N/A	231
Removal Pump		1B 077646	N/A	232
Containment Spray	Bingham -	1A 230340	N/A	213
Pump	Willamette	1B 230341	N/A	214
Safety Injection	Pacific Pumps	1A 49359	N/A	232
Pump		1B 49360	N/A	233
Centrifugal	Pacific Pumps	1A 49778	N/A	256
Charging Pump		1B 49779	N/A	259
Seal Water Return Filter	Pall Trinity Micro Corporation	29006	N/A	15098

#### 1.2 Personnel, Equipment and Material Certifications

All personnel who performed or evaluated the results of inservice inspections during the time frame bracketed by the examination dates shown on the NIS-1 Form were certified in accordance with the requirements of the 1998 Edition of ASME Section XI Through the 2000 Addenda including Appendix VII for ultrasonic inspections. In addition, ultrasonic examiners were qualified in accordance with ASME Section XI, Appendix VIII, and 1998 Edition Through the 2000 Addenda through the Performance Demonstration Initiative (PDI).

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

The copies of the certification records for Washington Group and Atlantic Group inspectors can be obtained by contacting the Duke Energy Corporate Office in Charlotte, North Carolina.

#### 1.3 Reference Documents

The following reference documents apply to the inservice inspections performed during this report period. A copy may be obtained by contacting the ISI Plan Manager at Duke Energy's Corporate Office in Charlotte, North Carolina.

Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC, Catawba Nuclear Station, Unit 1 Docket Number 50-413, Request for Relief Serial Number, Limited Weld Coverage during End-of-Cycle 16 Refueling Outage. (To be filed later)

## 1.4 **Augmented and Elective Examinations**

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

## 1.5 Responsible Inspection Agency

HSB Global Standards are responsible for the third party inspections required by ASME Section XI.

## Authorized Nuclear Inservice Inspector(s)

Name:

R. N. McGill / R. Senn

Employer:

**HSB Global Standards** 

Business

200 Ashford Center North

Address:

Suite 205

Atlanta, GA 30338-4860

(800) 417-3721 www.hsbct.com

## 2.0 Third Ten Year Interval Inspection Status

The completion status of inspections required by the 1998 ASME Code Section XI, 2000 Addenda, is summarized in this section. The requirements are listed by the ASME Section XI Examination Category as defined in Table IWB-2500-1 for Class 1 Inspections, Table IWC-2500-1 for Class 2 Inspections, and IWF-2500-1 for Class 1 and 2 Component Supports. Augmented and Elective Inspections are also included.

**Class 1 Inspections** 

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	Deferral Allowed ¹
B-A	Pressure Retaining Welds in Reactor Vessel	15	1.5	10%	Yes
В-В	Pressure Retaining Welds in Vessels Other than Reactor Vessels	5	0	0%	No
B-D	Full Penetration Welds of Nozzles in Vessels	36	0	0%	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	Ref	erence Section 6	i.0 Of This Repo	rt
B-F	Pressure Retaining Dissimilar Metal Welds	20	4	20%	No
B-G-1	Pressure Retaining Bolting Greater than 2 Inch Diameter	233	54	23.18%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	20	7	35%	No
B-J	Pressure Retaining Welds in Piping	230	60	26.09%	No

#### Class 1 Inspections (Continued)

Examination Category	Description	Inspections Required	Inspections Completed	Percentage Completed	¹ Deferral Allowed
В-К	Integral Attachments for Piping, Pumps and Valves	5	0	0%	No
B-L-1	Pressure Retaining Welds in Pump Casings	None	N/A	N/A	N/A
B-L-2	Pump Casings	1	0	0%	Yes
B-M-1	Pressure Retaining Welds in Valve Bodies	1	0	0%	Yes
B-M-2	Valve Bodies	7	5	71.43%	Yes
B-N-1	Interior of Reactor Vessel	3	0	0%	No
B-N-2	Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels	2	0	0%	Yes
B-N-3	Removable Core Support Structures	1	0	0%	Yes
B-0	Pressure Retaining Welds in Control Rod Housings	3	0	0%	Yes
B-P	All Pressure Retaining Components	REFER	ENCE SECTION 6	0.0 OF THIS REF	PORT
B-Q	Steam Generator Tubing	See Note 2 below			
F-A	Class 1 Component Supports	74	13	17.57%	No

#### Notes:

- 1. Deferral of inspection to the end of the interval, as allowed by ASME Section XI Table IWB-2500-1. These examination categories are exempt from percentage requirements per IWB-2412 (a), Inspection Program B.
- 2. Steam Generator Tubing is examined and documented by the Steam Generator Maintenance Group of the Nuclear Services Division as required by the Station Technical Specifications and is not included in this report.

## Class 2 Inspection

Examination	Description	Inspections	Inspections	Percentage
Category	Besonption	Required	Completed	Completed
C-A	Pressure Retaining Welds in Pressure Vessels	29	4	13.79%
С-В	Pressure Retaining Nozzle Welds in Vessels	13	5	: 38.46%
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	30	8	26.67%
C-D	Pressure Retaining Bolting Greater than 2 in. In Diameter	N/A	N/A	N/A
C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	256	42	16.41%
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	91	. 18	19.78%
C-G	Pressure Retaining Welds in Pumps and Valves	22	4	18.18%
C-H	All Pressure Retaining Components	REFERENCE	SECTION 6.0 O	F THIS REPORT
F-A	Class 2 Component Supports	282	55	19.50%

## **Augmented/Elective Inspections**

Description	Percentage Complete
Postulated Pipe Failure – Main Steam System	100% of requirements for Outage 1/EOC16
Reactor Pressure Vessel Head Penetration Nozzles (Nozzle Base Material) UT-NRC Order EA-03-009	100% of requirements for Outage 1/EOC16, as modified by Request for Relief 06-CN-004.
Reactor Pressure Vessel Head Surface – Bare Metal Visual – NRC Order EA-03-009	100% of requirements for Outage 1/EOC16
Reactor Pressure Vessel Head Vent Line Nozzle to Head Weld - UT - NRC Order EA-03-009	100% of requirements for Outage 1/EOC16
Reactor Pressure Vessel Head Vent Line Nozzle – PT NRC Order EA-03-009	100% of requirements for Outage 1/EOC16
Reactor Pressure Vessel Head Vent Line Nozzle to Head Weld – Bare Metal Visual – NRC Order EA-03- 009	100% of requirements for Outage 1/EOC16
Pressurizer Manway Diaphram Seal Weld – Bare Metal Visual NRC Order EA-03-009	100% of requirements for Outage 1/EOC16
Reactor Pressure Vessel Head Vent Nozzle and Vent Line – Bare Metal Visual – MRP-139	100% of requirements for Outage 1/EOC16

### 3.0 Final Inservice Inspection Plan

The final Inservice Inspection Plan shown in this section lists all ASME Section XI Class 1, ASME Section XI Class 2, and Augmented inspections credited for this report.

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

Item Number = ASME Section XI Tables IWB-2500-1

(Class 1), IWC-2500-1 (Class 2), IWF-2500-1 (Class 1 and Class 2), and Augmented

Requirements

ID Number = Unique Identification Number

ISO / Dwg Numbers = Location and/or Detail Drawings

Proc = Examination Procedures

Insp Req = Examination Technique - Magnetic Particle,

Dye Penetrant, etc.

Material / Sch = General Description of Material

Dia / Thk = Diameter / Thickness

Cal Blocks = Calibration Block Number

Comments = General and/or Detail Description

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

## DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

**Reactor Vessel** 

Head-to-Flange Weld

Inservice Inspection Database Management System

Catawba 1

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Outage 1	
	Outage 1

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ I	MAT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
	PV-W07		CNM 1201.01-51	NDE-650	UT	CS	0.000	CB-08-99	Nozzle Belt Ring Pc.06 to Vessel Flange Pc.07. UT
Circu	ımferential	NC	CNM 1201.01-63				10.900		From Flange Surface.
Class A					Nozzle Belt	t to			
					Flange				
Total B01.030 Ite	ms: 1								

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

#### DUKE ENERGY CORPORATION **INSERVICE INSPECTION PLAN MANAGEMENT**

Inservice Inspection Database Management System

**Reactor Vessel** Repair Welds

Catawba 1

Plan Report Page 2 03/19/2007

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT/SO	CH DIA/THK CAL BLOCKS	S COMMENTS
B01.040.001A 1RI	PV-W08		CNM 1201.01-51	NDE-25	MT CS	0.000	Upper Head Ring Pc.09 to Upper Head Flange
Circu	ımferential	NC.				6.900	Pc.08.
Class A					Head Ring to Flange		
Total B01.040 Ite	ems: 1						·
Total B01 Items:	2					•	

Total B05 Items:

8

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

#### **DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT**

Metal Welds In Vessel Nozzles

Inservice Inspection Database Management System

Catawba 1

Reactor Vessel Inservice Inspection Plan for Interval 3 Outage 1 Plan Report Page 3 03/19/2007

								•	
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAI	L BLOCKS	COMMENTS
**** Less Ti	han NPS 4; Nozzle-to-Saf	e End	Butt Welds ****						
B05.010.009	1RPV-W51-01-SE Circumferential	NC	CNM 1201.01-52/7 CNM-1201.01-51	PDI-UT-10	UT	CS-Inconel	6.500 0.750	50374	RV Closure Head Pc.10 to UHI Tube Pc.90 at 0 Degrees.
Class A	Dissimilar				Nozzle to Safe End				
B05.010.009A	1RPV-W51-01-SE Circumferential	NC ·	CNM 1201.01-52/7 CNM-1201.01-51	NDE-35	PT	CS-Inconel	6.500 0.750		RV Closure Head Pc.10 to UHI Tube Pc.90 at 0 Degrees.
Class A	Dissimilar				Nozzle to Safe End				
B05.010.010	1RPV-W51-02-SE Circumferential	NC	CNM 1201.01-52/7 CNM-1201.01-51	PDI-UT-10	UT	CS-Inconel	6.500 0.750	50374	RV Closure Head Pc.10 to UHI Tube Pc.90 at 90 Degrees.
Class A	Dissimilar				Nozzle to Safe End				
B05.010.010A	1RPV-W51-02-SE Circumferential	NC	CNM 1201.01-52/7 CNM-1201.01-51	NDE-35	PT	CS-Inconel	6.500 0.750	A 100 C 100	RV Closure Head Pc.10 to UHI Tube Pc.90 at 90 Degrees.
Class A	Dissimilar				Nozzle to Safe End				
B05.010.011	1RPV-W51-03-SE Circumferential	NC	CNM 1201.01-52/7 CNM-1201.01-51	PDI-UT-10	UT	CS-Inconel	6.500 0.750	50374	RV Closure Head Pc.10 to UHI Tube Pc.90 at 180 Degrees.
Class A	Dissimilar			,	Nozzle to Safe End		,		
B05.010.011A	1RPV-W51-03-SE Circumferential	NC	CNM 1201.01-52/7 CNM-1201.01-51	NDE-35	PT .	CS-Inconel	6.500 0.750		RV Closure Head Pc.10 to UHI Tube Pc.90 at 180 Degrees.
Class A	Dissimilar				Nozzle to Safe End				
B05.010.012	1RPV-W51-04-SE Circumferential	NC	CNM 1201.01-52/7 CNM-1201.01-51	PDI-UT-10	UT	CS-Inconel	6.500 0.750	50374	RV Closure Head Pc.10 to UHI Tube Pc.90 at 270 Degrees.
Class A	Dissimilar				Nozzie to Safe End				
B05.010.012A	1RPV-W51-04-SE Circumferential	NC	CNM 1201.01-52/7 CNM-1201.01-51	NDE-35	PT	CS-Inconel	6.500 0.750		RV Closure Head Pc.10 to UHI Tube Pc.90 at 270 Degrees.
Class A	Dissimilar				Nozzle to Safe End				
Total B05.0	110 Items: 8								

## **CATEGORY B-G-1, Pressure Retaining Bolting,**

## **DUKE ENERGY CORPORATION** INSERVICE INSPECTION PLAN MANAGEMENT

Greater Than 2 in. In Diameter

Inservice Inspection Database Management System

Catawba 1 Reactor Vessel Inservice Inspection Plan for Interval 3 Outage 1 Plan Report Page 4 03/19/2007

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REC	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS
**** Closure W	/ashers, Bushings ****								
306.040.001 1	RPV-THREAD-01		CNM 1201.01-32 CNM 1201.01-63	NDE-640	UT	CS	7.000 12.000	40387	Threads in Reactor Vessel Flange.
Class A									
306.040.002 1	RPV-THREAD-02		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
Class A		NC	CNM 1201.01-63				12.000		
306.040.003 1	RPV-THREAD-03		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
Class A	÷	NC	CNM 1201.01-63				12.000		
306.040.004 1	RPV-THREAD-04		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
Class A		NC	CNM 1201.01-63				12.000		
06.040.005 1	RPV-THREAD-05		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
Class A		NC	CNM 1201.01-63				12.000		
06.040.006 1	RPV-THREAD-06		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
Class A		NC	CNM 1201.01-63				12.000		
306.040.007 1	RPV-THREAD-07		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
Class A		NC	CNM 1201.01-63				12.000		
306.040.008 1	IRPV-THREAD-08		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
Class A		NC	CNM 1201.01-63				12.000		

CATEGORY B-G-1, Pressure Retaining Bolting, Greater Than 2 in. In Diameter

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

.

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Reactor Vessel	Catawba 1
	Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REC	MAT/SCH	DIA/THK CA	L BLOCKS	COMMENTS
	1RPV-THREAD-09	·	CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
	•	NC	CNM 1201.01-63				12.000		
Class A									
B06.040.010	1RPV-THREAD-10		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
	•	NC	CNM 1201.01-63				12.000		3
Class A									•
B06.040.011	1RPV-THREAD-11	·	CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
			CNM 1201.01-63		σ,		12.000		,
Class A	•								
B06.040.012	1RPV-THREAD-12		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
		NC	CNM 1201.01-63			•	12.000		Ç
Class A									
B06.040.013	1RPV-THREAD-13		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
	•	NC	CNM 1201.01-63				12.000	,	
Class A	•								
B06.040.014	1RPV-THREAD-14		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
		NC	CNM 1201.01-63				12.000		
Class A									
B06.040.015	1RPV-THREAD-15	19990-11900-11-1-A-A-yak 8-1-88-1-88-1-88-1-88-1-88-1-88-1-88-1	CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
		NC	CNM 1201.01-63				12.000		
Class A									•
B06.040.016	1RPV-THREAD-16		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
	,	NC	CNM 1201.01-63				12.000		
Class A									
B06.040.017	1RPV-THREAD-17	- A research to the second of the Affinial research	CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
		NC	CNM 1201.01-63				12.000		
Class A									

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

## DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Greater Than 2 in. In Diameter

Reactor Vessel

Inservice Inspection Database Management System

Catawba 1

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	· · · · · · · · · · · · · · · · · · ·	Inservice Inspection Plan for Interval 3 Outage 1									
ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT/SO	CH DIA/THK CA	AL BLOCKS	COMMENTS			
B06.040.018	1RPV-THREAD-18		CNM 1201.01-32	NDE-640	UT CS	7.000	40387	Threads in Reactor Vessel Flange.			
		NC	CNM 1201.01-63			12.000					
Class A			•								
B06.040.019	1RPV-THREAD-19		CNM 1201.01-32	NDE-640	UT CS	7.000	40387	Threads in Reactor Vessel Flange.			
		NC	CNM 1201.01-63			12.000					
Class A								·			
B06.040.020	1RPV-THREAD-20	ration on the first own as a section	CNM 1201.01-32	NDE-640	UT CS	7.000	40387	Threads in Reactor Vessel Flange.			
		NC	CNM 1201.01-63			12.000			·		
Class A							,				
B06.040.021	1RPV-THREAD-21		CNM 1201.01-32	NDE-640	UT CS	7.000	40387	Threads in Reactor Vessel Flange.			
		NC	CNM 1201.01-63			12.000					
Class A						,					
B06.040.022	1RPV-THREAD-22		CNM 1201.01-32	NDE-640	UT CS	7.000	40387	Threads in Reactor Vessel Flange.			

D00.040.022	IIII V-IIIIIIILAD-ZZ	NC	CNM 1201.01-63	NDL-040	01	03	12.000	40307	Threads in Headlor Vesser Flange.
Class A		NC	CIVIN 1201.01-03	•			12.000		
B06.040.023	1RPV-THREAD-23		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
•		NC.	CNM 1201.01-63				12.000		
Class A			-						
B06.040.024	1RPV-THREAD-24		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
		NC	CNM 1201.01-63				12.000		
Class A					·				
B06.040.025	1RPV-THREAD-25		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
		NC	CNM 1201.01-63				12.000		
Class A									
B06.040.026	1RPV-THREAD-26		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.
		NC	CNM 1201.01-63				12.000		
Class A									

Class A

## **CATEGORY B-G-1, Pressure Retaining Bolting,**

#### **DUKE ENERGY CORPORATION** INSERVICE INSPECTION PLAN MANAGEMENT

Greater Than 2 in. In Diameter

Inservice Inspection Database Management System

Plan Report

Reactor V	essel	<del>-</del> .	lno	ontino Inom	Catawba		ral 2 Outan	. 1		Page 7 03/19/2007
ITEM NUMBE	R ID NUMBER	eve	INSO/DWG NUMBERS	PROC			<b>/al 3 Outag</b> DIA/THK CA		COMMENTS	00/10/2001
306.040.027	1RPV-THREAD-27		CNM 1201.01-32 CNM 1201.01-63	NDE-640	UT	CS CS	7.000 12.000	40387	Threads in Reactor Vessel Flange.	
Class A		NC	CINIVI 1201.01-63				12.000			
306.040.028	1RPV-THREAD-28	NC	CNM 1201.01-32 CNM 1201.01-63	NDE-640	UT	CS	7.000 12.000	40387	Threads in Reactor Vessel Flange.	
Class A		NC	CINIVI 1201.01-03				12.000			
306.040.029	1RPV-THREAD-29	NC	CNM 1201.01-32 CNM 1201.01-63	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
Class A		INC	CINIVI 1201.01-05				12.000			
306.040.030	1RPV-THREAD-30	NC	CNM 1201.01-32 CNM 1201.01-63	NDE-640	UT	CS	7.000 12.000	40387	Threads in Reactor Vessel Flange.	, he can be a second and a second and a second
Class A		NC	CINIVI 1201,01-63				12.000			
306.040.031	1RPV-THREAD-31	NC	CNM 1201.01-32 CNM 1201.01-63	NDE-640	UT	CS	7.000 12.000	40387	Threads in Reactor Vessel Flange.	
Class A		NO	CINIVI 1201.01-03				12.000			
306.040.032	1RPV-THREAD-32		CNM 1201.01-32	NDE-640	UT	C _S	7.000	40387	Threads in Reactor Vessel Flange.	
Class A		NC	CNM 1201.01-63				12.000			
306.040.033	1RPV-THREAD-33	NO.	CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
Class A		NC	CNM 1201.01-63				12.000			
B06.040.034	1RPV-THREAD-34		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	of to take her own politics and last sense of
Class A		NC	CNM 1201.01-63				12.000			
B06.040.035	1RPV-THREAD-35		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	;
•		NC	CNM 1201.01-63				12.000			

## **CATEGORY B-G-1, Pressure Retaining Bolting,**

## **DUKE ENERGY CORPORATION** INSERVICE INSPECTION PLAN MANAGEMENT

Greater Than 2 in. In Diameter

Inservice Inspection Database Management System

Catawba 1
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Reactor Vesse	<u>: </u>			Catawba	1		
	_	Ins	ervice Insp	ection Plar	n for Inter	val 3 Outa	age 1
EM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK	CAL BLO
C 040 00C 4DD	NATHDEAD SE	CNM 1001 01 00	NDE C40	117	00	7 000	400

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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REC	MAT/SCH	DIA/THK CA	AL BLOCKS	COMMENTS	
306.040.036	1RPV-THREAD-36		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000			•
Class A									•	
06.040.037	1RPV-THREAD-37		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000		·	
Class A										
06.040.038	1RPV-THREAD-38		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000			
Class A										
306.040.039	1RPV-THREAD-39	<u> </u>	CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000		,	
Class A										
306.040.040	1RPV-THREAD-40		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000			
Class A										
306.040.041	1RPV-THREAD-41	a a manage of the second of th	CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000			
Class A										
806.040.042	1RPV-THREAD-42		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000			-
Class A										
306.040.043	1RPV-THREAD-43		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	** 181116.4-***** *** **** **** ****
		NC	CNM 1201.01-63				12.000			•
Class A										
306.040.044	1RPV-THREAD-44		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000			
Class A									·	

Reactor Vessel

Class A

## **CATEGORY B-G-1, Pressure Retaining Bolting,**

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

Greater Than 2 in. In Diameter

Catawba 1

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neactor ve	<del>25561</del>				Outawaa i					03/19/2007
		Inservice Inspection Plan for Interval 3 Outage 1								
ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS	
B06.040.045	1RPV-THREAD-45		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	And the second s
		. NC	CNM 1201.01-63				12.000			
Class A			•							
					MINIA IS NOT THE STANDAR ASSESSMENT AND					
306.040.046	1RPV-THREAD-46		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				12.000			
Class A						,	• •			
306.040.047	1RPV-THREAD-47		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
700.040.047	1111 V-11111LAD-41	NC	CNM 1201.01-63	NDL-040	01	. 00	12.000	40307	Tilleads in reactor vesser range.	
Class A		110	014141 1201.01 00				12.000		•	
306.040.048	1RPV-THREAD-48		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
	,	NC	CNM 1201.01-63				12.000			
Class A					*					
306.040.049	1RPV-THREAD-49		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63		•		12.000			
Class A						,				
B06.040.050	1RPV-THREAD-50	-	CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
300.040.030	1111 V-11111EAD-30	NC	CNM 1201.01-63	NDL 040	01	00	12.000	40007	rifeads in Ficación vesser hange.	
Class A		.,,	51111 125 115 1 55						·	
B06.040.051	1RPV-THREAD-51		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63	•			12.000		· .	
Class A										
						·				
306.040.052	1RPV-THREAD-52		CNM 1201.01-32	NDE-640	UT	CS.	7.000	40387	Threads in Reactor Vessel Flange.	
<b>.</b>		NC	CNM 1201.01-63			•	12.000			
Class A										
306.040.053	1RPV-THREAD-53		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
300.040.000	THE VEHILLAD-50	NC	CNM 1201.01-63	1102 040	0,	00	12.000	-10001	Throads in Floucion vosci Flange.	•
		110	S. 1111 1201.01 00							

## **CATEGORY B-G-1, Pressure Retaining Bolting,**

#### **DUKE ENERGY CORPORATION**

**INSERVICE INSPECTION PLAN MANAGEMENT** 

Greater Than 2 in. In Diameter

Inservice Inspection Database Management System

Reactor Vessel

Catawba 1

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Inservice Inspection Plan for Interval 3 Outage 1

			•	•						
ITEM NUMBER	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CA	AL BLOCKS	COMMENTS	
B06.040.054	1RPV-THREAD-54		CNM 1201.01-32	NDE-640	UT	CS	7.000	40387	Threads in Reactor Vessel Flange.	
		NC	CNM 1201.01-63				1,2.000			
Class A			•						•	

Total B06.040 Items:

54

Total B06 Items:

54

**Pumps** 

**DUKE ENERGY CORPORATION** CATEGORY B-G-2, Pressure Retaining Bolting, 2 INSERVICE INSPECTION PLAN MANAGEMENT in. And Less In Diameter Inservice Inspection Database Management System

Total B07.050 Items:

Total B07 Items:

7

7

Catawba 1

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i unips								
	•		Ins	ervice Insp	ection Plan	for Inter	val 3 Outage 1	03/19/2007
ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
**** Bolts, St	uds, and Nuts ****							
B07.050.001 Class A	1NC224-MJ1	NC	CN-1NC-224 CN-ISIN3-1553-1.1	NDE-62	VT-1	CS	2.000 14.000	Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.
B07.050.002 Class A	1NC227-MJ1	NC	CN-1NC-227 CN-ISIN3-1553-1.1	NDE-62	VT-1	CS	2.000 14.000	Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.
B07.050.003 Class A	1NC258-MJ1	NC	CN-1NC-258 CN-ISIN3-1553-1.1	NDE-62	VT-1	CS	2.000 14.000	Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.
B07.050.050 Class A	1NV483-MJ1	NV	CN-1NV-483 CN-ISIN3-1554-1.5	NDE-62	VT-1	CS	1.000 7.250	Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.
B07.050.051 Class A	1NV483-MJ2	NV	CN-1NV-483 CN-ISIN3-1554-1.5	NDE-62	VT-1	CS	1.000 5.750	Flange Bolting (4 Studs, 8 Nuts). Examine All Bolting Material.
B07.050.052 Class A	1NV487-MJ1	NV	CN-1NV-487 CN-ISIN3-1554-1.5	NDE-62	VT-1	CS	1.000 5.750	Flange Bolting (4 Studs, 8 Nuts). Examine All Bolting Material.
B07.050.053 Class A	1NV488-MJ1	NV	CN-1NV-488 CN-ISIN3-1554-1.5	NDE-62	VT-1	CS	1.000 7.250	Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.

## <u>CATEGORY B-J, Pressure Retaining Welds In Piping</u>

## DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Less Than NPS 4

#### Catawba 1

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ITEM NUMBI	ER ID NUMB	ER SYS	ISO/DWG NUMBERS	PROC	INSP RE	Q MAT/SCH D	IA/THK CA	AL BLOCKS	COMMENTS
B09.011.009 Class A	1RPV-W52-01 Circumferential	NC	CNM 1201.01-52/7 CNM 1201.01-51	PDI-UT-10	UT Upper to Lower A		6.250 0.625	50374	UHI Tube at 0 Degrees. UHI Upper Pc.91 to Lower Adapter Pc.90.
B09.011.009A	1RPV-W52-01 Circumferential Dissimilar	NC	CNM 1201.01-52/7 CNM 1201.01-51	NDE-35	PT Upper to Lower A		6.250 0.625		UHI Tube at 0 Degrees. UHI Upper Pc.91 to Lower Adapter Pc.90.
B09.011.010 Class A	1RPV-W52-02 Circumferential Dissimilar	NC	CNM 1201.01-52/7 CNM 1201.01-51	PDI-UT-10	UT Upper to Lower A		6.250 0.625	50374	UHI Tube at 90 Degrees. UHI Upper Pc.91 to Lower Adapter Pc.90.
B09.011.010A	A 1RPV-W52-02 Circumferential Dissimilar	NC	CNM 1201.01-52/7 CNM 1201.01-51	NDE-35	PT Upper to Lower A		6.250 0.625		UHI Tube at 90 Degrees. UHI Upper Pc.91 to Lower Adapter Pc.90.
B09.011.011 Class A	1RPV-W52-03 Circumferential Dissimilar	NC	CNM 1201.01-52/7 CNM 1201.01-51	PDI-UT-10	UT Upper to Lower A		6.250 0.625	50374	UHI Tube at 180 Degrees. UHI Upper Pc.91 to Lower Adapter Pc.90.
B09.011.011 <i>A</i>	1RPV-W52-03 Circumferential Dissimilar	NC	CNM 1201.01-52/7 CNM 1201.01-51	NDE-35	PT Upper to Lower A		6.250 0.625		UHI Tube at 180 Degrees. UHI Upper Pc.91 to Lower Adapter Pc.90.
B09.011.012 Class A	1RPV-W52-04 Circumferential Dissimilar	NC	CNM 1201.01-52/7 CNM 1201.01-51	PDI-UT-10	UT Upper to Lower A		6.250 0.625	50374	UHI Tube at 270 Degrees. UHI Upper Pc.91 to Lower Adapter Pc.90.
B09.011.012A	A 1RPV-W52-04 Circumferential Dissimilar	NC	CNM 1201.01-52/7 CNM 1201.01-51	NDE-35	PT Upper to Lower A		6.250 0.625		UHI Tube at 270 Degrees. UHI Upper Pc.91 to Lower Adapter Pc.90.

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

**Piping** 

Less Than NPS 4

Catawba 1

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MA	T/SCH	DIA/THK C	CAL BLOCKS	COMMENTS
B09.011.016 Class A	1NC27-2 Circumferential	NC	CN-1NC-27 CN-ISIN3-1553-1.0	NDE-600 PDI-UT-2		SS 140		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
D00 044 0404	411007.0		CN-1NC-27	NDE-35			40.000	***************************************	Campitation proof indica chair be deed.
B09.011.016A	Circumferential	NC	CN-INC-27 CN-ISIN3-1553-1.0	NDE-35		SS 140	12.000 1.125		
Class A	Choumberential		014-131143-1333-1.0		Tee to Elbow	140	1.120		
B09.011.017	1NC27-3		CN-1NC-27	NDE-600	UT	SS	12.000	Component	Procedure NDE-600 uses the component for
	Circumferential	NC	CN-ISIN3-1553-1.0	PDI-UT-2		140	1.125	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A					Tee to Elbow				of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
B09.011.017A	1NC27-3		CN-1NC-27	NDE-35	PT	SS	12.000		
	Circumferential	NC	CN-ISIN3-1553-1.0			140	1.125		
Class A					Tee to Elbow				
B09.011.018	1NC27-5		CN-1NC-27	NDE-600		SS		Component	Procedure NDE-600 uses the component for
Class A	Circumferential	NC	CN-ISIN3-1553-1.0	PDI-UT-2	Elbow to Pipe	140	1.125	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
B09.011.018A	1NC27-5		CN-1NC-27	NDE-35	PT	SS	12.000		
	Circumferential	NC	CN-ISIN3-1553-1.0			140	1.125		
Class A					Elbow to Pipe				
B09.011.019	1NC190-12		CN-1NC-190	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	NC	CN-ISIN3-1553-1.1	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A					Pipe to Elbow				of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
B09.011.019A	1NC190-12		CN-1NC-190	NDE-35	PT	SS	6.000		
	Circumferential	NC	CN-ISIN3-1553-1.1			160	0.719		
Class A					Pipe to Elbow				
B09.011.020	1NC28-11		CN-1NC-28	NDE-600	UT	SS		Component	
	Circumferential	NC	CN-ISIN3-1553-1.0	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A					Elbow to Valve 1NI134				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.

**Piping** 

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

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

Less Than NPS 4

### Catawba 1

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<del></del>				•				•	•
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	IAT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
B09.011.020A	1NC28-11		CN-1NC-28	NDE-35	PT	SS	6.000		
	Circumferential	NC	CN-ISIN3-1553-1.0			160	0.719		
Class A					Elbow to				
					Valve 1NI13	34			
B09.011.030	1NC31-1		CN-1NC-31	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	NC	CN-ISIN3-1553-1.0	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A	•				Valve 1NI16	60 to			of NDE-600. If PDI-UT-2 is used , then the
					Elbow				calibration block listed shall be used.
B09.011.030A	1NC31-1		CN-1NC-31	NDE-35	PT	SS	6.000		
	Circumferential	NC	CN-ISIN3-1553-1.0	•		160	0.719		
Class A	•				Valve 1NI16	60 to			
					Elbow				
B09.011.031	1NC190-9		CN-1NC-190	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	NC	CN-ISIN3-1553-1.1	PDI-UT-2	•	160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A					Elbow to				of NDE-600. If PDI-UT-2 is used , then the
					Pipe				calibration block listed shall be used.
B09.011.031A	1NC190-9		CN-1NC-190	NDE-35	PT	SS	6.000		
	Circumferential	NC	CN-ISIN3-1553-1.1			160	0.719		
Class A					Elbow to	•			
					Pipe				
B09.011.050	1NC190-32		CN-1NC-190	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	NC	CN-ISIN3-1553-1.1	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A					Pipe to				of NDE-600. If PDI-UT-2 is used, then the
					Pipe				calibration block listed shall be used.
B09.011.050A	1NC190-32		CN-1NC-190	NDE-35	PT	SS	6.000		
	Circumferential	NC	CN-ISIN3-1553-1.1			160	0.719		
Class A	•				Pipe to				
					Pipe				
B09.011.101	1ND37-3		CN-1ND-37	NDE-600	υT	SS	12.000	Component	Procedure NDE-600 uses the component for
	Circumferential	ND	CN-ISIN3-1561-1.1	PDI-UT-2		140		PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lie
Class A					Pipe to				of NDE-600. If PDI-UT-2 is used , then the
					Elbow				calibration block listed shall be used.
B09.011.101A	1ND37-3	and the second of backson	CN-1ND-37	NDE-35	PT	SS	12.000		
	Circumferential	ND	CN-ISIN3-1561-1.1		· ·	140	1.125		
Class A		, ,			Elbow to				
					Pipe				

## DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

<u>Piping</u>

Inservice Inspection Database Management System

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ITEM NUMBE	ER ID NUI	MBER SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	/AT/SCH	DIA/THK C	CAL BLOCKS	COMMENTS	
B09.011.102	1ND37-4		CN-1ND-37	NDE-600	,UT	SS		Component	Procedure NDE-600 uses the component for	
Class A	Circumferential	ND	CN-ISIN3-1561-1.1	PDI-UT-2	Elbow to	140	1.125	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the	
			MAN (AMA) - 16 * 7   17   17   18   18   18   18   18		Pipe				calibration block listed shall be used.	
B09.011.102A			CN-1ND-37	NDE-35	PT	SS	12.000			
01 4	Circumferential	ND	CN-ISIN3-1561-1.1		Clhau ta	140	1.125	•		
Class A					Elbow to Pipe					
B09.011.103	1ND37-5		CN-1ND-37	NDE-600	UT	SS	12.000	Component	Procedure NDE-600 uses the component for	
	Circumferential	ND	CN-ISIN3-1561-1.1	PDI-UT-2		140	1.125	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class A					Pipe to				of NDE-600. If PDI-UT-2 is used, then the	
•					Elbow				calibration block listed shall be used.	
B09.011.103A	1ND37-5		CN-1ND-37	NDE-35	PT	SS	12.000		The second secon	
	Circumferential	ND	CN-ISIN3-1561-1.1			140	1.125			
Class A					Pipe to Elbow				•	
B09.011.155	1NI18-2		CN-1NI-18	NDE-600	UT	SS	10.000	Component	Procedure NDE-600 uses the component for	
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2		140	1,000	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in I	
Class A		•			Valve 1NI76	SA to			of NDE-600. If PDI-UT-2 is used, then the	
		•			Pipe				calibration block listed shall be used.	
B09.011.155A	1NI18-2		CN-1NI-18	NDE-35	PT	SS	10.000	1) (-) (-) (-) (-) (-) (-) (-) (-) (-) (-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Circumferential	NI	CN-ISIN3-1562-1.1			140	1.000			
Class A				. •	Valve 1NI76	SA to				
		•			Pipe					
B09.011.159	1NI148-3		CN-1NI-148	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for	
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class A					Pipe to				of NDE-600. If PDI-UT-2 is used , then the	
					Elbow				calibration block listed shall be used.	
B09.011.159A	1NI148-3		CN-1NI-148	NDE-35	PT	SS	6.000			
•	Circumferential	NI	CN-ISIN3-1562-1.1			160	0.719			
Class A					Pipe to Elbow					
B09.011.160	1NI148-4		CN-1NI-148	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for	
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class A					Elbow to Pipe				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.	

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

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MA	AT/SCH	DIA/THK CAL	BLOCKS	COMMENTS
B09.011.160A	1NI148-4		CN-1NI-148	NDE-35	PT	SS	6.000		
Class A	Circumferential	NI	CN-ISIN3-1562-1.1		Elbow to	160	0.719		
					Pipe				
B09.011.161	1NI148-6		CN-1NI-148	NDE-600	UT	SS	6.000 C	omponent	Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2		160	0.719 PI	DI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lie
Class A					Elbow to Pipe				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
B09.011.161A	1NI148-6		CN-1NI-148	NDE-35	PT	SS	6.000	,	
	Circumferential	NI	CN-ISIN3-1562-1.1			160	0.719		
Class A	·				Elbow to				
					Pipe	*** ****			
B09.011.162	1NI148-9		CN-1NI-148	NDE-600	UT	SS			Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2		160	0.719 PI	DI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A					Pipe to		ė.		of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used. Reference
					Tee				Elective Examination Item Number H01.001.001.
B09.011.162A	1NI148-9		CN-1NI-148	NDE-35	PT	SS	6.000	·	
	Circumferential	NI	CN-ISIN3-1562-1.1			160	0.719		
Class A					Pipe to				
					Tee				
B09.011.163	1NI148-10		CN-1NI-148	NDE-600	UT	SS		omponent	
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2	T 1-	140	1.000 PI	DI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in liet of NDE-600. If PDI-UT-2 is used, then the
Class A					Tee to Valve 1NI81				calibration block listed shall be used. Reference
					vaive mior				Elective Examination Item Number H01.001.002.
B09.011.163A	1NI148-10		CN-1NI-148	NDE-35	PT	SS	10.000		
	Circumferential	NI	CN-ISIN3-1562-1.1			140	1.000		
Class A					Tee to				
					Valve 1NI81				
B09.011.164	1NI148-11	-	CN-1NI-148	NDE-600	UT	SS		omponent	Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2	T 1	140	1.000 Pi	DI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in liet of NDE-600. If PDI-UT-2 is used, then the
Class A					Tee to Valve 1NI82				calibration block listed shall be used. Reference
					valve (11182				Elective Examination Item Number H01.001.003.

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

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Inservice	Inspection	Plan for	Interval 3	Outage 1
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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	//AT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
B09.011.164A	1NI148-11		CN-1NI-148	NDE-35	PT	SS	10.000	1. 11 voice	
	Circumferential	NI	CN-ISIN3-1562-1.1			140	1.000		
Class A					Tee to Valve 1NI82	2			
B09.011.165	1NI149-5		CN-1NI-149	NDE-600	UT	SS	10.000	Component	Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2		140	1.000	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in
Class A					Pipe to Elbow			·	lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
B09.011.165A	1NI149-5		CN-1NI-149	NDE-35	PT	SS	10.000	,	
1	Circumferential	NI	CN-ISIN3-1562-1.1			140	1.000		
Class A					Pipe to Elbow				
B09.011.166	1NI149-4		CN-1NI-149	NDE-600	UT	SS.	10.000	Component	Procedure NDE-600 uses the component for
	Circumferential		CN-ISIN3-1562-1.1	PDI-UT-2		140		PDI-UT-2-C	•
Class A					Elbow to Pipe				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
B09.011.166A	1NI149-4		CN-1NI-149	NDE-35	PT	SS	10.000		
	Circumferential	NI	CN-ISIN3-1562-1.1			140	1.000		
Class A					Elbow to Pipe				
B09.011.182	1NI166-9		CN-1NI-166	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A					Pipe to				of NDE-600. If PDI-UT-2 is used , then the
					Elbow				calibration block listed shall be used.
B09.011.182A	1NI166-9		CN-1NI-166	NDE-35	PT	SS	6.000		
	Circumferential	NI	CN-ISIN3-1562-1.1			160	0.719	ı	
Class A					Pipe to Elbow				
B09.011.183	1NI166-10		CN-1NI-166	NDE-600	UT	SS		Component	•
	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class A					Elbow to Pipe				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
B09.011.183A	1NI166-10		CN-1NI-166	NDE-35	PT	SS	6.000		
	Circumferential	NI	CN-ISIN3-1562-1.1			160	0.719		
Class A					Elbow to				
			·		Pipe				

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

**Piping** 

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N			•	COMMENTS
B09.011.184	1NI166-15		CN-1NI-166	NDE-600	UT	SS		Component	Procedure NDE-600 uses the component for
Class A	Circumferential	NI	CN-ISIN3-1562-1.1	PDI-UT-2	Pipe to Pipe	160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
B09.011.184A			CN-1NI-166	NDE-35	PT	SS	6.000		
Class A	Circumferential	NI	CN-ISIN3-1562-1.1		Pipe to Pipe	160	0.719		
B09.011.195	1NI241-4		CN-1NI-241	NDE-600	UT	SS	8.000	Component	Procedure NDE-600 uses the component for
Class A	Circumferential	NI	CN-ISIN3-1562-1.2	PDI-UT-2	Elbow to Pipe	160	0.906	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lied of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
B09.011.195A	1NI241-4		CN-1NI-241	NDE-35	PT	SS	8.000		The second of the second secon
Class A	Circumferential	NI	CN-ISIN3-1562-1.2	;	Elbow to Pipe	160	0.906		
B09.011.196	1NI241-6		CN-1NI-241	NDE-600	UT	SS	8.000	Component	Procedure NDE-600 uses the component for
Class A	Circumferential	NI	CN-ISIN3-1562-1.2	PDI-UT-2	Elbow to Pipe	160	0.906	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in liet of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
B09.011.196A	1NI241-6		CN-1NI-241	NDE-35	PT	SS	8.000		· · · · · · · · · · · · · · · · · · ·
Class A	Circumferential	NI	CN-ISIN3-1562-1.2		Elbow to Pipe	160	0.906		
B09.011.197	1NI241-8	g. sm. s. sousa.s.,	CN-1NI-241	NDE-600	UT	SS	8.000	Component	Procedure NDE-600 uses the component for
Class A	Circumferential	NI	CN-ISIN3-1562-1.2	PDI-UT-2	Elbow to Pipe	160	0.906	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
B09.011.197A	1NI241-8		CN-1NI-241	NDE-35	PT	SS	8.000		
Class A	Circumferential	Ni	CN-ISIN3-1562-1.2		Elbow to Pipe	160	0.906		

Total B09.011 Items:

60

**Piping** 

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

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

**Branch Pipe Connection Welds** 

Catawba 1

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ITEM NUMB	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	AT/SCH	DIA/THK CAL BLOCKS	COMMENTS
,								· · · · · · · · · · · · · · · · · · ·
B09.021.005	1NC40-2		CN-1NC-40	NDE-35	PT	SS	3.000	
	Circumferential	ИС	CN-ISIN3-1553-1.0			160	0.438	
Class A					Pipe to			
, #04-1411 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·		nden. I stans saldenda 1930 dilimingan menera salah		Elbow		And Ann 1811 - 1818 - 1818 - 1818 - 1818 - 1818 - 1818 - 1818 - 1818 - 1818 - 1818 - 1818 - 1818 - 1818 - 1	
B09.021.006	1NC40-3		CN-1NC-40	NDE-35	PT	SS	3.000	
	Circumferential	ИC	CN-ISIN3-1553-1.0			160	0.438	
Class A					Elbow to			
					Pipe			
B09.021.007	1NC40-7		CN-1NC-40	NDE-35	PT	SS	3.000	
<b>.</b>	Circumferential	NC	CN-ISIN3-1553-1.0		Cibour to	160	0.438	
Class A			•		Elbow to Pipe			•
		*********						
B09.021.008	1NC40-8	NO	CN-1NC-40	NDE-35	PT	SS	3.000	·
Class A	Circumferential	NC	CN-ISIN3-1553-1.0		Pipe to	160	0.438	•
Class A	Stress weld				Valve 1NV4	1		
B09.021.016	1NC80-10		CN-1NC-80	NDE-35	PT	SS	3.000	
500.021.070	Circumferential	NC	CN-ISIN3-1553-1.0	,,,,,,	• •	160	0.438	
Class A					Pipe to			
					Elbow			
B09.021.017	1NC80-11		CN-1NC-80	NDE-35	PT	SS	3.000	Reactor Coolant Loop 1C Crossover Leg.
	Circumferential	NC	CN-ISIN3-1553-1.0			160	0.438	
.Class A					Nozzie to			
	•				Pipe			
B09.021.018	1NC80-12		CN-1NC-80	NDE-35	PT	SS	3.000	
	Circumferential	NC	CN-ISIN3-1553-1.0			160	0.438	
Class A					Pipe to			•
					Pipe			
B09.021.101	1NV201-1		CN-1NV-201	NDE-35	PT	SS	3.000	
	Circumferential	NV	CN-ISIN3-1554-1.0		14 1 41114	160	0.438	
Class A	Stress weld				Valve 1NV0	4U to		
					Pipe			

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

#### **DUKE ENERGY CORPORATION** INSERVICE INSPECTION PLAN MANAGEMENT

**Piping** 

Inservice Inspection Database Management System

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Catawba 1

Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
B09.021.102 1	NV201-2		CN-1NV-201	NDE-35	PT	SS	3.000		
Cir	cumferential	NV	CN-ISIN3-1554-1.0			160	0.438		
Class A Str	ess weld				Pipe to				
					Valve 1NV	041			
Total B09.021	Items: 9			ingga yang samba manan sama at yang angal meneri sami a - a	A. MINISTER V. W. W. C.		and the control of th		

## <u>CATEGORY B-J. Pressure Retaining Welds In</u> Piping

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Pressure Vessels

Catawba 1

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	· - · · · · · · · · · · · · · · · · · ·		03/19/2007						
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
**** Welded	Attachments ****							·	
B09.040.051	1NI32-9		CN-1NI-32	NDE-35	PT	SS	2.000		The state of the s
	Socket	NI	CN-ISIN3-1562-1.2			160	0.344		
Class A					Elbow to				
					Pipe				
B09.040.052	1NI32-10		CN-1NI-32	NDE-35	PT	SS	2.000		
	Socket	NI	CN-ISIN3-1562-1.2			160	0.344		
Class A					Pipe to				
			Mariana Angelana (angelana angelana angelana angelana angelana angelana angelana angelana angelana angelana an	·	Valve 1NI1	28	,		<u> </u>
B09.040.053	1NI147-5		CN-1NI-147	NDE-35	PΤ	SS	2.000		
	Socket	-NI	CN-ISIN3-1562-1.3			160	0.344		
Class A					Pipe to				·
					Elbow				
B09.040.054	1NI147-7	•	CN-1NI-147	NDE-35	PT	SS	2.000		•
	Socket	NI	CN-ISIN3-1562-1.3			160	0.344		
Class A					Pipe to				
					Valve 1NI1	71			
B09.040.101	1NV307-9		CN-1NV-307	NDE-35	PΤ	SS	2.000		
,	Socket	NV	CN-ISIN3-1554-1.0			160	0.344		
Class A					Tee to				
		J			Pipe				
B09.040.102	1NV307-11		CN-1NV-307	NDE-35	PT	SS	2.000	•	
	Socket	NV	CN-ISIN3-1554-1.0			160	0.344	•	
Class A					Elbow to				
N-m	BOOKER WAS COME IN A COLOR STORE STORE OF THE STORE ST			date	Pipe		11 11 11 11 11 11 11 11 11 11 11 11 11		
B09.040.103	1NV307-12		CN-1NV-307	NDE-35	PT	SS	2.000		
	Socket	NV	CN-ISIN3-1554-1.0			160	0.344		
Class A	Stress weld				Pipe to				
		, 148	and planting and the control of the		Valve 1NV	861	NO REAL PROPERTY OF THE BROWN IN THE REAL PROPERTY OF THE PROP		THE TAX OF THE PROPERTY OF THE
B09.040.104	1NV307-13		CN-1NV-307	NDE-35	PT	SS	2.000		
	Socket	NV	CN-ISIN3-1554-1.0			160	0.344		
Class A					Pipe to				
					Elbow			•	

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

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

Piping
Pressure Vessels

Catawba 1

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ITEM NUMBE		SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	MAT/SCH	DIA/THK CAL BLOCKS	S COMMENTS
309.040.105	1NV330-1		CN-1NV-330	NDE-35	PT	SS	2.000	
	Socket	NV	CN-ISIN3-1554-1.0			160	0.344	
Class A					Elbow to			
					Pipe			
09.040.106	1NV330-6		CN-1NV-330	NDE-35	PT	SS	2.000	The Manager of State Manager of the Control of the
	Socket	NV	CN-ISIN3-1554-1.0			160	0.344	
Class A					Elbow to			
					Pipe			
309.040.107	1NV330-8		CN-1NV-330	NDE-35	PT	SS	2.000	
	Socket	NV	CN-ISIN3-1554-1.0			160	0.344	
Class A					Elbow to			
					Pipe			
309.040.122	1NV550-6		CN-1NV-550	NDE-35	PT	SS	2.000	
•	Socket	NV	CN-ISIN3-1554-1.5		•	160	0.344	
Class A					Pipe to			
					Tee			•
09.040.123	1NV550-8		CN-1NV-550	NDE-35	PT	SS	2.000	
	Socket	NV	CN-ISIN3-1554-1.5			160	0.344	
Class A	,				Pipe to			
	•				Flange			
309.040.124	1NV550-11		CN-1NV-550	NDE-35	PT.	SS	2.000	
	Socket	NV	CN-ISIN3-1554-1.5			160	0.344	
Class A					Elbow to			
					Pipe			
309.040.125	1NV550-13		CN-1NV-550	NDE-35	PT	SS	2.000	
	Socket	NV	CN-ISIN3-1554-1.5			160	0.344	
Class A					Elbow to			
	•				Pipe			
309.040.126	1NV550-23		CN-1NV-550	NDE-35	PT ,	SS	1.500	Reactor Coolant Pump 1C.
	Socket	NV				160	0.281	·
Class A					Pipe to			
					Flange			
309.040.127	1NV614-8		CN-1NV-614	NDE-35	PT	SS	2.000	
	Socket	NV	CN-ISIN3-1554-1.5			160	0.344	
Class A					Elbow to			
•					Pipe			

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

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

**Piping** 

Inservice Inspection Database Management System

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### Pressure Vessels

Catawba 1

Inservice	Inspection	Plan 1	for I	Interval	3	Outage
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ER IDN	UMBER SYS	ISO/DWG NUMBERS	PROC	INSP REQ I	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
1NV614-11		CN-1NV-614	NDE-35	· PT	SS	2.000	
Socket	NV	CN-ISIN3-1554-1.5			160	0.344	
				Pipe to			
				Elbow			
1NV615-7		CN-1NV-615	NDE-35	PT	SS	2.000	
Socket	NV	CN-ISIN3-1554-1.5			160	0.344	
				Valve 1NV	'082 to		
				Pipe			
1NV615-8		CN-1NV-615	NDE-35	PT	SS	2.000	
Socket	NV	CN-ISIN3-1554-1.5		•	160	0.344	
				Pipe to			
				Valve 1NV	495		
1NV615-12		CN-1NV-615	NDE-35	PT	SS	2.000	
Socket	NV	CN-ISIN3-1554-1.5			160	0.344	
				Pipe to			
				Tee			•
	1NV614-11 Socket 1NV615-7 Socket 1NV615-8 Socket	1NV614-11 Socket NV  1NV615-7 Socket NV  1NV615-8 Socket NV	INV614-11 CN-1NV-614 Socket NV CN-ISIN3-1554-1.5  1NV615-7 CN-1NV-615 Socket NV CN-ISIN3-1554-1.5  1NV615-8 CN-1NV-615 Socket NV CN-ISIN3-1554-1.5  1NV615-12 CN-1NV-615	ER         ID NUMBER         SYS ISO/DWG NUMBERS         PROC           1NV614-11         CN-1NV-614         NDE-35           Socket         NV CN-ISIN3-1554-1.5         NDE-35           1NV615-7         CN-1NV-615         NDE-35           Socket         NV CN-ISIN3-1554-1.5         NDE-35           Socket         NV CN-ISIN3-1554-1.5         NDE-35           1NV615-12         CN-1NV-615         NDE-35           1NV615-12         CN-1NV-615         NDE-35	ID NUMBER   SYS   ISO/DWG NUMBERS   PROC   INSP REQ   INV614-11   CN-1NV-614   NDE-35   PT	ID NUMBER   SYS   ISO/DWG NUMBERS   PROC   INSP REQ MAT/SCH	1NV614-11

Total B09.040 Items:

21

Total B09 Items:

### **CATEGORY B-M-2, Valve Body**

Reactor Vessel

Total B12 Items:

5

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

Catawba 1

Catawba

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	<del>-</del> ,		03/19/2007						
ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC .	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
**** Vessel Interio	or ****								
B12.050.001A 1NC	? <del>-</del> 1	NC	CN-1NC-224 CNM 1205.09-01	NDE-64	VT-3	SS	6.000 0.719	Valves: 1NC-1, 1	nspect One Of The Following INC-2, Or 1NC-3. Inspect Only If or Maintenance, Repair, Or nination.
B12.050.001B 1NC	:-2 ·	NC	CN-1NC-258 CNM 1205.09-01	NDE-64	VT-3	SS	6.000 0.719	Valves: 1NC-1, 1	nspect One Of The Following INC-2, Or 1NC-3. Inspect Only If or Maintenance, Repair, Or nination.
B12.050.001C 1NC	÷-3	NC	CN-1NC-227 CNM 1205.09-01	NDE-64	VT-3	SS	6.000 0.719	Valves: 1NC-1, 1	nspect One Of The Following INC-2, Or 1NC-3. Inspect Only If or Maintenance, Repair, Or nination.
B12.050.005H INI-9	94	NI	CN-1NI-152 CNM 1205.00-62	NDE-64	VT-3	SS	10.000 1.000	The Following Value 1NI-71, 1NI-81,	se Check Valve. Inspect One Of alves: 1NI-59, 1NI-60, 1NI-70, 1NI-82, 1NI-93 Or 1NI-94. Inspect abled For Maintenance, Repair, Or nination.
B12.050,007F INI-	176	NI	CN-1NI-151 CNM 1205.00-63	NDE-64	VT-3	SS	6.000 0.719	Following Valves 1NI-160, 1NI-179 Inspect Only If D	e Check Valve. Inspect One Of The s: 1NI-126, 1NI-134, 1NI-157, 5, 1NI-176, 1NI-180 Or 1NI-181. risassembled For Maintenance, netric Examination.
Total B12.050 Iter	ns: 5								

### **CATEGORY C-A. Pressure Retaining Welds In**

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

**Pressure Vessels** 

Inservice Inspection Database Management System

**Head Circumferential Welds** 

#### Catawba 1

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Inservice Inspection Plan for Interval 3 Outage 1

				•					
ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	AT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
	1SWHX-5-3 Circumferential	CN-ISIN3-1554-1.6 NV CNM 1201.06-50		NDE-35	PT Shell to Flange	SS	20.000 0.187	Seal Water Heat Exchanger Shell Pc.5 to Flange Pc.3. For welds in vessels with nominal wall thickness of 0.2 inches or less, a surface examination may be applied in lieu of a volumetric examination, per Table IWC-2500-1 of Examination Category C-A, Footnote (5).	
	ISWRF-1-3 rcumferential	NV	CN-ISIN3-1554-1.6 CNM 1201.04-078	NDE-35	PT Shell to Seal Ring	SS	6.625 0.134	Seal Water Return Filter Shell (Pc.1) to Seal Ring Assy (Pc.3). Perform PT in Lieu of UT, per Footnote 5 of ASME Section XI, Table IWC-2500-1.	

Total C01.010 Items:

### **CATEGORY C-A, Pressure Retaining Welds In**

## DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

**Pressure Vessels** 

Tubesheet-to-Shell Weld

Inservice Inspection Database Management System

Catawba 1

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Plan Report

#### Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ I	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
	SWHX-5-6 cumferential	NV	CN-ISIN3-1554-1.6 CNM 1201.06-50	NDE-35	PT Shell to Head	SS	20.000 0.187	Seal Water Heat Exchanger Shell Pc.5 to Head Pc.6. For welds in vessels with nominal thickness of 0.2 inches or less, a surface examination may be applied in lieu of a volumetric examination, per Table IWC-2500-1 of Examination Category C-A, Footnote (5).
	SWRF-1-2 cumferential	NV	CN-ISIN3-1554-1.6 CNM 1201.04-078	NDE-35	PT Shell to Head	SS	6.625 0.134	Seal Water Return Filter Shell (Pc.1) to Head (Pc.2). Perform PT in Lieu of UT per Footnote 5 of ASME Section XI, Table IWC-2500-1.

Total C01.020 Items:

2

Total C01 Items:

### <u>CATEGORY C-B, Pressure Retaining Nozzle</u> Welds In Vessels

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

Catawba 1

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

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBI	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	1AT/SCH	DIA/THK CAL BLOCKS	COMMENTS
**** Nozzle	s Without Reinforcing	Plate In	Vessels > 1/2 in. Nom	. Thicknes	s ****			
C02.011.001 Class B	1SWHX-5-A Circumferential	NV	CN-ISIN3-1554-1.6 CNM 1201.06-50	NDE-35	PT Nozzle to Sheli	SS	4.000 0.237	Seal Water Heat Exchanger Inlet Nozzle Pc.A to Shell Pc.5.
C02.011.002	1SWHX-5-B Circumferential	NV	CN-ISIN3-1554-1.6 CNM 1201.06-50	NDE-35	PT  Nozzle to Shell	SS	4.000 0.237	Seal Water Heat Exchanger Outlet Nozzle Pc.B to Shell Pc.5.
C02.011.003 Class B	1SWRF-1-OUTLET Circumferential	NV	CN-ISIN3-1554-1.6 CNM 1201.04-78	NDE-35	PT  Nozzle to  Shell	SS	2.000 0.154	Seal Water Return Filter Outlet Nozzle
•	Circumferential	NV			Nozzle to			

### <u>CATEGORY C-B, Pressure Retaining Nozzle</u> <u>Welds In Vessels</u>

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

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

Catawba 1

Inservice Inspection Plan for Interval 3 Outage 1

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172 1111 110	1111 11110101000		•						
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	IAT/SCH	DIA/THK CA	L BLOCKS	COMMENTS
**** Nozzle I	Inside Radius Section	****							
C02.021.003 Class B	1ARHRHX-5-A Circumferential	ND	CN-ISIN3-1561-1.0 CNM 1201.06-38 CNM 1201.06-83	NDE-3630	UT Nozzle to Shell	SS	14.000 0.375	50432 50380	Residual Heat Removal Heat Exchanger 1A Inlet Nozzle Pc.A to Shell Pc.5. Scheduled for examination during Outage #1 (EOC16) in accordance with PIP# C-06-05142, Corrective Action #4.
C02.021.003A Class B	1ARHRHX-5-A Circumferential	ND	CN-ISIN3-1561-1.0 CNM 1201.06-38 CNM 1201.06-83	NDE-35	PT Nozzle to Shell	SS	14.000 0.375		Residual Heat Removal Heat Exchanger 1A Inlet Nozzle Pc.A to Shell Pc.5.
C02.021.004 Class B	1ARHRHX-5-B Circumferential	ND	CN-ISIN3-1561-1.0 CNM 1201.06-38 CNM 1201.06-83	NDE-3630	UT Nozzle to Shell	SS	14.000 0.375	50432 50380	Residual Heat Removal Heat Exchanger 1A Outlet Nozzle Pc.B to Shell Pc.5. Scheduled for examination during Outage #1 (EOC16) in accordance with PIP# C-06-05142, Corrective Action #4.
	1ARHRHX-5-B Circumferential	ND	CN-ISIN3-1561-1.0 CNM 1201.06-38 CNM 1201.06-83	NDE-35	PT Nozzle to	SS	14.000 0.375		Residual Heat Removal Heat Exchanger 1A Outlet Nozzle Pc.B to Shell Pc.5.

Shell

Total C02.021 Items:

4

Total C02 Items:

## CATEGORY C-C, Welded Attachments For Vessels, Piping, Pumps, And Valves

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

Catawba 1

<u>Piping</u>

Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
**** Welded	Attachments ****		·						
C03.010.023	1SWRF-SUPPORT		CNM 1201.04-078	NDE-35	PT	SS	0.000	Seal Water Return Filter	
		NV	CN-ISIN3-1554-1.6				0.250	Examine with F01.040.114.	•
Class B					Support L	egs to			
					Shell				
Total C03.01	0 Items: 1	***************************************						The second secon	**************************************

<u>Pumps</u>

Total C03.020 Items:

5

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

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

Catawba 1

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1 411.150	Inservice Inspection Plan for Interval 3 Outage 1								
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP RE	Q MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
**** Welded	d Attachments ****								
C03.020.031	1-R-ND-0372		CN-1492-ND001	NDE-35	PT	SS	18.000	Examine with F01.020.033.	The state of the s
	Rigid Support	ND	CN-ISIN3-1561-1.0				0.365		
Class B								•	
C03.020.032	1-R-ND-0226		CN-1492-ND004	NDE-35	PT	SS	8.000	Examine with F01.022.031.	
	Mech Snubber	ND	CN-ISIN3-1561-1.0				0.216		•
Class B									·
C03.020.042	1-R-NI-0003		CN-1492-NI018	NDE-35	PT	SS	18.000	Examine with F01.020.061.	
*	Rigid Support	NI	CN-ISIN3-1562-1.3				0.750		
Class B	•								
C03.020.072	1-R-SM-1572		CN-1491-SM029	NDE-25	MT	CS	34.000	Examine with F01.020.203.	
	Rigid Support	SM	CN-ISIN3-1593-1.0				0.750		
Class B									
C03.020.073	1-R-SM-1574	***************************************	CN-1491-SM029	NDE-25	MT	CS	34.000	Examine with F01.020.204.	and the company of the second specific second secon
	Rigid Support	SM	CN-ISIN3-1593-1.0				0.750		
Class B									•

**Valves** 

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

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

Inservice Inspection Plan for Interval 3 Outage 1

Catawba 1

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EM NUMBER	ID NUMBER	SYS ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS	,
** Welded Attac	hments ****				•

I I EIVI NUIVIDEI	n ID NUMBER	513	130/DWG NUMBERS	PHUC	INSPIREQ I	VIA 1/5CH	DIATHK CAL BLOCKS	COMMENTS
**** Welded	Attachments ****							
C03.030.001 Class B	1RHRPA-LUGS Circumferential	ND	CNM 1201.05-289 CN-ISIN3-1561-1.0	NDE-35	PT Lugs to Casing	SS	0.000 1.000	Residual Heat Removal Pump 1A Lugs to Pump Casing (3 Support Lugs). Examine with F01.040.105.
C03.030.011 Class B	1CCPA-SUPPORT Rigid Support	NV	CNM 1201.05-144 CN-ISIN3-1554-1.7	NDE-35	PT Lugs to Casing	SS	0.000 0.000	Centrifugal Charging Pump 1A Support Welded Attachment. Examine with F01.040.100.

Total C03.030 Items:

Total C03 Items:

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

Piping Welds > 1/5 in. Nom Wall for Piping >=

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

**Austenitic SS Or High Alloy Piping** 

Inservice Inspection Database Management System

Catawba 1

NPS 2 and <= NPS 4

Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	AT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
**** Piping	Welds > 1/5 in. Nom Wall	For	Piping >= NPS 2 And	<= NPS 4 **	***				
C05.011.021	1FW12-3		CN-1FW-12	NDE-600	UT	SS		Component	Procedure NDE-600 uses the component for
Class B	Circumferential	FW	CN-ISIN3-1571-1.0	PDI-UT-2	Pipe to Elbow	STD	0.375	PDI-ÚT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.021A	1FW12-3		CN-1FW-12	NDE-35	PT	SS	12.000		
	Circumferential	FW	CN-ISIN3-1571-1.0			STD	0.375		
Class B					Pipe to Elbow				
C05.011.065	1ND3-1		CN-1ND-3	NDE-600	UT	SS	18.000	Component	Procedure NDE-600 uses the component for
	Circumferential	ND	CN-ISIN3-1561-1.0	PDI-UT-2		40	0.562	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Valve 1NI18 Pipe	5A to			of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.065A	1ND3-1		CN-1ND-3	NDE-35	PT	SS	18.000		
	Circumferential	ND	CN-ISIN3-1561-1.0			40	0.562		
Class B	•				Valve 1NI18 Pipe	5A to			
C05.011.066	1ND3-3		CN-1ND-3	NDE-600	UT	SS	18.000	Component	Procedure NDE-600 uses the component for
	Circumferential	ND	CN-ISIN3-1561-1.0	PDI-UT-2		40	0.562	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Tee to Reducer				of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.066A	1ND3-3		CN-1ND-3	NDE-35	PT	SS	18.000		
	Circumferential	ND	CN-ISIN3-1561-1.0			40	0.562		
Class B					Tee to Reducer				
C05.011.067	1ND3-6		CN-1ND-3	NDE-600	UT	SS		•	Procedure NDE-600 uses the component for
	Circumferential	ND	CN-ISIN3-1561-1.0	PDI-UT-2		40	0.562	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Tee to Reducer				of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.067A	1ND3-6		CN-1ND-3	NDE-35	PT	SS	18.000		
	Circumferential	ND	CN-ISIN3-1561-1.0			40	0.562		
Class B					Tee to				
					Reducer				

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

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

### **Austenitic SS Or High Alloy Piping**

Inservice Inspection Database Management System

Piping Welds > 1/5 in. Nom Wall for Piping >=

#### Catawba 1

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NPS 2 and <= NPS 4			Ins	ervice Insp	03/19/2007				
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	/AT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
C05.011.071 Class B	1ND41-3 Circumferential		CN-1ND-41 CN-ISIN3-1561-1.0	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.071A Class B	1ND41-3 Circumferential	ND	CN-1ND-41 CN-ISIN3-1561-1.0	NDE-35	PT Pipe to Elbow	SS STD	12.000 0.375		
C05.011.072 Class B	1ND42-2 Circumferential	ND	CN-1ND-42 CN-ISIN3-1561-1.0	NDE-600 PDI-UT-2	UT Elbow to Pipe	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.072A Class B	1ND42-2 Circumferential		CN-1ND-42 CN-ISIN3-1561-1.0	NDE-35	PT Elbow to Pipe	SS STD	12.000 0.375		
C05.011.073 Class B	1ND42-5 Circumferential		CN-1ND-42 CN-ISIN3-1561-1.0	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.073A Class B	1ND42-5 Circumferential	ND	CN-1ND-42 CN-ISIN3-1561-1.0	NDE-35	PT Pipe to Elbow	SS STD	12.000 0.375		
C05.011.074 Class B	1ND42-7 Circumferential	ND	CN-1ND-42 CN-ISIN3-1561-1.0	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.074A Class B	1ND42-7 Circumferential	ND	CN-1ND-42 CN-ISIN3-1561-1.0	NDE-35	PT Pipe to Elbow	SS STD	12.000 0.375		
C05.011.075 Class B	1ND42-8 Circumferential	ND	CN-1ND-42 CN-ISIN3-1561-1.0	NDE-600 PDI-UT-2	UT Elbow to Pipe	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.

Class B

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

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Plan Report

**Austenitic SS Or High Alloy Piping** 

Inservice Inspection Database Management System

Piping W	Piping Welds > 1/5 in. Nom Wall for Piping >=				Catawba 1			Page 34	
NPS 2 an	id <= NPS 4	Ins	service Inspection Plan for Interval 3 Outage 1					03/19/2007	
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	MAT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
C05.011.075A Class B	1ND42-8 Circumferential	ND	CN-1ND-42 CN-ISIN3-1561-1.0	NDE-35	PT Elbow to Pipe	SS STD	12.000 0.375		
C05.011.080 Class B	1ND44-5 Circumferential	ND	CN-1ND-44 CN-ISIN3-1561-1.2	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.080A Class B	. 1ND44-5 Circumferential	ND	CN-1ND-44 CN-ISIN3-1561-1.2	NDE-35	PT Pipe to Elbow	SS STD	12.000 0.375		
C05.011.081 Class B	1ND44-6 Circumferential	ND	CN-1ND-44 CN-ISIN3-1561-1.2	NDE-600 PDI-UT-2	UT Elbow to Pipe	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
Class B	1ND44-6 Circumferential	ND	CN-1ND-44 CN-ISIN3-1561-1.2	NDE-35	PT Elbow to Pipe	SS STD	12.000 0.375		
C05.011.082 Class B	1ND44-7 Circumferential	ND	CN-1ND-44 CN-ISIN3-1561-1.2	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.082A Class B	1ND44-7 Circumferential	ND	CN-1ND-44 CN-ISIN3-1561-1.2	NDE-35	PT Pipe to Elbow	SS STD	12.000 0.375		
C05.011.083 Class B	1ND55-10 Circumferential	ND	CN-1ND-55 CN-ISIN3-1561-1.1	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS STD		Component PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.083A	1ND55-10 Circumferential	ND	CN-1ND-55 CN-ISIN3-1561-1.1	NDE-35	PT	SS STD	12.000 0.375		

Pipe to

Elbow

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

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

### **Austenitic SS Or High Alloy Piping**

Inservice Inspection Database Management System

Piping Welds > 1/5 in. Nom Wall for Piping >=

#### Catawba 1

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NPS 2 and <= NPS 4 Inservice Inspection Plan for Interval 3 Outage 1									03/19/2007	
ITEM NUMB	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	//AT/SCH	DIA/THK CAL BL	LOCKS	COMMENTS	
C05.011.084 Class B	1ND55-11 Circumferential	ND	CN-1ND-55 CN-ISIN3-1561-1.1	NDE-600 PDI-UT-2	UT Elbow to Pipe	SS STD	12.000 Comp 0.375 PDI-L	•	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.084A	A 1ND55-11 Circumferential	ND	CN-1ND-55 CN-ISIN3-1561-1.1	NDE-35	PT Elbow to Pipe	SS STD	12.000 0.375			
C05.011.087 Class B	1ND42-6 Circumferential	ND	CN-1ND-42 CN-ISIN3-1561-1.0	NDE-600 PDI-UT-2	UT Elbow to Pipe	SS	12.000 Comp 0.375 PDI-L	•	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.087A	A 1ND42-6 Circumferential	ND	CN-1ND-42 CN-ISIN3-1561-1.0	NDE-35	PT Elbow to Pipe	SS STD	12.000 0.375			
C05.011.101 Class B	1NI1-1 Circumferential	NI	CN-1NI-1 CN-ISIN3-1562-1.3	NDE-600 PDI-UT-2	UT Elbow to Pipe	SS 160	8.000 Comp 0.906 PDI-L		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.101/	A 1NI1-1 Circumferential	NI	CN-1NI-1 CN-ISIN3-1562-1.3	NDE-35	PT Elbow to Pipe	SS 160	8.000 0.906			
C05.011.102 Class B	1NI1-2 Circumferential	NI	CN-1NI-1 CN-ISIN3-1562-1.3	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS 160	8.000 Comp 0.906 PDI-U	•	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.102A	A 1NI1-2 Circumferential	NI	CN-1NI-1 CN-ISIN3-1562-1.3	NDE-35	PT Pipe to Elbow	SS 160	8.000 0.906			
C05.011.103 Class B	1NI1-8 Circumferential	NI	CN-1NI-1 CN-ISIN3-1562-1.3	NDE-600 PDI-UT-2	UT Tee to Elbow	SS 160	8.000 Comp 0.906 PDI-U		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	

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

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Plan for Interval 3 Outage 1

**Austenitic SS Or High Alloy Piping** 

Inservice Inspection Database Management System

Piping	<u>Welds</u>	> 1/5	<u>in. Nom</u>	Wall	for Piping >	·=
NPS 2	and <=	NPS	4			

Catawba 1

Plan Report Page 36 03/19/2007

ITEM NUMBE	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MA	AT/SCH	DIA/THK CAL	BLOCKS	COMMENTS
C05.011.103A			CN-1NI-1	NDE-35	PT	SS	8.000		
	Circumferential	NI	CN-ISIN3-1562-1.3			160	0.906		
Class B					Tee to Elbow				
C05.011.104	1NI1-11		CN-1NI-1	NDE-600	UT	SS	6.000 Cc	omponent	•
	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719 PC	DI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Reducer to Pipe				of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.104A	1NI1-11	.,	CN-1NI-1	NDE-35	PT	SS	6.000		
	Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719		
Class B					Reducer to				
	e and the second of the second		·		Pipe				
C05.011.105	1NI1-12		CN-1NI-1	NDE-600	UT	SS		•	Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719 PC	DI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Pipe to Valve 1NI18	0			of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.011.105A	1NI1-12		CN-1NI-1	NDE-35	PT	SS	6.000		
	Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719		
Class B					Pipe to				
	COLONIA DE LA COMPONIA DE SERVIZA E SERVIZA E COMPONIA DE SERVIZA DE SERVIZA DE LA CONTRACTOR DE SERVIZA DE SE		THE STATE OF THE S		Valve 1NI18	0			
C05.011.106	1NI5-1		CN-1NI-5	NDE-600	UT	SS		omponent	· · · · · · · · · · · · · · · · · · ·
	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2	<b>.</b>	160	0.906 PE	DI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the
Class B			•		Pipe to Elbow				calibration block listed shall be used.
005044400	43.05		ON 4411 5	NDE of			0.000		
C05.011.106A	Circumferential	NI	CN-1NI-5 CN-ISIN3-1562-1.3	NDE-35	PT	SS 160	8.000 0.906		
Class B	Circumierentiai	INI	CN-131113-1302-1.3		Pipe to	100	0.900		
Ciass D					Elbow	•	•		
C05.011.107	1NI5-2		CN-1NI-5	NDE-600	UT	SS		omponent	Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.906 PE	DI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Elbow to Pipe	,			of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
C05.011.107A	1NI5-2		CN-1NI-5	NDE-35	PT	SS	8.000		
•	Circumferential	ŅΙ	CN-ISIN3-1562-1.3			160	0.906		
Class B					Elbow to				
					Pipe				

Class B

C05.011.111

Class B

Class B

C05.011.112

Class B

C05.011.111A 1NI5-11

1NI5-11

Circumferential

Circumferential

1NI5-12

Circumferential

### CATEGORY C-F-1, Pressure Retaining Welds In

Piping Welds > 1/5 in. Nom Wall for Piping >=

#### **DUKE ENERGY CORPORATION** INSERVICE INSPECTION PLAN MANAGEMENT

**Austenitic SS Or High Alloy Piping** 

Inservice Inspection Database Management System Catawba 1

Plan Report Page 37 03/19/2007

NPS 2 and <= NPS 4			ins	ervice Insp	03/19/2007				
ITEM NUMBER ID NUMBER		SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH DIA/THK CAL BLOCKS			COMMENTS	
C05.011.108 Class B	1NI5-6 Circumferential	NI	CN-1NI-5 CN-ISIN3-1562-1.3	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS 160	6.000 Component 0.719 PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.108A Class B	1NI5-6 Circumferential	NI	CN-1NI-5 CN-ISIN3-1562-1.3	NDE-35	PT Pipe to Elbow	SS 160	6.000 0.719		
C05.011.109 Class B	1NI5-7 Circumferential	NI	CN-1NI-5 CN-ISIN3-1562-1.3	NDE-600 PDI-UT-2	UT Elbow to Pipe	SS 160	6.000 Component 0.719 PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.109A Class B	1NI5-7 Circumferential	NI	CN-1NI-5 CN-ISIN3-1562-1.3	NDE-35	PT Elbow to Pipe	SS 160	6.000 0.719		
C05.011.110 Class B	1NI5-10 Circumferential	NI	CN-1NI-5 CN-ISIN3-1562-1.3	NDE-600 PDI-UT-2	UT Pipe to Elbow	SS 160	6.000 Component 0.719 PDI-UT-2-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.110A	1NI5-10 Circumferential	NI	CN-1NI-5 CN-ISIN3-1562-1.3	NDE-35	PT	SS 160	6.000 0.719	The second se	

Pipe to

Elbow

UT

Elbow to

Elbow to

Pipe

Pipe

UT

Pipe to

Elbow

SS

160

SS

160

SS

160

6.000 Component

6.000 Component

0.719 PDI-UT-2-C

6.000

0.719

Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu

Procedure NDE-600 uses the component for

of NDE-600. If PDI-UT-2 is used, then the

calibration-block listed shall be used.

of NDE-600. If PDI-UT-2 is used, then the

calibration block listed shall be used.

0.719 PDI-UT-2-C calibration. Procedure PDI-UT-2 may be used in lieu

NDE-600

PDI-UT-2

NDE-35

NDE-600

PDI-UT-2

CN-1NI-5

CN-1NI-5

CN-1NI-5

NI

NI

CN-ISIN3-1562-1.3

CN-ISIN3-1562-1.3

CN-ISIN3-1562-1.3

Class B

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

#### **DUKE ENERGY CORPORATION**

#### INSERVICE INSPECTION PLAN MANAGEMENT

**Austenitic SS Or High Alloy Piping** 

Inservice Inspection Database Management System Catawba 1

Plan Report Page 38

Piping Welds > 1/5 in. Nom Wa		nina >=		Catawba 1	3			Plan Report Page 38	
NPS 2 and <= NPS 4	10111		ervice Insp	ection Plan	for Interv	val 3 Outac	03/19/2007		
ITEM NUMBER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N		_	-	COMMENTS	
C05.011.112A 1NI5-12		CN-1NI-5	NDE-35	PT	SS	6.000			
Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719			
Class B				Pipe to Elbow					
C05.011.113 1NI5-13		CN-1NI-5	NDE-600	UT	SS	6.000	Component	•	
Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class B		-		Elbow to Pipe	•			of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.113A 1NI5-13		CN-1NI-5	NDE-35	PT	SS	6.000			
Circumferential	NI	CN-ISIN3-1562-1.3		<b></b> .	160	0.719			
Class B		•		Elbow to Pipe					
C05.011.116 1NI6-11		CN-1NI-6	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for	
Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class B			.:	Elbow to Pipe				of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.116A 1NI6-11		CN-1NI-6	NDE-35	PT	SS	6.000			
Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719		•	
Class B				Elbow to Pipe					
C05.011.117 1NI6-12		CN-1NI-6	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for	
Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class B				Pipe to Elbow				of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.	
C05.011.117A 1NI6-12		CN-1NI-6	NDE-35	PT	SS	6.000			
Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719			
Class B				Pipe to Elbow					
C05.011.135 1NI24-2		CN-1NI-24	NDE-600	UT	SS		•	Procedure NDE-600 uses the component for	
Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class B				Pipe to Elbow			,	of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.	
C05.011.135A 1NI24-2		CN-1NI-24	NDE-35	PT	SS	6.000			
Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719		•	

Pipe to

Elbow

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

Piping Welds > 1/5 in. Nom Wall for Piping >=

#### **DUKE ENERGY CORPORATION**

### INSERVICE INSPECTION PLAN MANAGEMENT

### **Austenitic SS Or High Alloy Piping**

## Inservice Inspection Database Management System Catawba 1

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NPS 2 and <= NPS 4	Inservice Inspection Plan for Interval 3 Outage 1
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NPS 2 an	a <= NPS 4		1113	ei vice ilish	ection Fian	ioi mieri	vai 5 Outa	ye i	00/10/2007
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	//AT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
C05.011.136	1NI24-3		CN-1NI-24	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	Ni	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Elbow to				of NDE-600. If PDI-UT-2 is used , then the
					Pipe				calibration block listed shall be used.
C05.011.136A	1NI24-3		CN-1NI-24	NDE-35	PΤ	SS	6.000		
	Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719		
Class B					Elbow to				
· THE W. III SERVICE AND LAND ASSESSMENT OF THE PARTY OF	od dien (1911) (1911), al hitterie en 1911 (1911) (1911) (1911) (1911) (1911) (1911) (1911) (1911) (1911) (191		NAMES AND ADDRESS OF THE PARTY ADDRESS OF THE PARTY ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY ADDRESS OF THE PAR		Pipe				
C05.011.137	1NI24-6		CN-1NI-24	NDE-600	UT	SS		•	Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Pipe to				of NDE-600. If PDI-UT-2 is used, then the
					Elbow				calibration block listed shall be used.
C05.011.137A	1NI24-6		CN-1NI-24	NDE-35	PT	SS	6.000		
	Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719		
Class B					Pipe to				
					Elbow				
C05.011.138	1NI24-7		CN-1NI-24	NDE-600	UT	SS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	. NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Elbow to				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
	The same and a common of the same of the same and the same of the				Pipe				calibration block listed shall be used.
C05.011.138A	1NI24-7		CN-1NI-24	NDE-35	PΤ	SS	6.000		
	Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719		
Class B					Elbow to				
				and the same of the same of the same and the same of t	Pipe				
C05.011.139	1NI25-2		CN-1NI-25	NDE-600	UT	SS		•	Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Pipe to				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
					Elbow				campration block listed shall be used.
C05.011.139A			CN-1NI-25	NDE-35	PT	ŞS	6.000		
	Circumferential	NI	CN-ISIN3-1562-1.3		<b>5</b>	160	0.719		
Class B					Pipe to				
4. 20. 4				~ ~~~~	Elbow				The second secon
C05.011.140	1NI25-3		CN-1NI-25	NDE-600	UT	SS			Procedure NDE-600 uses the component for
	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Class B					Elbow to				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
					Pipe				Cambration block listed stidling used.

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

**Austenitic SS Or High Alloy Piping** 

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Piping Welds > 1/5 in. Nom Wall for Piping >=

Inservice Inspection Database Management System

Catawba 1

Plan Report Page 40 03/19/2007

	NPS 2 and <= NPS 4 Inservice Inspection Plan for Interval 3 Outage 1								03/19/2007	
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MA	AT/SCH	DIA/THK C	AL BLOCKS	COMMENTS	
C05.011.140A	1NI25-3		CN-1NI-25	NDE-35	PT	SS	6.000	Parameter Colonial Co		
	Circumferential	NI	CN-ISIN3-1562-1.3			160	0.719			
Class B					Elbow to					
					Pipe					
C05.011.141	1NI25-7		CN-1NI-25	NDE-600	UT	SS		Component	Procedure NDE-600 uses the component for	
	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2		160	0.719	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the	
Class B					Pipe to Elbow				calibration block listed shall be used.	
C05.011.141A	•		CN-1NI-25	NDE-35	PT	SS	6.000			
Oleve D	Circumferential	NI	CN-ISIN3-1562-1.3		Ding to	160	0.719			
Class B					Pipe to Elbow			•		
C05.011.142	1NI25-8	6.11	CN-1NI-25	NDE-600	UT	SS		Component	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-2 may be used in lieu	
Ol D	Circumferential	NI	CN-ISIN3-1562-1.3	PDI-UT-2	Elbow to	160	0.719	PDI-UT-2-C	of NDE-600. If PDI-UT-2 is used, then the	
Class B					Pipe				calibration block listed shall be used.	
C05.011.142A	1NIOC O		CN-1NI-25	NDE-35	PT	SS	6.000	* * * * * * * * * * * * * * * * * * * *		
C05.011.142A	Circumferential	NI	CN-ISIN3-1562-1.3	NDC-35	гі	160	0.719			
Class B	Olledimerential	141	014-101140-1002-1.0		Elbow to	100	0.7 10		•	
3,433 2					Pipe					
C05.011.209	1NS20-29		CN-1NS-20	NDE-600	UT	SS	10.000	Component	Procedure NDE-600 uses the component for	
	Circumferential	NS	CN-ISIN3-1563-1.0	PDI-UT-2		20		PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class B					Pipe to				of NDE-600. If PDI-UT-2 is used , then the	
					Reducer			•	calibration block listed shall be used.	
C05.011.209A	1NS20-29		CN-1NS-20	NDE-35	PT	SS	10.000		· · · · · · · · · · · · · · · · · · ·	
	Circumferential	NS	CN-ISIN3-1563-1.0			20	0.250			
Class B	•				Pipe to					
					Reducer					
C05.011.211	1NS22-32		CN-1NS-22	NDE-600	UT	SS	10.000	Component	Procedure NDE-600 uses the component for	
	Circumferential	NS	CN-ISIN3-1563-1.0	PDI-UT-2		20	0.250	PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu	
Class B					Reducer to Pipe				of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.	
C05.011.211A	1NS22-32		CN-1NS-22	NDE-35	PT	SS	10.000			
	Circumferential	NS	CN-ISIN3-1563-1.0			20	0.250			
Class B					Reducer to					
					Pipe					

CATEGORY C-F-1, Pressure Retaining Welds In

**DUKE ENERGY CORPORATION** 

**INSERVICE INSPECTION PLAN MANAGEMENT** 

**Austenitic SS Or High Alloy Piping** 

Inservice Inspection Database Management System

Piping Welds > 1/5 in. Nom Wall for Piping >=

Catawba 1

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NPS 2 and <= NPS 4

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBER

**ID NUMBER** SYS ISO/DWG NUMBERS PROC

INSP REQ MAT/SCH DIA/THK CAL BLOCKS

COMMENTS

Total C05.011 Items:

Socket Welds

CATEGORY C-F-1, Pressure Retaining Welds In

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

**Austenitic SS Or High Alloy Piping** 

Inservice Inspection Database Management System

Catawba 1

Inservice Inspection Plan for Interval 3 Outage 1

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				•				
ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT	SCH DIA/THK	CAL BLOCKS	COMMENTS
C05.021.146 1	INV-309-INLET	and the second process that the state	CN-1NV-36	NDE-600	UT	SS 2.00	0 Component	Valve Body to Concentric Reducer. Pc.35 to Pc.68.
Cir	rcumferential	NV	CN-ISIN3-1554-1.2	PDI-UT-2	•	160 0.34	4 PDI-UT-2-C	Procedure NDE-600 uses the component for
Class B	· .		CNM 1205.06-48	•	Valve Body to Concentric Red	ducer		calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.021.146A 1	INV-309-INLET		CN-1NV-36	NDE-35	PT	SS 2.00	0	Valve Body to Concentric Reducer. Pc.35 to Pc.68.
Cir	rcumferential	NV	CN-ISIN3-1554-1.2			160 0.34	4	•
Class B					Valve Body to Concentric Re	ducer		
C05.021.147 1	INV-309-OUTLET		CN-1NV-36	NDE-600	UT	SS 2.00	0 Component	Valve Body to Concentric Reducer. Pc.35 to Pc.68.
Cir	rcumferential	NV	CN-ISIN3-1554-1.2	PDI-UT-2	•	160 0.34	4 PDI-UT-2-C	Procedure NDE-600 uses the component for
Class B		•	CNM 1205.06-48		Valve Body to Concentric Re	ducer		calibration. Procedure PDI-UT-2 may be used in lieu of NDE-600. If PDI-UT-2 is used, then the calibration block listed shall be used.
C05.021.147A 1	1NV-309-OUTLET		CN-1NV-36	NDE-35	PT	SS 2.00	0	Valve Body to Concentric Reducer. Pc.35 to Pc.68.
Cir	rcumferential	NV	CN-ISIN3-1554-1.2		•	160 0.34	4	•
Class B					Valve Body to Concentric Re	ducer		
Total C05.021	Items: 4							

**CATEGORY C-F-2, Pressure Retaining Welds In** 

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Carbon Or Low Alloy Steel Piping

Inservice Inspection Database Management System

Catawba 1

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Piping Welds > 1/5 in. Nom Wall for Piping >= NPS 2 and <= NPS 4

Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBE	R ID NUMBER	ŞYS	ISO/DWG NUMBERS	PROC	INSP REQ MA	AT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
C05.051.001	1CA100-7		CN-1CA-100	NDE-600	UT	CS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1		80	0.432	PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu
Class B					Reducer to	•			of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
	The state of the s				Elbow			the control of the second state of the second	Cambration brook indica driain be accu.
C05.051.001A		•	CN-1CA-100	NDE-25	MT	CS	6.000		
	Circumferential	CA	CN-ISIN3-1592-1.1		Reducer to	80	0.432		
Class B					Elbow				
C05.051.014	1CA69-2		CN-1CA-69	NDE-600	UT	CS	6.000	Component	Procedure NDE-600 uses the component for
	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1		80	0.432	PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu
Class B					Pipe to				of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
A. (A. (A.))	A secondaria communicia de la seculida de la seculida com manda de Manda de Antonio e seculidade de la seculidad de la seculid		and the community of the contract of the contr		Elbow				calibration block listed shall be used.
C05.051.014A			CN-1CA-69	NDE-25	MT	CS	6.000		
	Circumferential	CA	CN-ISIN3-1592-1.1		<b>5</b> .	80	0.432		
Class B					Pipe to				
	MICHININA I ARA NYAYAYAY YAYAYIN ARA MARAMAMIN MAYAYIN MAYAN MARAMAMIN MAYAYA MARAMAMIN MARAMAMIN MARAMAMIN MA				Elbow		***** *** *** *** ************		
C05.051.015	1CA69-14	-	CN-1CA-69	NDE-600	UT	CS		•	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu
	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1	Elbow to	80	0.432	PDI-UT-1-C	of NDE-600. If PDI-UT-1 is used, then the
Class B					Pipe				calibration block listed shall be used.
C05.051.015A	1CA69-14		CN-1CA-69	NDE-25	MT	CS	6.000		
	Circumferential	CA				80	0.432		
Class B					Elbow to				
					Pipe				
C05.051.018	1CA71-6		CN-1CA-71	NDE-600	UT	CS			Procedure NDE-600 uses the component for
	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1		80	0.432	PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu
Class B					Elbow to				of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
	TI MAAAN,				Pipe				and a second sec
C05.051.018A			CN-1CA-71	NDE-25	MT	CS	6.000		
	Circumferential	CA	CN-ISIN3-1592-1.1		Elbow to	80	0.432		
Class B					Pipe				
					· 10-				

C05.051.109

Class B

1SM37-10

Circumferential

CN-1SM-37

SM CN-ISIN3-1593-1.0

CATEGORY C-F-2, Pressure Retaining Welds In

#### **DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT**

#### Carbon Or Low Alloy Steel Piping

Inservice Inspection Database Management System

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Procedure NDE-600 uses the component for

of NDE-600. If PDI-UT-1 is used, then the

calibration block listed shall be used.

0.432 PDI-UT-1-C calibration. Procedure PDI-UT-1 may be used in lieu

Piping W	elds > 1/5 in. Nom Wall f	•	Page 44							
	d <= NPS 4			ervice Insp	ection Plan f	or Interva	al 3 Outage 1	03/19/2007		
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	IAT/SCH [	DIA/THK CAL BLOCKS	COMMENTS		
C05.051.020	1CA73-5		CN-1CA-73	NDE-600	UT	CS	6.000 Component	Procedure NDE-600 uses the component for		
	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1		80	0.432 PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu		
Class B					Elbow to Pipe			of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.		
C05.051.020A	1CA73-5		CN-1CA-73	NDE-25	MT	CS	6.000			
	Circumferential	CA	CN-ISIN3-1592-1.1			80	0.432			
Class B					Elbow to Pipe					
C05.051.021	1CA73-8		CN-1CA-73	NDE-600	UT	CS	6.000 Component	Procedure NDE-600 uses the component for		
	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1		80	0.432 PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu		
Class B					Elbow to Elbow			of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.		
C05.051.021A	1CA73-8		CN-1CA-73	NDE-25	MT	CS	6.000			
	Circumferential	CA	CN-ISIN3-1592-1.1	•		80	0.432			
Class B					Elbow to Elbow					
C05.051.022	1CA73-9		CN-1CA-73	NDE-600	UT	CS	6.000 Component	Procedure NDE-600 uses the component for		
	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1		80	0.432 PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu		
Class B					Elbow to Pipe		-	of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.		
C05.051.022A	1CA73-9		CN-1CA-73	NDE-25	MT	CS	6.000			
	Circumferential	CA	CN-ISIN3-1592-1.1			80	0.432			
Class B	•	-	• .	*.	Elbow to Pipe					
C05.051.108	1SM37-2		CN-1SM-37	NDE-600	UT	CS	6.000 Component	Procedure NDE-600 uses the component for		
	Circumferential	SM	CN-ISIN3-1593-1.0	PDI-UT-1		80	0.432 PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu		
Class B					Pipe to Elbow			of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.		
C05.051.108A	1SM37-2		CN-1SM-37	NDE-25	MT	CS	6.000			
	Circumferential	SM	CN-ISIN3-1593-1.0			80	0.432			
Class B				·	Pipe to					

Elbow

UT

Pipe to

Pipe

CS

80

6.000 Component

**NDE-600** 

PDI-UT-1

**CATEGORY C-F-2, Pressure Retaining Welds In** 

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

**Carbon Or Low Alloy Steel Piping** 

Inservice Inspection Database Management System

Piping Welds > 1/5 in.	Nom Wall for Piping >=
NPS 2 and <= NPS 4	

#### Catawba 1

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	id <= NPS 4	ii ioi Fib		ervice Insp	ection Plan fo	or Inter	val 3 Outa	ge 1	03/19/2007		
ITEM NUMBE		SYS	ISO/DWG NUMBERS	PROC	INSP REQ MA		-	-	COMMENTS		
C05.051.109A Class B	1SM37-10 Circumferential	SM	CN-1SM-37 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Pipe	CS 80	6.000 0.432				
C05.051.110 Class B	1SM-7D-C Circumferential	SM	CN-1SM-37 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT  Nozzle to  Pipe	CS		Component PDI-UT-1-C	Grinnell Piece Mark CT-SM-7D Weld C. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.		
C05.051.110A	1SM-7D-C Circumferential	SM	CN-1SM-37 CN-ISIN3-1593-1.0	NDE-25	MT Nozzle to Pipe	CS	10.000 1.500				
C05.051.111 Class B	1SM-7D-D Circumferential	SM	CN-1SM-37 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Nozzle to Pipe	CS		Component PDI-UT-1-C	Grinnell Piece Mark CT-SM-7D Weld D. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.		
C05.051.111A Class B	1SM-7D-D Circumferential	SM	CN-1SM-37 CN-ISIN3-1593-1.0	NDE-25	MT Nozzle to Pipe	CS	10.000 1.500				
C05.051.113 Class B	1SM32-2 Circumferential	SM	CN-1SM-32 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Pipe	CS 80		Component PDI-UT-1-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.		
C05.051.113A Class B	1SM32-2 Circumferential	SM	CN-1SM-32 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Pipe	CS 80	6.000 0.432				
C05.051.152 Class B	1SV25-5 Circumferential	SV	CN-1SV-25 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Valve 1SV02	CS 4		Component PDI-UT-1-C	Transition from Nozzle (10" x 1.50"). Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.		

Total C05.051 Items:

CATEGORY C	-F-2, Pressure	Retaini	ing Welds In INS	ERVICE IN	SPECTION P	LAN MANA	AGEMENT	•	
Carbon Or Lov	w Alloy Steel P	piping	Inserv	ice Inspect		Plan Report Page 46			
<b>Piping Welds</b>	> 1/5 in. Nom Wa	II for Pip	ing >=						
NPS 2 and <=	03/19/2007								
ITEM NUMBER	ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
C05.051.152A 1S	V25-5		CN-1SV-25	NDE-25	MT	CS	10.000		. ,
Circu	ımferential	sv	CN-ISIN3-1593-1.0				1.500		
Class B					Pipe to				
					Valve 1S\	<b>√</b> 024			

Total C05.061 Items:

**CATEGORY C-F-2, Pressure Retaining Welds In** 

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Carbon Or Low Alloy Steel Piping

Inservice Inspection Database Management System

Socket Welds Catawba 1

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Inse	rvice Insp	pection Plan for Interval 3 Outage 1	
DEDC	PPAC	INCO DEO MATICOLL DIACTUR CAL DI OCKO	COMMENTS

ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ I	MAT/SCH	DIA/THK C	CAL BLOCKS	COMMENTS
C05.061.007	1CA115-10		CN-1CA-115	NDE-600	UT	CS	4.000	Component	Procedure NDE-600 uses the component for
Class B	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1	Pipe to Elbow	80	0.337	PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
C05.061.007A	1CA115-10		CN-1CA-115	NDE-25	MT	CS	4.000		
	Circumferential	CA	CN-ISIN3-1592-1.1			80	0.337		·
Class B					Pipe to Elbow		,		
C05.061.008	1CA124-2		CN-1CA-124	NDE-600	UT	CS	4.000	Component	Procedure NDE-600 uses the component for
	Circumferential	CA	CN-ISIN3-1592-1.1	PDI-UT-1		160	0.531	PDI-UT-1-C	calibration. Procedure PDI-UT-1 may be used in lieu
Class B					Tee to Pipe				of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
C05.061.008A	1CA124-2		CN-1CA-124	NDE-25	MT	CS	4.000		
•	Circumferential	CA	CN-ISIN3-1592-1.1			160	0.531		
Class B					Tee to Pipe				

CATEGORY C-F-2, Pressure Retaining Welds In

DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Carbon Or Low Alloy Steel Piping

Inservice Inspection Database Management System

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Pipe Branch Connections of Branch Piping >=	Catawba 1
NDS 2	Inservice Inspection Plan for Interval

03/19/2007	NPS 2 Inservice Inspection Plan for Interval 3 Outage 1								
	COMMENTS	DIA/THK CAL BLOCKS	MAT/SCH	PROC	S ISO/DWG NUMBERS	SYS	R ID NUMBER	ITEM NUMBE	
		2.000	CS	PT	NDE-35	CN-1CA-100		1CA100-10	C05.070.001
		0.218	80			CN-ISIN3-1592-1.1	CA	Circumferential	
			ling to	Half Coup					Class B
			-	Pipe					
The state of the s	and the second s	2.000	CS	PT	NDE-35	CN-1CA-100		1CA100-11	C05.070.002
,		0.218	80			CN-ISIN3-1592-1.1	ÇA	Circumferential	
			ling to	Half Coup		•			Class B
				Pipe					
		2.000	CS	PT	NDE-35	CN-1CA-115		1CA115-12	C05.070.014
		0.218	80			CN-ISIN3-1592-1.1	CA	Circumferential	
			ling to	Half Coup		·			Class B
				Pipe					

Total C05.070 Items:

3

Total C05 Items:

### CATEGORY C-G, Pressure Retaining Welds In

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Pumps And Valves
Pressure Vessels

Total C06 Items:

Inservice Inspection Database Management System

Catawba 1

Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
**** Welded	Attachments ****							
C06.020.001	1CA-149		CN-ISIN3-1592-1.1	NDE-25	MT	CS	4.000	Valve Body Weld -Valve Numbers in Valve Group
	Circumferential	CA	CNM 1205.00-0467				0.571	1CA-149, 1CA-150, 1CA-151, 1CA-152
Class B					Valve Body Bonnet	y to		
C06.020.004	1ND-28A		CN-ISIN3-1561-1.0	NDE-35	PT	SS	8:000	Valve Body Weld.
	Circumferential	ND	CNM 1205.00-0207				0.572	
Class B					Valve Bod Bonnet	y to		
C06.020.006	1NI-121A		CN-ISIN3-1562-1.2	NDE-35	PT	SS	4.000	Valve Body Weld -Valve Numbers in Valve Group
	Circumferential	NI	CNM 1205.00-0087				0.867	1NI-121A, 1NI-152B.
Class B	÷				Valve Bod Bonnet	y to		•
C06.020.019	1SV-2		CN-1SV-023	NDE-35	PT	SS-CS	9.000	Valve Body Weld - Valve Numbers in Valve Group
	Circumferential	sv	CNM 1205.09-002				1.500	1SV-2, 1SV-3, 1SV-4, 1SV-5, 1SV-6.
Class B					Weld 1AD Base	Valve Inle	t Neck to	
Total C06.0	)20 Items: 4				*			

Piping

## CATEGORY D-A, Welded Attachments For Vessels, Piping, Pumps, And Valves

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

Catawba 1

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Inservice Inspection Plan for Interval 3 Outage 1

ITEM NUMBE	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	AT/SCH	DIA/THK CAL BLOCKS	COMMENTS
**** Welded	d Attachments ****						•	
D01.010.001	1RNSB-SUPPORT Rigid Support		CNM 1218.02-10 CN-ISIN3-1574-1.0	NDE-65	VT-1 Support Plat Strainer	NA e to	0.000 0.250	Nuclear Service Water Strainer 1B Support Welded Attachment.
D01.010.011 Class C	1DGEJWSTPA-SUPPORT Rigid Support		CNM 1301.00-0105 CN-ISIN3-1609-1.0 CNM 1301.00-0106	NDE-65	VT-1 Skirt to Shell	NA	0.000 1.000	Diesel Generator Jacket Water StandPipe 1A Support Welded Attachment.
D01.010.014 Class C	1DGEJWCA-SUPPORT Rigid Support	KD	CNM 1301.00-041 CN-ISIN3-1609-1.0	NDE-65	VT-1 Saddle to Shell	NA	0.000 0.250	Diesel Generator Jacket Water Cooler 1A Support (3 Saddle Supports)Welded Attachments.
D01.010.015 Class C	1LDCA-SUPPORT Rigid Support	LD .	CNM 1301.00-0042 CN-ISIN3-1609-2.0	NDE-65	VT-1 Saddle to Shell	NA	0.000 0.250	Diesel Generator Engine Lube Oil Cooler 1A Support (2 Saddle Supports) Welded Attachments.
D01.010.016 Class C	1LDFB-SUPPORT Rigid Support	LD	CNM 1301.00-140 CN-ISIN3-1609-2.0	NDE-65	VT-1 Skirt to Shell	ŅA	0.000 0.250	Diesel Generator Engine Lube Oil Filter 1B Support Welded Attachment.
D01.010.017 Class C	1LDSA1-SUPPORT Rigid Support	LD	CNM 1301.00-320 CN-ISIN3-1609-2.0	NDE-65	VT-1 Support to Shell	NA	0.000 0.250	Diesel Generator Engine Lube Oil Strainer 1A1 Support Welded Attachment.
D01.010.018 Class C	1LDSTA-SUPPORT Rigid Support	LD	CNM 1301.00-268 CN-ISIN3-1609-2.0	NDE-65	VT-1 Support Sac Shell	NA Idle to	0.000 0.250	Diesel Generator Engine Lube Oil Sump Tank 1A Support (2 Saddle Supports) Welded Attachments.
D01.010.031 Class C	1KCHXB-SUPPORT Rigid Support	KC	CNM 1201.06-51 CN-ISIN3-1573-1.0	NDE-65	VT-1 Saddle to Shell	NA	0.000 0.500	Component Cooling Heat Exchanger 1B Support (4 Saddle Supports) Welded Attachments.

## CATEGORY D-A, Welded Attachments For Vessels, Piping, Pumps, And Valves

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

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<b>1</b>	
Pinina	
Piping	

Catawba 1

Inservice Inspection Plan for Interval 3 Outage 1

			1113	ci vice iiisp	ection i lan	ioi mitei	vai 5 Outage 1	
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	//AT/SCH	DIA/THK CAL BLOCKS	COMMENTS
D01.010.032	1KCSTA-SUPPORT	· · · · · ·	CNM 1148.00-86	NDE-65	VT-1	NA	0.000	Component Cooling Surge Tank 1A Support (2
	Rigid Support	KC	CN-ISIN3-1573-1.1				0.500	Saddle Supports) Welded Attachments.
Class C					Saddle to			·
				•	Shell		•	
D01.010.041	1KFHXA-SUPPORT		CNM 1201.06-54	NDE-65	VT-1	NA	0.000	Fuel Pool Cooling Heat Exchanger 1A Support (4
•	Rigid Support	KF	CN-ISIN3-1573-1.0				0.500	Saddle Supports) Welded Attachments.
Class C					Saddle to			
					Shell			9
Total D01.0	10 Items: 10							

### **CATEGORY D-A, Welded Attachments For** Vessels, Piping, Pumps, And Valves

**DUKE ENERGY CORPORATION** INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

Catawba 1

<u>Pumps</u>

Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH	H DIA/THK CAL BLO	OCKS COMMENTS
**** Welded	Attachments ****						
D01.020.001	1-R-CA-0178		CN-1492-CA015	NDE-65	VT-1 NA	8.000	Examine with F01.030.007.
	Rigid Support	CA	CN-ISIN3-1592-1.1			1.000	
Class C				•			
Total D01.0	20 Items: 1						

## CATEGORY D-A, Welded Attachments For Vessels, Piping, Pumps, And Valves

12

INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

**DUKE ENERGY CORPORATION** 

Catawba 1

<u>Valves</u>

Total D01 Items:

Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMB	ER ID NUMBER	SYS	S ISO/DWG NUMBERS	PROC	INSP REQ MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
**** Welde	d Attachments ****		•		•		
D01.030.001	1RNPA-SUPPORT		CNM 1201.05-122	NDE-65	VT-1 NA	0.000	Nuclear Service Water Pump 1A Support Welded
	Rigid Support	RN	CN-ISIN3-1574-1.2			0.250	Attachment.
Class C					Stiffeners to		Examine with F01.040.205.
					Pump Casing		
Total D01.	030 Items: 1						, a

Class A

### **CATEGORY F-A, Supports**

Class 1 Piping Supports

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

Catawba 1

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			ins	ervice Insp	ection Plan	for Inter	val 3 Outage 1		03/19/2007
ITEM NUMB	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ I	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
**** Catego	ory A, One-Directional ***	*							
F01.010.054	1-R-NI-1218		CN-1491-NI015	NDE-66	VT-3	NA	10.000		
	Rigid Support	NI	CN-ISIN3-1562-1.3				0.000		
Class A									
F01.010.055	1-R-NI-1220	,	CN-1491-NI015	NDE-66	VT-3	NA	6.000		
101.010.055	Rigid Support	NI	CN-ISIN3-1562-1.3	NDL-00	V 1-3	-	0.000	· · ·	•
Class A	riigid dappoit	141	014-101140-1002-1.0				0.000		
0140071									
F01.010.056	1-R-NI-1257	mage	CN-1491-NI026	NDE-66	VT-3	NA	6.000		
	Rigid Support	NI	CN-ISIN3-1562-1.1				0.000		·
Class A									
Total F01.0	010 Items: 3								
**** Catego	ory B, Multi-Directional *	***	•						
F01.011.051	1-R-NI-1221		CN-1491-NI015	NDE-66	VT-3	NA	6.000		
	Rigid Restraint	NI	CN-ISIN3-1562-1.3				0.000		
Class A									
Total F01.0	011 Items: 1								
**** Catego	ory C, Thermal Movemen	it ****							
F01.012.001	1-R-NC-1619		CN-1491-NC015	NDE-66	VT-3	NA	3.000		
	Mech Snubber	NC	CN-ISIN3-1553-1.1				0.000		
Class A									
F01.012.002	1-R-NC-1635		CN-1491-NC015	NDE-66	VT-3	NA	3.000		
	Mech Snubber	NC	CN-ISIN3-1553-1.1				0.000		
Class A									
F01.012.003	1-R-NC-1636		CN-1491-NC015	NDE-66	VT-3	NA	3.000		
	Mech Snubber	NC	CN-ISIN3-1553-1.1				0.000		

### **CATEGORY F-A, Supports**

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

Class 1 Piping Supports

Total F01.012 Items:

9

Catawba 1

Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBI	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ I	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
F01.012.004	1-R-NC-1637		CN-1491-NC015	NDE-66	VT-3	NA	3.000	
	Mech Snubber	NC	CN-ISIN3-1553-1.1				0.000	
Class A								
F01.012.005	1-R-NC-1620		CN-1491-NC016	NDE-66	VT-3	NA	3.000	
	Mech Snubber	NC	CN-ISIN3-1553-1.1		., •	, , , , ,	0.000	
Class A								
F01.012.006	1-R-NC-1621		CN-1491-NC016	NDE-66	VT-3	NA	3.000	
	Mech Snubber	NC	CN-ISIN3-1553-1.1			, .	0.000	
Class A								
			=1					
F01.012.007	1-R-NC-1622		CN-1491-NC016	NDE-66	VT-3	NA	3.000	
	Mech Snubber	NC	CN-ISIN3-1553-1.1				0.000	
Class A								
F01.012.052	1-R-NI-1219		CN-1491-NI015	NDE-66	VT-3	NA	10.000	
	Mech Snubber	NI					0.000	·
Class A		·						
F01.012.053	1-R-NI-1232		CN-1491-NI015	NDE-66	VT-3	 NA	6.000	
,	Spring Hgr	NI		-			0.000	
Class A	. 5 5						•	
100000000000000000000000000000000000000								

### **CATEGORY F-A, Supports**

Class 2 Piping Supports

### **DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT**

Inservice Inspection Database Management System

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Inservice Inspection Plan for Interval 3 Outage 1

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			,		out out it ide.		rai o oatago .		
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
**** Catego	ry A, One-Directional ****								•
F01.020.022	1-R-FW-0123		CN-1492-FW021	NDE-66	VT-3	NA	12.000		
	Rigid Support	FW	CN-ISIN3-1571-1.0				0.000		
Class B					*				
F01.020.031	1-R-ND-0360		CN-1492-ND001	NDE-66	VT-3	NA	14.000		
F01.020.031	Rigid Support	ND	CN-ISIN3-1561-1.0	NDE-00	V 1-3	INA .	0.000		
Class B	riigid Support	IND	011-101110-1301-1.0				0.000		
0.435									
F01.020.032	1-R-ND-0371		CN-1492-ND001	NDE-66	VT-3	NA	14.000		
	Rigid Support	ND	CN-ISIN3-1561-1.0				0.000		•
Class B									•
								and the second of the second o	To proceed the distribution of the contract of
F01.020.033	1-R-ND-0372	ND	CN-1492-ND001	NDE-66	VT-3	NA	18.000 0.365		
Class B	Rigid Support	ND	CN-ISIN3-1561-1.0				0.365		
Class D									
F01.020.034	1-R-ND-0376		CN-1492-ND002	NDE-66	VT-3	NA	12.000		
	Rigid Support	ND	CN-ISIN3-1561-1.0				0.000	•	
Class B									
	nne siden i i i i i i i i i i i i i i i i i i i		and the state of t				THE TAXABLE WAS TRUE OF THE TAXABLE ASSESSMENT OF THE TAXABLE ASSESSMENT OF THE TAXABLE ASSESSMENT OF THE TAXAB		
F01.020.035	1-R-ND-0377		CN-1492-ND002	NDE-66	VT-3	NA	12.000		
	Rigid Support	ND	CN-ISIN3-1561-1.0				0.000		
Class B								·	
F01.020.036	1-R-ND-0411		CN-1492-ND002	NDE-66	VT-3	NA	12.000		
101.020.000	Rigid Support	ND	CN-ISIN3-1561-1.0	.102 00	, ,,,,	1 47 1	0.000		
Class B	enge tipper								
F01.020.061	1-R-NI-0003		CN-1491-NI018	NDE-66	VT-3	NA	18.000		
	Rigid Support	NI	CN-ISIN3-1562-1.3				0.750		
Class B									

### **CATEGORY F-A, Supports**

Class 2 Piping Supports

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

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Inservice Inspection Plan for Interval 3 Outage 1

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			ins	ervice insp	pection Plar	n for Intel	rval 3 Outage 1		03/19/2007
ITEM NUMBE	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	S COMMENTS	
F01.020.070	1-R-NI-0068	•	CN-1492-NI010	NDE-66	VT-3	NA	6.000		,
	Rigid Support	NI	CN-ISIN3-1562-1.2				0.000		
Class B									
F01.020.071	1-R-NI-0076		CN-1492-NI010	NDE-66	VT-3	NA	6.000		
	Rigid Support	NI	CN-ISIN3-1562-1.2				0.000		
Class B									
F01.020.072	1-R-NI-0072		CN-1492-NI011	NDE-66	VT-3	NA	6.000		
	Rigid Support	NI	CN-ISIN3-1562-1.2				0.000		
Class B									
F01.020.073	1-R-NI-0073		CN-1492-NI011	NDE-66	VT-3	NA	6.000		
	Rigid Support	NI	CN-ISIN3-1562-1.2				0.000		
Class B						•			
F01.020.074	1-R-NI-0074		CN-1492-NI011	NDE-66	VT-3	NA	6.000		
101.020.074	Rigid Support	NI	CN-ISIN3-1562-1.2	NDL-00	V 1-5	NA	0.000		
Class B	, was a cupport		017 101110 1002 112						
F01.020.075	1-R-NI-0075	<b>5</b> 11	CN-1492-NI011	NDE-66	VT-3	NA	6.000 0.000		
Class B	Rigid Support	NI	CN-ISIN3-1562-1.2				0.000		
Class D									
F01.020.143	1-R-NV-1328		CN-1491-NV003	NDE-66	VT-3	NA	2.000		
	Rigid Support	NV	CN-ISIN3-1554-1.5				0.000		
Class B									
F01.020.144	1-R-NV-1329		CN-1491-NV003	NDE-66	VT-3	NA NA	2.000		
•	Rigid Support	NV	CN-ISIN3-1554-1.5		•		0.000	•	
Class B	•					•			
F01.020.145	1-R-NV-1509		CN-1491-NV003	NDE-66	VT-3	NA	2.000		
	Rigid Support	NV	CN-ISIN3-1554-1.5				0.000		
Class B									

### **CATEGORY F-A, Supports**

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

Class 2 Piping Supports Catawba 1

Inservice Inspection Plan for Interval 3 Outage 1

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			ins	ervice insp	ection Plan	for inter	val 3 Outage 1	•	03/19/2007
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	·
F01.020.146	1-R-NV-1510		CN-1491-NV003	NDE-66	VT-3	NA	2.000		And the state of t
	Rigid Support	NV	CN-ISIN3-1554-1.5				0.000		
Class B									
F01.020.148	1-R-NV-1212		CN-1491-NV010	NDE-66	VT-3	NA	2.000		
	Rigid Support	NV	CN-ISIN3-1554-1.5				0.000		
Class B									
F01.020.149	1-R-NV-2156		CN-1491-NV010	NDE-66	VT-3	NA	2.000		
	Rigid Support	NV	CN-ISIN3-1554-1.5				0.000		•
Class B									
F01.020.151	1-R-NV-1284		CN-1491-NV018	NDE-66	VT-3	NA	2.000		
	Rigid Support	NV	CN-ISIN3-1554-1.5				0.000		
Class B									
F01.020.152	1-R-NV-1429		CN-1491-NV018	NDE-66	VT-3	NA	2.000	and the commentation of the last separate to the contract of t	
	Rigid Support	NV	CN-ISIN3-1554-1.5				0.000		
Class B									
F01.020.154	1-R-NV-0519		CN-1492-NV044	NDE-66	VT-3	NA	6.000	e e e e e e e e e e e e e e e e e e e	,
	Rigid Support	NV	CN-ISIN3-1554-1.7				0.216		
Class B	•								
F01.020.161	1-R-NV-0563		CN-1492-NV095	NDE-66	VT-3	NA	2.000		
	Rigid Support	NV	CN-ISIN3-1554-1.5				0.250		
Class B	•				•				
F01.020.203	1-R-SM-1572		CN-1491-SM029	NDE-66	VT-3	NA	34.000	and the state of t	
	Rigid Support	SM	CN-ISIN3-1593-1.0				0.750		
Class B									
F01.020.204	1-R-SM-1574		CN-1491-SM029	NDE-66	VT-3	NA	34.000	Control to the second of the s	The state of the s
	Rigid Support	SM	CN-ISIN3-1593-1.0				0.750	•	
Class B									•

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

Class 2 Piping Supports

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Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBE	ER ID NU	MBER SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	•	
Total F01.0	20 Items:	26								1,10 100 100 100 100 100 1 10 100 100 10
**** Catego	ry B, Multi-Dir	ectional ****	-							
F01.021.074	1-R-NI-0067		CN-1492-NI010	NDE-66	VT-3	NA	6.000		,	, at 100 11 11 11 11 11 11 11 11 11 11 11 11
-	Rigid Restraint	NI	CN-ISIN3-1562-1.2				0.000			
Class B						٠.				
F04 004 404	1 D NO 1001		ON 4404 NO040	NDF 00	1/7-0					
F01.021.101	1-R-NS-1201	NO	CN-1491-NS012	NDE-66	VT-3	NA	8.000 0.000			
Class D	Rigid Restraint	N5	CN-ISIN3-1563-1.0				0.000			
Class B										
F01.021.102	1-R-NS-1202		CN-1491-NS012	NDE-66	VT-3	NA	8.000			A 18 1 18 18 18 18 18 18 18 18 18 18 18 1
	Rigid Restraint		CN-ISIN3-1563-1.0	NBL 00	***	1471	0.000		•	
Class B	,g.a ,a	,,,,								
F01.021.103	1-R-NS-1203		CN-1491-NS012	NDE-66	VT-3	NA	8.000			CEPENSAL E NO ANNO COMPANY OFFICE AND
	Rigid Restraint	NS	CN-ISIN3-1563-1.0				0.000			
Class B										
	THE RESERVE OF THE PARTY OF THE PARTY OF THE PARTY.						and the second s			
F01.021.104	1-R-NS-1204		CN-1491-NS012	NDE-66	VT-3	NA	8.000			
	Rigid Restraint	NS	CN-ISIN3-1563-1.0				0.000			
Class B										
			011 + 104 + 100 + 10			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
F01.021.105	1-R-NS-1205		CN-1491-NS012	NDE-66	VT-3	NA	8.000 0.000			
Class B	Rigid Restraint	NS	CN-ISIN3-1563-1.0				0.000			
Class b										
F01.021.106	1-R-NS-1206		CN-1491-NS012	NDE-66	VT-3	NA	8.000		autor with the control of the contro	, market 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	Rigid Restraint		CN-ISIN3-1563-1.0				0.000			
Class B										,
				HI RELIEV - R						
F01.021.144	1-R-NV-1511		CN-1491-NV003	NDE-66	VT-3	NA	2.000			
	Rigid Restraint	NV	CN-ISIN3-1554-1.5				0.000			
Class B								i.		

Class 2 Piping Supports

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

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Inservice Inspection Database Management System

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		·	Ins	ervice Insp	ection Plan	for Interv	val 3 Outage 1		03/19/2007
ITEM NUMB	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS	
F01.021.156	1-R-NV-1211 Rigid Restraint	NIV	CN-1491-NV010 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA	2.000 0.000		
Class B	r ngia riestrami		014-101140-1004-1.0				0.000	1.	
F01.021.157	1-R-NV-1967		CN-1491-NV010	NDE-66	VT-3	NA	2.000		
Class B	Rigid Restraint	NV	CN-ISIN3-1554-1.5				0.000		
F01.021.158	•		CN-1491-NV010	NDE-66	VT-3	NA	2.000		
Class B	Rigid Restraint	NV	CN-ISIN3-1554-1.5				0.000	•	
									· · · · · · · · · · · · · · · · · · ·
F01.021,164	1-R-NV-1279 Rigid Restraint	NV	CN-1491-NV018 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA	2.000 0.000	•	
Class B	<b>3</b>								
Total F01.0	021 Items: 12						, .		THE RESIDENCE AND ADDRESS OF THE PARTY OF THE BEAUTY AND ADDRESS OF THE PARTY OF THE BEAUTY AND ADDRESS OF THE PARTY OF THE BEAUTY ADDRESS OF THE PARTY OF THE PARTY OF THE BEAUTY ADDRESS OF THE PARTY OF THE PARTY OF THE BEAUTY ADDRESS OF THE PARTY OF THE
**** Catego	ory C, Thermal Movemer	nt ****						and the second s	<u> </u>
F01.022.012		05	CN-1491-CF001	NDE-66	VT-3	NA	18.000		
Class B	Spring Hgr	CF	CN-ISIN3-1591-1.1				0.000	·	
F01.022.013	1-R-CF-1562		CN-1491-CF001	NDE-66	VT-3	NA	18.000		
Class B	Mech Snubber	CF	CN-ISIN3-1591-1.1				0.000		
0,000						÷		•	•
F01.022.022			CN-1492-FW001	NDE-66	VT-3	NA	24.000	Mechanical Snubbers (2)	THE RESERVE TO THE PERSON NAMED OF THE PERSON NAMED IN COLUMN TO T
Class B	Mech Snubber	FW	CN-ISIN3-1571-1.0				0.500		
F01.022.031	1-R-ND-0226		CN-1492-ND004	NDE-66	VT-3	NA	8.000	Examine with C03.020.032.	
	Mech Snubber	ND	CN-ISIN3-1561-1.0				0.216		
Class B									

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

Class 2 Piping Supports

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Class 2	Piping Supports				Calawba	'	•	i age of
			Inse	ervice Insp	03/19/2007			
ITEM NUMB	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
F01.022.032	1-R-ND-0396		CN-1492-ND004	NDE-66	VT-3	NA	8.000	
	Spring Hgr	ND	CN-ISIN3-1561-1.0				0.000	
Class B								
F01.022.061	1-R-NI-0174		CN-1492-NI009	NDE-66	VT-3	NA	2.000	
Ol D	Mech Snubber	NI	CN-ISIN3-1562-1.2				0.000	
Class B								
F01.022.091	1-R-NS-0030		CN-1492-NS003	NDE-66	VT-3	NA	10.000	and the second of the second o
101.022.001	Mech Snubber	NS	CN-ISIN3-1563-1.0	1102 00	V 1-5	NA	0.000	
Class B	WOOT CHADDO	. ,,,	CH 101110 1000 1.0					
	•							
F01.022.141	1-R-NV-2155		CN-1491-NV010	NDE-66	VT-3	NA	2.000	
	Mech Snubber	NV	CN-ISIN3-1554-1.5				0.000	
Class B								
		,						
F01.022.142			CN-1491-NV018	NDE-66	VT-3	NA	2.000	
	Mech Snubber	NV	CN-ISIN3-1554-1.5				0.000	
Class B								
F01.022.207	1-R-SM-1569		CN-1491-SM029	NDE-66	VT-3	NA	34.000	
FU1.022.207	Mech Snubber	SM	CN-ISIN3-1593-1.0	NDE-00	V 1-3	NA	0.000	
Class B	Mech Shubber	Sivi	ON-101103-1030-1.0				0.000	
0.000			,		•			
F01.022.208	1-R-SM-1570		CN-1491-SM029	NDE-66	VT-3	NA	34.000	Welded Attachment Is Exempt Per PIP C-04-5257.
	Mech Snubber	SM	CN-ISIN3-1593-1.0				0.750	·
Class B								
								,
F01.022.209	1-R-SM-1583		CN-1491-SM030	NDE-66	VT-3	NA	34.000	
	Mech Snubber	SM	CN-ISIN3-1593-1.0				0.000	
Class B								•
							and the analysis of the same o	
F01.022.210			CN-1491-SM030	NDE-66	VT-3	NA	34.000	Welded Attachment Is Exempt Per PIP C-04-5257.
Class D	Mech Snubber	SM	CN-ISIN3-1593-1.0				0.750	
Class B								

**CATEGORY F-A, Supports** 

Class 2 Piping Supports

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

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Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBER

**ID NUMBER** 

SYS ISO/DWG NUMBERS

PROC

INSP REQ MAT/SCH DIA/THK CAL BLOCKS

COMMENTS

Total F01.022 Items:

13

Class 3 Piping Supports

**** Category C, Thermal Movement ****

### **DUKE ENERGY CORPORATION** INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

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Inservice Inspection Plan for Interval 3 Outage 1

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			***		- <del> </del>			
ITEM.NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ I	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
**** Categor	y A, One-Directional ****	*						
F01.030.007	1-R-CA-0178		CN-1492-CA015	NDE-66	VT-3	NA	8.000	Examine with D01.020.001
	Rigid Support	CA	CN-ISIN3-1592-1.1				1.000	
Class C			4					
F01.030.008	1-R-CA-0196		CN-1492-CA015	NDE-66	. VT-3	NA	6.000	
	Rigid Support	CA	CN-ISIN3-1592-1.0				0.000	
Class C	,							
F01.030.009	1-R-CA-0286		CN-1492-CA015	NDE-66	VT-3	NA	8.000	
	Rigid Support	CA	CN-ISIN3-1592-1.0	NDL-00	V 1-3	INA	0.000	
Class C	riigio oapport	0/1	014 101140 1002 10					
	•							
F01.030.107	1-R-KD-0054		CN-1493-KD057	NDE-66	VT-3	NA	8.000	
	Rigid Support	KD	CN-ISIN3-1609-1.0				0.000	
Class C								
F04 000 005	4 D MM 0040		ON 4400 MM007	NDE 00			40.000	
F01.030.225	1-R-VN-0046	\	CN-1493-VN007 CN-ISIN3-1609-5.0	NDE-66	VT-3	NA	42.000 0.000	
Class C	Rigid Support	VIN	CN-151N3-1609-5.0				0.000	
Class C								
Total F01.03	30 Items: 5						THE THEOREM IS NOT THE OWNER OF THE PROPERTY OF THE PARTY	The state of the s
**** Categor	ry B, Multi-Directional ***	**		•				
F01.031.001	1-R-CA-0001		CN-1492-CA022	NDE-66	VT-3	NA	10.000	
	Rigid Restraint	CA	CN-ISIN3-1592-1.0				0.000	
Class C								
	values of the second of the se						·	manana ang panganananan ang ang ang ang ang ang ang
F01.031.201	1-R-TE-1500		CN-1491-TE001	NDE-66	VT-3	NA	12.000	
	Rigid Restraint	TE	CN-ISIN3-1593-1.2				0.000	
Class C								
Total F01.03	31 Items: 2			1 1111-000-104-1-101-1-1-1-1-1-1-1-1-1-1-1		** ** ** **		

### **CATEGORY F-A, Supports**

Class 3 Piping Supports

1

Total F01.032 Items:

## DUKE ÈNERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT Inservice Inspection Database Management System

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	Inservice Inspection Plan for Interval 3 Outage 1											2007
ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL	BLOCKS	COMMENTS			
F01.032.151	1-R-RN-0073		CN-1492-RN077	NDE-66	VT-3	NA	42.000					
	Mech Snubber	RN	CN-ISIN3-1574-1.1				0.000	•."				
Class C												

Supports Other Than Piping Supports

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

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Inservice Inspection Plan for Interval 3 Outage 1

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ITEM NUMBE	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
**** Class 1	I, 2, and 3 ****							-
F01.040.100 Class B	1CCPA-SUPPORT Rigid Support	NV	CNM 1201.05-144 CN-ISIN3-1554-1.7	NDE-66	VT-3	NA	0.000 0.000	Centrifugal Charging Pump 1A Support
F01.040.102 Class B	1NSPA-SUPPORT Rigid Support	NS	CNM 1201.05-126 CN-ISIN3-1563-1.0	NDE-66	VT-3	NA	0.000 0.000	Containment Spray Pump 1A Support (4 Legs).
F01.040.105 Class B	1RHRPA-SUPPORT Rigid Support	ND	CNM 1201.05-289 CN-ISIN3-1561-1.0	NDE-66	VT-3	NA	0.000 1.000	Residual Heat Removal Pump 1A Support.
F01.040.114 Class B	1SWRF-SUPPORT Rigid Support	NV	CNM 1201.04-078 CN-ISIN3-1554-1.6	NDE-66	VT-3	SS	0.000 0.250	Seal Water Return Filter Support Legs.
F01.040.201 Class C	1KCHXB-SUPPORT Rigid Support	KC	CNM 1201.06-51 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA	0.000 0.500	Component Cooling Heat Exchanger 1B Support.
F01.040.203 Class C	1KFHXA-SUPPORT Rigid Support	KF	CNM 1201.06-54 CN-ISIN3-1570-1.0	NDE-66	VT-3	NA	0.000 0.500	Fuel Pool Cooling Heat Exchanger 1A Support (2 Saddle Supports).
F01.040.204 Class C	1LDFB-SUPPORT Rigid Support	LD	CNM 1301.00-140 CN-ISIN3-1609-2.0	NDE-66	VT-3	NA	0.000 0.250	Diesel Generator Engine Lube Oil Filter 1B Support Skirt.
F01.040.205	1RNPA-SUPPORT Rigid Support	RN	CNM 1201.05-122 CN-ISIN3-1574-1.0	NDE-66	VT-3	NA	0.000 0.250	Nuclear Service Water Pump 1A Support. Examine with D01.030.001.

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

Supports Other Than Piping Supports

Catawba 1

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			Ins	ervice Insp	03/19/2007			
ITEM NUMBE	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	//AT/SCH	DIA/THK CAL BLOCKS	COMMENTS
F01.040.206	1RNSB-SUPPORT		CNM 1218.02-10	NDE-66	VT-3	NA	0.000	Nuclear Service Water Strainer 1B Support.
	Rigid Support	RN	CN-ISIN3-1574-1.2	•			0.250	
Class C								
F01.040.208	1DGEJWCA-SUPPORT		CNM 1301.00-041	NDE-66	VT-3	NA	0.000	Diesel Generator Engine Jacket Water Cooler 1A
	Rigid Support	VN	CN-ISIN3-1609-1.0				0.250	Support
Class C			·				•	(3 Saddle Supports).
F01.040.209	1KCSTA-SUPPORT		CNM 1148.00-86	NDE-66	VT-3	NA	0.000	Component Cooling Surge Tank 1A Support
	Rigid Support	KC	CN-ISIN3-1573-1.1				0.500	(2 Saddle Supports).
Class C								
F01.040.210	1LDCA-SUPPORT		CNM 1301.00-042	NDE-66	VT-3	NA	0.000	Diesel Generator Engine Lube Oil Cooler 1A
	Rigid Support	LD	CN-ISIN3-160-2.0				0.250	Support
Class C								(2 Saddle Supports).
F01.040.211	1LDSA1-SUPPORT		CNM 1301.00-320	NDE-66	VT-3	NA	0.000	Diesel Generator Engine Lube Oil Strainer 1A1
	Rigid Support	LD	CN-ISIN3-1609-2.0				0.250	Support.
Class C				<i></i>				
F01.040.212	1LDSTA-SUPPORT		CNM 1301.00-268	NDE-66	VT-3	NA	0.000	Diesel Generator Engine Lube Oil Sump Tank 1A
	Rigid Support	LD	CN-ISIN3-1609-2.0				0.250	Support (2 Saddle Supports).
Class C					·			
F01.040.215	1DGEJWSTPA-SUPPORT		CNM 1301.00-0105	NDE-66	VT-3	NA	0.000	Diesel Generator Engine Jacket Water StandPipe
	Rigid Support	KD	CN-ISIN3-1609-1.0				1.000	1A Support .
Class C			CNM 1301.00-0106					
F01.040.219	1DGEA-SUPPORT		CNM 1301.00-0004	NDE-66	VT-3	NA	0.000	Diesel Generator Engine 1A Support including
	Rigid Support	KD	CN-ISIN3-1609-1.0				0,000	Turbocharger / Aftercooler / Engine Jacket / Engine
Class C			CNM 1301.00-0001				•	Driven Lube Oil Pump.
F01.040.220	1WEPECA-SUPPORT		CNM 1208.02-0003	NDE-66	VT-3	NA	0.000	Waste Evaporator Package Evaporator Condenser
	Rigid Support	WL	CN-ISIN3-1573-1.6				0.000	A Support.
Class C	•							

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

Supports Other Than Piping Supports

#### Catawba 1

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ITEM NUMBE	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ I	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
F01.040.221	1REPECA-SUPPORT		CNM 1208.02-0003	NDE-66	VT-3	NA	0.000	Recyle Evaporator Package Evaporator Condenser
	Rigid Support	NB	CN-ISIN3-1573-1.6				0.000	A Support.
Class C								
F01.040.222	1CRACWP-SUPPORT		CNM 1201.05-0260	NDE-66	VT-3	NA	0.000	Control Room Area Chill Water Pump Unit 1
	Rigid Support	YC	CN-ISIN3-1578-2.0				0.250	Support.
Class C	•		·				•	
F01.040.223	1CRAAHU-SUPPORT		CNM 1211.00-0155	NDE-66	VT-3	NA	0.000	Control Room Area Air Handling Unit for Unit 1
	Rigid Support	YC	CN-ISIN3-1578-2.2				0.250	Support.
Class C								
F01.040.224	1CRAHU-SUPPORT		CNM 1211.00-0177	NDE-66	VT-3	NA	0.000	Control Room Air Handling Unit for Unit 1 Support.
	Rigid Support	YC	CN-ISIN3-1578-2.4				0.000	- · · · · · · · · · · · · · · · · · · ·
Class C			CNM 1211.00-0178					

Total F01.040 Items:

21

Total F01 Items:

93

### **DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT**

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ITEM NUMBER	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ N	MAT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
G02.001.001 Class B	1SM22-01 Circumferential	SM	CN-1SM-022 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Valve 1SM0	CS 003		Component PDI-UT-1-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.001A Class B	1SM22-01 Dircumferential	SM	CN-1SM-022 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Valve 1SM0	CS 003	34.000 2.375		
G02.001.002 Class B	1SM22-02 Dircumferential	SM	CN-1SM-022 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Valve 1SM0 Pipe	CS 003 to		Component PDI-UT-1-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.002A Class B	1SM22-02 Circumferential	SM	CN-1SM-022 CN-ISIN3-1593-1.0	NDE-25	MT Valve 1SM0 Pipe	CS 003 to	34.000 2.375		
G02.001.003 Class B	1SM-7C-A Circumferential	SM	CN-1SM-022 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Pipe	CS		Component PDI-UT-1-C	Grinnell Piece Mark CT-SM-7C Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.003A Class B	1SM-7C-A Circumferential	SM	CN-1SM-022 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Pipe	CS	34.000 2.375		Grinnell Piece Mark CT-SM-7C Weld A.
G02.001.004 Class B	1SM22-06 Circumferential	SM	CN-1SM-022 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Pipe	CS		Component PDI-UT-1-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.004A (Class B	1SM22-06 Circumferential	SM	CN-1SM-022 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Pipe	CS	34.000 2.375		

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

Inservice Inspection Database Management System

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### Inservice Inspection Plan for Interval 3 Outage 1

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			Ins	ervice Insp	ection Plan f	or Inter	val 3 Outage 1		03/19/2007
ITEM NUMBE	ER ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	AT/SCH	DIA/THK CAL BLO	ocks	COMMENTS
G02.001.005 Class B	1SM-6C-A Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Elbow	CS	34.000 Comp 1.750 PDI-U		Grinnell Piece Mark CT-SM-6C Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.005A Class B	A 1SM-6C-A Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Elbow	CS	34.000 1.750		Grinnell Piece Mark CT-SM-6C Weld A.
G02.001.006 Class B	1SM23-01 Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Elbow	CS	34.000 Comp 1.750 PDI-U		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.006A Class B	A 1SM23-01 Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Elbow	CS	34.000 1.750		
G02.001.007 Class B	1SM23-02 Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Elbow	CS	34.000 Comp 1.750 PDI-U		Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.007A	A 1SM23-02 Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Elbow	CS	34.000 1.750		
G02.001.008 Class B	1SM-4C-C Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Elbow	CS	34.000 Comp 1.750 PDI-U		Grinnell Piece Mark CT-SM-4C Weld C. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.008A	A 1SM-4C-C Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Elbow	CS	34.000 1.750		Grinnell Piece Mark CT-SM-4C Weld C.

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

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ M	MAT/SCH	DIA/THK C	AL BLOCKS	COMMENTS
G02.001.009 Class B	1SM-4C-B Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Elbow	CS		Component PDI-UT-1-C	Grinnell Piece Mark CT-SM-4C Weld B. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.009A	A 1SM-4C-B Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Elbow	ĊS	34.000 1.750		Grinnell Piece Mark CT-SM-4C Weld B.
G02.001.010 Class B	1SM-4C-A Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Elbow	CS		Component PDI-UT-1-C	Grinnell Piece Mark CT-SM-4C Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.010A	1SM-4C-A Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Elbow	CS	34.000 1.750		Grinnell Piece Mark CT-SM-4C Weld A.
G02.001.011 Class B	1SM23-03 Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-600 PDI-UT-1	UT Pipe to Pipe	CS		Component PDI-UT-1-C	Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used, then the calibration block listed shall be used.
G02.001.011A	A 1SM23-03 Circumferential	SM	CN-1SM-023 CN-ISIN3-1593-1.0	NDE-25	MT Pipe to Pipe	CS	34.000 1.750		

Total G02.001 Items:

22

Total G02 Items:

22

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ITEM NUMBE	ER ID NUMBE	R SYS	ISO/DWG NUMBERS	PROC	INSP REC	MAT/SCH I	DIA/THK CAL BLOCKS	COMMENTS
G05.001.001 Class A	RPV-HEAD-PEN Circumferential	NC	CN-ISIN3-1553-1.0 CNM 1201.01-105	See Com	UT	CS-Inconel CS-Inconel	0.000 0.000	RPV Head Penetration Nozzles (Nozzle Base Material) per NRC Order EA-03-009 including an assessment by ultrasonic testing to determine if leakage has occurred into or a leak path exists in the interference fit zone, defined by the annulus between the RPV head penetration nozzle and the RPV head low alloy steel.  Vendor and special equipment required.  Examinations to be done within five (5) years of 2/11/2003, and thereafter at least every four (4) refueling outages or seven (7) years, whichever occurs first. The inspections will begin in EOC-16. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequencies stipulated above. (For responsible individual, contact R. L. Doss and Reactor Vessel Engineering/Materials Group. Reference NRC Order EA-03-009. Inspect during EOC-16 and EOC-20 (3rd Interval), and EOC-24 and EOC-28 (4th Interval).  Use AREVA Procedures 54-ISI-603-000 and 54-ISI-604-000. Revised NRC Order EA-03-009 requires reporting results 60 days after restart of
								unit.
G05.001.002 Class A	RPV-HEAD-PEN Circumferential	NC	CN-ISIN3-1553-1.0 CNM 1201.01-105	See Com	VT-2	CS-Inconel	0.000	Bare metal visual examination of 100% of the reactor pressure vessel head surface (including 360 degrees around each RPV head penetration nozzle). MP/0/A/7150/042D Reactor Vessel Head Penetration Visual Inspection. Examination to be done at least every three (3) refueling outages or five (5) years, whichever occurs first. The inspections will begin in EOC-16. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequencies stipulated above. (For responsible individual, contact J. M. Shuping and Reactor Vessel Engineering/Materials Group). Reference NRC Order EA-03-009. This examination will utilize a site specific procedure and

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

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Group. Reference NRC Order EA-03-009. Inspect during EOC-16 and EOC20 (3rd Interval), and

EOC-24 and EOC28 (4th Interval).

03/19/2007 Inservice Inspection Plan for Interval 3 Outage 1 ITEM NUMBER **ID NUMBER** SYS ISO/DWG NUMBERS PROC INSP REQ MAT/SCH DIA/THK CAL BLOCKS COMMENTS methods stipulated by the reactor vessel responsible engineer. Revised NRC Order EA-03-009 requires reporting results 60 days after restart of unit. Inspect during EOC-16, and EOC-19 (3rd Interval), EOC-22, EOC-25 and EOC-28 (4th Interval). G05.001.003 RPV-HEAD-VENT-NOZZLE-UT See Com UT CS-Inconel 1.280 RPV Head Vent Line Nozzle to Head Weld. 0.250 Ultrasonically examine from the inside of the RPV NC CN-ISIN3-1553-1.0 Head (Use AREVA Procedure 54-ISI-605-000). Class A CNM 1201.01-105 Examinations to be done within five (5) years of 2/11/2003, and thereafter at least every four (4) refueling outages or seven (7) years, whichever occurs first. The inspections will begin in EOC16. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequences stipulated above. Vendor and special equipment required. (For responsible individual, contact J.M. Shuping and Reactor Vessel Engineering/Materials Group, Reference NRC Order EA-03-009, Inspect during EOC-16 and EOC20 (3rd Interval), and EOC-24 and EOC28 (4th Interval). See Com PT CS-Inconel RPV Head Vent Line Nozzle to Head Weld. Dve G05.001.004 RPV-HEAD-VENT-NOZZLE-PT 1.280 0.250 Penetrant test from the inside of the RPV Head NC CN-ISIN3-1553-1.0 (Use AREVA Procedure 54-PT-200-06). Class A CNM 1201.01-105 Examinations to be done within five (5) years of 2/11/2003, and thereafter at least every four (4) refueling outages or seven (7) years, whichever occurs first. The inspections will begin in EOC16. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequences stipulated above. Vendor and special equipment required. (For responsible individual, contact J.M. Shuping and Reactor Vessel Engineering/Materials

### DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT

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ITEM NUMBEI	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REC	MAT/SCH D	NA/THK CAL BLOCKS	COMMENTS
G05.001.005	RPV-HEAD-VENT-NOZZLI	E-VIS		See Com	VT-2	CS-Inconel	1.280	RPV Head Vent Line Nozzle to Head Weld. Bare
Class A		NC	CN-ISIN3-1553-1.0 CNM 1201.01-105			oo maana.	0.250	Metal Visual examine at the top of the RPV Head to interrogate the vent line annulus. Examinations to be done within five (5) years of 2/11/2003, and thereafter at least every four (4) refueling outages or seven (7) years, whichever occurs first. The inspections will begin in EOC16. Time between inspections may be shortened, but not lengthened.
								If time between inspections is shortened, next inspection will occur at frequences stipulated above. Vendor and special equipment required.  MP/O/A/7150/042D Reactor Vessel Head Penetration Visual Inspection. (For responsible individual, contact J.M. Shuping and Reactor Vessel Engineering/Materials Group. Reference NRC Order EA-03-009. Inspect during EOC-16 and EOC20 (3rd Interval), and EOC-24 and EOC28 (4th Interval).

Total G05.001 Items:

5

Total G05 Items:

5

### **CATEGORY AUG, Augmented Inspections**

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REQ	MAT/SCH	DIA/THK CAL BLOCKS	COMMENTS
G06.002.001 Class A	1PZR-MANWAY Circumferential	NC	CNM 1201.01-175/1 CNM 1201.01-175/2	NDE-68	VT-2	SS-CS	0.000 0.000	Pressurizer Manway Diaphram Seal Weld. Bare Metal Visual Examination by VT-2 qualified inspector. Examine the gap between the Pressurizer Manway Cover and Manway for evidence of diaphram plate seal weld leakage. (For responsible individual, contact J.M. Shuping, Alloy 600 Engineer Nuclear Technical Services). Reference NRC Bulletin 2004-01.

Total G06.002 Items:

1

Total G06 Items:

1

Total G08 Items:

### **CATEGORY AUG, Augmented Inspections**

### **DUKE ENERGY CORPORATION INSERVICE INSPECTION PLAN MANAGEMENT**

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ITEM NUMBE	R ID NUMBER	SYS	ISO/DWG NUMBERS	PROC	INSP REC	MAT/SCH [	DIA/THK CAL BLOCKS	COMMENTS
Class A	1RPV-VENT-NOZZLE Circumferential Dissimilar		CNM 1201.01-105 30738-1539	See Comments	VT-2 Nozzle t Head	CS-Inconel	1.000 0.211	Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J.M. Shuping, Alloy 600 Engineer Nuclear Technical Services). The one inch Vent Nozzle and Vent Line. The visual inspection consists of the nozzle to Reactor Pressure Vessel Head and a series of full penetration Alloy 600 Welds connecting piping. The extent of the piping inspection is from the Reactor pressure Vessel Vent Nozzle to the Flange. Use Reactor Vessel Head Penetration Visual Inspection Procedure MP/0/A/7150/042D. These welds will also receive a visual inspection according to NRC Revised Order EA-03-009. (see Item Number Series G05.001.002)

### 4.0 Results of Inspections Performed

The results of each examination shown in the final Inservice Inspection Plan (Section 3.0 of this report) are included in this section. The completion date and status for each examination are shown. All examinations revealing reportable indications and any corrective action required as a result are described in further detail in Subsections 4.1 and 4.2. Corrective measures performed and limited examinations are described in further detail in Subsections 4.3 and 4.4.

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

ITEM NUMBER = ASME Section XI Tables IWB-2500-1

(Class 1), IWC-2500-1 (Class 2), IWF-

2500-1 (Class 1 and Class 2), Augmented Requirements

ID NUMBER = Unique Identification Number

SYSTEM = Component System Identification

INSP DATE = Date of Examination

INSP STATUS = CLR Clear

REC Recordable REP Reportable

INSP LIMITED = Indicates inspection was limited.

Coverage obtained is listed.

GEO REF =  $\underline{Y}$  Yes (Geometric N No

Reflector applies

only to UT)

RFR (Relief =  $\underline{Y}$  Yes Request) N No

COMMENTS = General and / or Detail Description

#### 4.1 Reportable Indications

No reportable condition was detected during EOC16.

#### 4.2 Corrective Action

Corrective action is action taken to resolve flaws and relevant conditions, including supplemental examinations, analytical evaluations, repair / replacement activities, and corrective measures.

#### 4.3 Corrective Measures

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

#### 4.4 Limited Examinations

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

Item Numbers	Relief Request Serial Number
B09.011.020	To be filed later
B09.011.030	To be filed later
B09.011.155	To be filed later
B09.011.163	To be filed later
B09.011.164	To be filed later
C02.011.003	To be filed later
C05.011.065	To be filed later
C05.011.105	To be filed later
C05.021.146	To be filed later
C05.021.147	To be filed later

**DUKE ENERG DRPORATION** 

**EOC** 16

Plant: Catawba 1

**QUALITY ASSURANCE TECHNICAL SERVICES** 

In-Service Inspection Database Management System Catawba 1 Inservice Inspection Listing

Interval 3 Outage 1

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		٠			ervai 3 Outage							
ITEM NUMBER	ID NUMBER		INSP DATE		INSP LIMITED	GEO REF	RFR	COMMENTS			<u> </u>	 
B01.030.002	1RPV-W07	NC	11/29/2006	REC		N	N.					
B01.040.001A	1RPV-W08	NC	11/23/2006	CLR		N	Ν					
B05.010.009	1RPV-W51-01-SE	NC	11/23/2006	CLR		Ν	N					
B05.010.009A	1RPV-W51-01-SE	NC	11/23/2006	CLR		Ν	Ν					
B05.010.010	1RPV-W51-02-SE	NC	11/23/2006	CLR		N -	Ν					
B05.010.010A	1RPV-W51-02-SE	NC	11/23/2006	CLR		N	Ν	•				
B05.010.011	1RPV-W51-03-SE	NC	11/23/2006	CLR		N	N					
B05.010.011A	1RPV-W51-03-SE	['] NC	11/23/2006	CLR		N	Ν					
B05.010.012	1RPV-W51-04-SE	NC	11/23/2006	CLR		Ν	N					
B05.010.012A	1RPV-W51-04-SE	NC	11/23/2006	CLR		Ν	N					
B06.040.001	1RPV-THREAD-01	NC	11/29/2006	CLR		N	Ν					
B06.040.002	1RPV-THREAD-02	NC	11/29/2006	CLR		Ν	Ν					
B06.040.003	1RPV-THREAD-03	NC	11/29/2006	CLR		Ν	Ν					
B06.040.004	1RPV-THREAD-04	NC	11/29/2006	CLR		Ν	N					
B06.040.005	1RPV-THREAD-05	NC	11/29/2006	CLR		Ν	Ν					
B06.040.006	1RPV-THREAD-06	NC	11/29/2006	CLR		N	Ν					
B06.040.007	1RPV-THREAD-07	NC	11/29/2006	CLR		Ν	Ν		•			
B06.040.008	1RPV-THREAD-08	NC	11/29/2006	CLR		Ν	Ν					
B06.040.009	1RPV-THREAD-09	NC	11/29/2006	CLR		Ν	Ν					
B06.040.010	1RPV-THREAD-10	NC	11/29/2006	CLR		Ν	Ν					
B06.040.011	1RPV-THREAD-11	NC	11/29/2006	CLR		N	Ν					
B06.040.012	1RPV-THREAD-12	NC	11/29/2006	CLR		N	N					
B06.040.013	1RPV-THREAD-13	NC	11/29/2006	CLR		N	Ν					
B06.040.014	1RPV-THREAD-14	NC	11/29/2006	CLR		N	N					
B06.040.015	1RPV-THREAD-15	NC	11/29/2006	CLR		N	Ν	·				
B06.040.016	1RPV-THREAD-16	NC	11/29/2006	CLR		N	Ν					
B06.040.017	1RPV-THREAD-17	NC	11/29/2006	CLR		Ν	Ν			·		
B06.040.018	1RPV-THREAD-18	NC	11/29/2006	CLR		· N ·	Ν					
B06.040.019	1RPV-THREAD-19	NC	11/29/2006	CLR		Ν	Ν					
B06.040.020	1RPV-THREAD-20	NC	11/29/2006	CLR		N	Ν					
B06.040.021	1RPV-THREAD-21	. NC	11/29/2006	CLR		N	Ν					
B06.040.022	1RPV-THREAD-22	NC	11/29/2006	CLR	·	N	Ν					
B06.040.023	1RPV-THREAD-23	NC	11/29/2006	CLR		N	Ν					
B06.040.024	1RPV-THREAD-24	NC	11/29/2006	CLR		N	Ν					
B06.040.025	1RPV-THREAD-25	NC	11/29/2006	CLR		N	Ν					
B06.040.026	1RPV-THREAD-26	NC	11/29/2006	CLR		Ν	Ν					
B06.040.027	1RPV-THREAD-27	NC	11/29/2006	CLR		N	Ν					

DUKE ENERG DRPORATION

#### **QUALITY ASSURANCE TECHNICAL SERVICES**

### In-Service Inspection Database Management System Catawba 1 Inservice Inspection Listing

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Interval 3 Outage 1

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				inte	ervai 3. Outage	1					•
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS			
B06.040.028	1RPV-THREAD-28	NC	11/29/2006	CLR		N	N				
B06.040.029	1RPV-THREAD-29	NC	11/29/2006	CLR		N	N				
B06.040.030	1RPV-THREAD-30	NC	11/29/2006	CLR	***	N	Ν				
B06.040.031	1RPV-THREAD-31	NC	11/29/2006	CLR		N	Ν				
B06.040.032	1RPV-THREAD-32	NC	11/29/2006	CLR		N	N.				
B06.040.033	1RPV-THREAD-33	NC	11/29/2006	CLR		N	Ν				
B06.040.034	1RPV-THREAD-34	NC	11/29/2006	CLR	***	N	Ν	•			
B06.040.035	1RPV-THREAD-35	NC	11/29/2006	CLR		N	Ν				
B06.040.036	1RPV-THREAD-36	NC	11/29/2006	CLR		N	Ν				
B06.040.037	1RPV-THREAD-37	NC	11/29/2006	CLR		N	Ν				
B06.040.038	1RPV-THREAD-38	NC	11/29/2006	CLR	***	N	Ν		•		
B06.040.039	1RPV-THREAD-39	NC	11/29/2006	CLR		N	N				
B06.040.040	1RPV-THREAD-40	NC	11/29/2006	CLR		N	Ν				
B06.040.041	1RPV-THREAD-41	NC	11/29/2006	CLR		N	Ν				
B06.040.042	1RPV-THREAD-42	NC	11/29/2006	CLR		N	Ν				
B06.040.043	1RPV-THREAD-43	NC	11/29/2006	CLR		Ν	Ν				
B06.040.044	1RPV-THREAD-44	NC	11/29/2006	CLR		N	Ν				
B06.040.045	1RPV-THREAD-45	NC.	11/29/2006	CLR		N	Ν				
B06.040.046	1RPV-THREAD-46	NC	11/29/2006	CLR	<del></del>	N	Ν				
B06.040.047	1RPV-THREAD-47	NC	11/29/2006	CLR		N	Ν			•	
B06.040.048	1RPV-THREAD-48	NC	11/29/2006	CLR		N	Ν				
B06.040.049	1RPV-THREAD-49	NC	11/29/2006	CLR		Ν	Ν				
B06.040.050	1RPV-THREAD-50	NC	11/29/2006	CLR	***	N	N				
B06.040.051	1RPV-THREAD-51	NC	11/29/2006	CLR		N	N				
B06.040.052	1RPV-THREAD-52	NC	11/29/2006	CLR		N	N				
B06.040.053	1RPV-THREAD-53	NC	11/29/2006	CLR	`	N	Ν				
B06.040.054	1RPV-THREAD-54	NC	11/29/2006	CLR		N	Ν				
B07.050.001	1NC224-MJ1	NC	12/06/2006	CLR		N	N				
B07.050.002	1NC227-MJ1	NC	12/06/2006	CLR		N	N				
B07.050.003	1NC258-MJ1	NC	12/06/2006	CLR		N	N				
B07.050.050	1NV483-MJ1	NV	12/06/2006	CLR		N	N		*	•	
B07.050.051	1NV483-MJ2	NV	12/06/2006	CLR		N	N				
B07.050.052	1NV487-MJ1	NV	12/06/2006	CLR		N	N				
B07.050.053	1NV488-MJ1	NV	12/06/2006	CLR		N	N				
B09.011.009	1RPV-W52-01	NC	11/23/2006	CLR	96.10%	N	N				
B09.011.009A	1RPV-W52-01	NC	11/23/2006	CLR		N	N				
B09.011.010	1RPV-W52-02	NC	11/23/2006	CLR	96.10%	N	Ν				

DUKE ENER( )RPORATION
QUALITY ASSURANCE TECHNICAL SERVICES

In-Service Inspection Database Management System
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ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B09.011.010A	1RPV-W52-02	NC	11/23/2006	CLR		N	Ν	
B09.011.011	1RPV-W52-03	NC	11/23/2006	CLR	96.10%	N	Ν	
B09.011.011A	1RPV-W52-03	NC	11/23/2006	CLR		N	Ν	•
B09.011.012	1RPV-W52-04	NC	11/23/2006	CLR	96.10%	Ν	Ν	
B09.011.012A	1RPV-W52-04	NC	11/23/2006	CLR		Ν	Ν	
B09.011.016	1NC27-2	NC	12/08/2006	CLR		Ν	Ν	
B09.011.016A	1NC27-2	NC	11/21/2006	CLR		Ν	Ν	
B09.011.017	1NC27-3	NC	12/08/2006	CLR	***	N	Ν	
B09.011.017A	1NC27-3	NC	11/21/2006	CLR		Ν	Ν	
B09.011.018	1NC27-5	NC	12/08/2006	CLR		, N	Ν	
B09.011.018A	1NC27-5	NC	11/21/2006	CLR		Ν	Ν	
B09.011.019	1NC190-12	NC	12/10/2006	CLR		N	Ν	•
B09.011.019A	1NC190-12	NC	12/10/2006	CLR		Ν	Ν	
B09.011.020	1NC28-11	NC	12/08/2006	CLR	35.10%	N	Υ	Request for Relief will be filed later
B09.011.020A	1NC28-11	NC	12/08/2006	CLR		Ν	Ν	
B09.011.030	1NC31-1	NC	12/12/2006	CLR	37.50%	,N	Υ	Request for Relief will be filed later
B09.011.030A	1NC31-1	NC	11/19/2006	CLR		Ν	Ν	
B09.011.031	1NC190-9	NC	12/10/2006	CLR		N	Ν	
B09.011.031A	1NC190-9	NC	12/10/2006	CLR	***	N	N	
B09.011.050	1NC190-32	NC	11/21/2006	CLR		Ν	Ν	
B09.011.050A	1NC190-32	NC	11/21/2006	CLR		Ν	Ν	
B09.011.101	1ND37-3	ND	11/24/2006	CLR		Υ	Ν	
B09.011.101A	1ND37-3	ND	11/24/2006	CLR	,	N	Ν	·
B09.011.102	1ND37-4	ND	11/24/2006	CLR		Υ	Ν	
B09.011.102A	1ND37-4	ND	11/24/2006	CLR		N	Ν	
B09.011.103	1ND37-5	ND	11/24/2006	CLR		Υ	Ν	
B09.011.103A	1ND37-5	ND	11/24/2006	CLR		Ν	Ν	
B09.011.155	1NI18-2	NI	12/01/2006	CLR	62.50%	Ν	Υ	Request for Relief will be filed later
B09.011.155A	1NI18-2	NI	12/01/2006	CLR		Ν	Ν	•
B09.011.159	1NI148-3	NI	11/20/2006	CLR		N	N	
B09.011.159A	1NI148-3	NI	11/19/2006	CLR		Ν	Ν	
B09.011.160	1NI148-4	NI	11/20/2006	CLR	•	Ν	Ν	
B09.011.160A	1NI148-4	NI	11/19/2006	CLR	,	N	Ν	
B09.011.161	1NI148-6	NI	11/20/2006	CLR		N	Ν	
B09.011.161A	1NI148-6	NI	11/19/2006	CLR		Ν	Ν	
B09.011.162	1NI148-9	NI	11/22/2006	CLR		Ν	N ·	
B09.011.162A	1NI148-9	NI	11/21/2006	CLR		N	Ν	

# DUKE ENER ORPORATION QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System Catawba 1 Inservice Inspection Listing

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			•		interval 5 Outage			
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE		US INSP LIMITED	GEO REF	RFR	COMMENTS
B09.011.163	1NI148-10	NI	11/22/2006	CLR	37.50%	N	Υ	Request for Relief will be filed later.
B09.011.163A	1NI148-10	NI	11/21/2006	CLR		N	N	
B09.011.164	1Nl148-11	NI	11/22/2006	CLR	37.50%	N	Υ	Request for Relief will be filed later
B09.011.164A	1NI148-11	NI	11/21/2006	CLR		N	Ν	
B09.011.165	1NI149-5	NI	12/05/2006	CLR		Ν	Ν	
B09.011.165A	1NI149-5	NI	11/21/2006	CLR		Ν	Ν	
B09.011.166	1NI149-4	NI	11/20/2006	CLR		Ν	N .	
B09.011.166A	1NI149-4	NI	11/20/2006	CLR		Ν	N	
B09.011.182	1NI166-9	NI	11/20/2006	CLR		Ν	Ν	
B09.011.182A	1NI166-9	NI	11/19/2006	CLR		Ν	Ν	•
B09.011.183	1NI166-10	NI	11/20/2006	CLR		Ν	N	
B09.011.183A	1NI166-10	, NI	11/19/2006	CLR		Ν	Ν	
B09.011.184	1NI166-15	NI	11/20/2006	CLR		Ν	Ν	•
B09.011.184A	1NI166-15	NI	11/19/2006	CLR		N	Ń	
B09.011.195	1NI241-4	NI	11/20/2006	CLR		Ņ	Ν	
B09.011.195A	1NI241-4	NI	11/20/2006	CLR		N	Ν	
B09.011.196	1Nl241-6	NI	11/20/2006	CLR		N .	N	
B09.011.196A	1NI241-6	NI	11/20/2006	CLR		N	Ν	
B09.011.197	1NI241-8	NI	11/20/2006	CLR	•	Υ	Ν	
B09.011.197A	1NI241-8	NI	11/20/2006	CLR		N	Ν	
B09.021.005	1NC40-2	NC	11/17/2006	CLR		Ν	Ν	
B09.021.006	1NC40-3	NC	11/17/2006	CLR		Ν	Ν	•
B09.021.007	1NC40-7	NC	11/17/2006	CLR		N	Ν	
B09.021.008	1NC40-8	· NC	11/17/2006	CLR		N	Ν	
B09.021.016	1NC80-10	NC	11/22/2006	CLR		Ν	Ν	•
B09.021.017	1NC80-11	NC	11/22/2006	CLR		N	Ν	
B09.021.018	1NC80-12	NC	11/22/2006	CLR		Ν	Ν	
B09.021.101	1NV201-1	NV	11/17/2006	CLR		N	Ν	•
B09.021.102	1NV201-2	NV	11/17/2006	CLR		. N	Ν	
B09.040.051	1NI32-9	· NI	11/20/2006	CLR		N	Ν	
B09.040.052	1NI32-10	NI	11/20/2006	CLR		N	N	
B09.040.053	1NI147-5	NI	11/20/2006	CLR	•	N	Ν	
B09.040.054	1NI147-7	NI	11/20/2006	CLR		Ν	Ν	
B09.040.101	1NV307-9	NV	11/17/2006	CLR		N	Ν	
B09.040.102	1NV307-11	NV	11/17/2006			Ν	Ν	
B09.040.103	1NV307-12	NV	11/17/2006			N	Ν	
B09.040.104	1NV307-13	NV	11/17/2006	CLR		N	Ν	

### DUKE ENER( DRPORATION QUALITY ASSURANCE TECHNICAL SERVICES In-Service Inspection Database Management System

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ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
B09.040.105	1NV330-1	NV	11/17/2006	CLR		N	Ν	
B09.040.106	1NV330-6	· NV	11/17/2006	REC		N	Ν	
B09.040.107	1NV330-8	NV	11/17/2006	CLR		N	Ν	
B09.040.122	1NV550-6	NV	11/19/2006	CLR	•	N	Ν	
B09.040.123	1NV550-8	NV	11/19/2006	CLR		N	Ν	
B09.040.124	1NV550-11	NV	11/19/2006	CLR		Ν	Ν	
B09.040.125	1NV550-13	NV	11/19/2006	CLR	***	N	Ν	
B09.040.126	1NV550-23	NV	11/19/2006	CLR	·	N	Ν	
B09.040.127	1NV614-8	NV	11/19/2006	CLR		N	Ν	
B09.040.128	1NV614-11	NV	11/19/2006	CLR		N	Ν	
B09.040.129	1NV615-7	NV	11/19/2006	CLR		N	Ν	
B09.040.130	- 1NV615-8	NV	11/19/2006	CLR		N	Ν	
B09.040.131	1NV615-12	NV	11/19/2006	CLR		Ν	Ν	
B12.050.001A	1NC-1	NC	11/26/2006	CLR		Ν	Ν	
B12.050.001B	1NC-2	NC	11/28/2006	CLR		N	Ν	•
B12.050.001C	1NC-3	NC	09/30/2006	CLR		Ν	Ν	•
B12.050.005H	INI-94	NI	11/27/2006	CLR		N	Ν	
B12.050.007F	INI-176	NI	11/28/2006	CLR	·	N	Ν	
C01.010.002	1SWHX-5-3	NV	11/25/2006	CLR		N	Ν	
C01.010.005	1SWRF-1-3	NV	11/29/2006	CLR	92.30%	N	Ν	
C01.020.011	1SWHX-5-6	NV	11/25/2006	CLR		N	N	
C01.020.013	1SWRF-1-2	NV	11/29/2006	CLR		Ν	Ν	
C02.011.001	1SWHX-5-A	NV	11/25/2006	CLR		N	Ν	
C02.011.002	1SWHX-5-B	NV	11/25/2006	CLR		N	N	
C02.011.003	1SWRF-1-OUTLET	NV.	11/29/2006	CLR	74.60%	N	Υ	Request for Relief will be filed later.
C02.021.003	1ARHRHX-5-A	ND	11/18/2006	CLR		N	N	
C02.021.003A	1ARHRHX-5-A	ND	11/09/2006	CLR		N	Ν	
C02.021.004	1ARHRHX-5-B	ND	11/18/2006	CLR		N	N	
C02.021.004A	1ARHRHX-5-B	ND	11/09/2006	CLR		N	N	
C03.010.023	1SWRF-SUPPORT	NV	11/29/2006	CLR		N	N	
C03.020.031	1-R-ND-0372	ND	08/21/2006	CLR		N	N	
C03.020.032	1-R-ND-0226	ND	08/21/2006	CLR		N	N	
C03.020.042	1-R-NI-0003	NI	08/23/2006	CLR		N	N	
C03.020.072	1-R-SM-1572	SM	12/01/2006	CLR		N	N	
C03.020.073	1-R-SM-1574	SM	12/01/2006	CLR		N	N	
C03.030.001	1RHRPA-LUGS	ND	08/21/2006	CLR		N	N	
C03.030.011	1CCPA-SUPPORT	NV	12/01/2006	CLR		N	Ν	100% of all accessible surface areas examined without removal

**DUKE ENER** 

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Plant: Catawba 1

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### In-Service Inspection Database Management System Catawba 1 Inservice Inspection Listing

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ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATUS	INSP LIMITED	GEO REF	RFR	COMMENTS
								of support members. (Reference Fig. IWC-2500-5) The lower weld on each of the 4 attachments was not accessible. A total of 23% (7.500" on each of the 4 attachments) of the total 33.00" weld length for each attachment was not examined.
C05.011.021	1FW12-3	FW	12/04/2006	CLR		N	Ν	
C05.011.021A	1FW12-3	FW	12/04/2006	CLR		Ν	Ν	
C05.011.065	1ND3-1	ND	08/22/2006	CLR	37.50%	N	Υ	Request for Relief will be filed later
C05.011.065A	1ND3-1	ND	08/22/2006	CLR		N	Ν	
C05.011.066	1ND3-3	ND	08/23/2006	CLR		N	N	
C05.011.066A	1ND3-3	ND	08/23/2006	CLR		N	N	
C05.011.067	1ND3-6	ND	08/23/2006	CLR		N	·N	•
C05.011.067A	1ND3-6	ND	08/23/2006	CLR		N	N	
C05.011.071	1ND41-3	ND	08/23/2006	CLR		N	Ν	
C05.011.071A	1ND41-3	ND	08/23/2006	CLR	•••	N	Ν	
C05.011.072	1ND42-2	ND	11/26/2006	CLR		N	N	
C05.011.072A	1ND42-2	ND	11/26/2006	CLR		N	Ν	
C05.011.073	1ND42-5	ND	11/26/2006	CLR	<b></b> .	N	Ν	
C05.011.073A	1ND42-5	ND	11/26/2006	CLR		N	N	
C05.011.074	1ND42-7	ND	11/26/2006	CLR		N	Ν	•
C05.011.074A	1ND42-7	ND	11/26/2006	CLR		N	Ν	
C05.011.075	1ND42-8	ND:	11/26/2006	CLR		N	N	·
C05.011.075A	1ND42-8	ND	11/26/2006	CLR		N	Ν	
C05.011.080	1ND44-5	ND	08/23/2006	CLR		N	N	
C05.011.080A	1ND44-5	ND	08/23/2006	CLR		N	Ν	
C05.011.081	1ND44-6	ND	08/23/2006	CLR		N	Ν	
C05.011.081A	1ND44-6	ND	08/23/2006	CLR		N	Ν	
C05.011.082	1ND44-7	ND	08/23/2006	CLR		N	Ν	
C05.011.082A	1ND44-7	ND	08/23/2006	CLR		N	Ν	
C05.011.083	1ND55-10	ND -	11/26/2006	CLR		N	N	
C05.011.083A	1ND55-10	ND	11/26/2006	CLR		N	Ν	•
C05.011.084	1ND55-11	ND	11/26/2006	CLR		N	N	
C05.011.084A	1ND55-11	ND	11/26/2006	CLR		N	Ν	
C05.011.087	1ND42-6	ND	11/26/2006	CLR		N	N	
C05.011.087A	1ND42-6	ND	11/26/2006	CLR		N	N.	
C05.011.101	1NI1-1	NI	11/27/2006	CLR		N	Ν	
C05.011.101A	1NI1-1	NI	11/24/2006	CLR		N	Ν	
C05.011.102	1NI1-2	NI	11/27/2006	CLR	*	Ν	Ν	·

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				,	interval 3 Outage i	ı e		
ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATU	S INSP LIMITED (	GEO REF	RFR	COMMENTS
C05.011.102A	1NI1-2	NI	11/24/2006	CLR		N	Ν	
C05.011.103	1NI1-8	NI	11/27/2006	CLR	91.70%	N .	_. N	
C05.011.103A	1NI1-8	NI	11/24/2006	CLR		N ·	N	
C05.011.104	1NI1-11	NI	11/26/2006	CLR		N	N	
C05.011.104A	1NI1-11	NI	11/24/2006	CLR	<b></b>	N	N	
C05.011.105	1NI1-12	NI	11/27/2006	CLR	37.50%	· Y	Υ	Request for Relief will be filed later.
C05.011.105A	1NI1-12	NI	11/24/2006	CLR		Ν	Ν	
C05.011.106	1NI5-1	NI	11/23/2006	CLR		N	Ν	
C05.011.106A	1NI5-1	NI	. 11/22/2006	CLR		N	Ν	
C05.011.107	1NI5-2	NI	11/23/2006	CLR		N	Ν	
C05.011.107A	1NI5-2	NI	11/22/2006	CLR		N	Ν	
C05.011.108	1NI5-6	NI	11/23/2006	CLR		Ν .	Ν	
C05.011.108A	1NI5-6	NI	11/22/2006	CLR		N	Ν	
C05.011.109	1NI5-7	NI	11/23/2006	CLR	***	, N	Ν	
C05.011.109A	1NI5-7	NI	11/22/2006	CLR		N	Ν	
C05.011.110	1NI5-10	NI	11/23/2006	CLR		N	Ν	•
C05.011.110A	1NI5-10	NI	11/22/2006	CLR		N	Ν	
C05.011.111	1NI5-11	NI	11/23/2006	CLR		N	Ν	
C05.011.111A	1NI5-11	NI	11/22/2006	CLR		N	Ν	
C05.011.112	1NI5-12	NI	11/23/2006	CLR		N	Ν	
C05.011.112A	1NI5-12	NI	11/22/2006	CLR		N	Ν	
C05.011.113	1NI5-13	NI	11/23/2006	CLR		N	Ν	
C05.011.113A	1NI5-13	NI	11/22/2006	CLR		Ν	Ν	•
C05.011.116	1NI6-11	NI	11/24/2006	CLR		N	Ν	
C05.011.116A	1NI6-11	NI	11/24/2006	CLR		N	Ν	•
C05.011.117	1NI6-12	NI	11/24/2006	CLR		N	Ν	
C05.011.117A	1NI6-12	NI	11/24/2006	CLR		Ν	Ν	
C05.011.135	1NI24-2	NI	11/22/2006	CLR		Y	Ν	
·C05.011.135A	1NI24-2	NI	11/21/2006	CLR		N	N	
C05.011.136	1NI24-3	, NI	11/22/2006	CLR		N	N	
C05.011.136A	1NI24-3	NI	11/21/2006	CLR		Ν.	Ν	
C05.011.137	1NI24-6	NI	11/22/2006	CLR		N	N	
C05.011.137A	1NI24-6	NI	11/21/2006	CLR		N	Ν	
C05.011.138	1NI24-7	NI	11/22/2006	CLR	·	N	Ν	
C05.011.138A	1NI24-7	NI	11/21/2006	CLR	***	Ν	N	
C05.011.139	1NI25-2	NI	11/22/2006	CLR		N	Ν	
C05.011.139A	1NI25-2	NI	11/21/2006	CLR		N	Ν	

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ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE	INSP STATU	S INSP LIMITED	GEO REF	RFR	COMMENTS	
C05.011.140	1NI25-3	NI	11/22/2006	CLR	97.90%	N	N		
C05.011.140A	1NI25-3	NI	11/21/2006	CLR	•••	N	Ν		
C05.011.141	1NI25-7	NI	11/22/2006	CLR	·	N	N		
C05.011.141A	1NI25-7	NI	11/21/2006	CLR		Ν	Ν		
C05.011.142	1NI25-8	NI	11/22/2006	CLR		N	Ņ		
C05.011.142A	1NI25-8	NI	11/21/2006	CLR		. N	Ν		
C05.011.209	1NS20-29	NS	12/05/2006	CLR		Ν	Ν		
C05.011.209A	1NS20-29	NS	12/05/2006	CLR		Ν	Ν		
C05.011.211	1NS22-32	NS	12/05/2006	CLR		N	N		
C05.011.211A	1NS22-32	NS	12/05/2006	CLR		Ν	Ν		
C05.021.146	1NV-309-INLET	NV	11/26/2006	CLR	37.50%	Ν	Υ	Request for Relief will be filed later.	
C05.021.146A	1NV-309-INLET	NV	11/26/2006	CLR		N	Ν		
C05.021.147	1NV-309-OUTLET	NV	11/26/2006	CLR	37.50%	N	Υ	Request for Relief will be filed later.	
C05.021.147A	1NV-309-OUTLET	NV	11/26/2006	CLR		Ν	Ν		
C05.051.001	1CA100-7	CA	12/03/2006	CLR		N	Ν		
C05.051.001A	1CA100-7	CA	12/03/2006	CLR		N	Ν		
C05.051.014	1CA69-2	CA	11/28/2006	CLR		N	N		
C05.051.014A	1CA69-2	CA	11/28/2006	CLR		N	N		
C05.051.015	1CA69-14	CA	11/27/2006	CLR		N	Ν		
C05.051.015A	1CA69-14	CA	11/27/2006	CLR		N	Ν		
C05.051.018	1CA71-6	CA	11/17/2006	CLR	****	N	N		
C05.051.018A	1CA71-6	CA	11/17/2006	CLR		N	Ν		
C05.051.020	1CA73-5	CA	11/28/2006	CLR		N	N		
C05.051.020A	1CA73-5	CA	11/29/2006	CLR		N	N		-
C05.051.021	1CA73-8	CA	11/27/2006	CLR		N	, N		
C05.051.021A	1CA73-8	CA	11/27/2006	CLR		Ν	N		
C05.051.022	1CA73-9	CA	11/27/2006	CLR		N	N		
C05.051.022A	1CA73-9	CA	11/27/2006	CLR		N	N		
C05.051.108	1SM37-2	SM	12/02/2006	CLR		N	N	•	
C05.051.108A	1SM37-2	SM	12/02/2006	CLR		N	N		
C05.051.109	1SM37-10	SM	12/02/2006	CLR		N	N		
C05.051.109A	1SM37-10	SM	12/02/2006	CLR		N	N		
C05.051.110	1SM-7D-C	SM	12/03/2006	CLR		. N	N		
C05.051.110A	1SM-7D-C	SM	12/03/2006	CLR		N	N		
C05.051.111	1SM-7D-D	SM	12/03/2006	CLR	***	N	N		
C05.051.111A	1SM-7D-D	SM	12/03/2006	CLR		N	N		
C05.051.113	1SM32-2	SM	12/02/2006	CLR		N	N		

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ITEM NUMBER	ID NUMBER	SYSTEM	INSP DATE		JS INSP LIMITED	GEO REF	RFR	COMMENTS				
C05.051.113A	1SM32-2	SM	12/02/2006	CLR		N	Ν	•				
C05.051.152	1SV25-5	SV	12/05/2006	CLR		N	N			,		
C05.051.152A	1SV25-5	SV	12/05/2006	CLR		N	N					
C05.061.007	1CA115-10	CA	12/01/2006	CLR		N	Ν					
C05.061.007A	1CA115-10	CA	12/01/2006	CLR		N	Ν					
C05.061.008	1CA124-2	CA	12/01/2006	CLR		· N	N			•		
C05.061.008A	1CA124-2	CA	12/01/2006	CLR		N	Ν					
C05.070.001	1CA100-10	CA	12/03/2006	CLR		N	Ν					
C05.070.002	1CA100-11	CA	12/03/2006	CLR		N	Ν					
C05.070.014	1CA115-12	CA	12/01/2006	CLR		N	Ν					
C06.020.001	1CA-149	CA	11/27/2006	CLR		N	Ν					
C06.020.004	1ND-28A	ND	08/22/2006	CLR		N	Ν					
C06.020.006	1NI-121A	NI	08/22/2006	CLR		N	Ν					
C06.020.019	1SV-2	SV	11/27/2006	CLR		N	Ν					
D01.010.001	1RNSB-SUPPORT	RN	12/10/2006	CLR		N	Ν					
D01.010.011	1DGEJWSTPA-SUPPO	KD	11/13/2006	CLR	•	N	Ν					
D01.010.014	1DGEJWCA-SUPPORT	KD	11/13/2006	CLR	<del></del>	N	Ν					
D01.010.015	1LDCA-SUPPORT	LD	11/13/2006	CLR		N	Ν					
D01.010.016	1LDFB-SUPPORT	LD	11/13/2006	CLR	•••	N	Ν			•		
D01.010.017	1LDSA1-SUPPORT	LD	11/13/2006	CLR	***	N	Ν				•	
D01.010.018	1LDSTA-SUPPORT	LD	; 11/13/2006	CLR		N	Ν					
D01.010.031	1KCHXB-SUPPORT	ĶC	11/14/2006	CLR		N	Ν					
D01.010.032	1KCSTA-SUPPORT	KC	11/14/2006	CLR		N	Ν					
D01.010.041	1KFHXA-SUPPORT	KF	11/15/2006	CLR		N	Ν					
D01.020.001	1-R-CA-0178	CA	11/16/2006	CLR		N	Ν		•			
D01.030.001	1RNPA-SUPPORT	RN	12/02/2006	CLR		Ν	Ν					
F01.010.054	1-R-NI-1218	NI	11/22/2006	CLR		N	Ν	•				
F01.010.055	1-R-NI-1220	NI	11/19/2006	CLR		N	Ν					
F01.010.056	1-R-NI-1257	NI	11/19/2006	CLR		N	Ν	•				
F01.012.001	1-R-NC-1619	NC	12/14/2006	CLR		Ν	Ν					
F01.012.002	1-R-NC-1635	NC	12/14/2006	CLR	•••	N	Ν					
F01.012.003	1-R-NC-1636	NC	12/14/2006	CLR		N	Ν					
F01.012.004	1-R-NC-1637	NC	12/14/2006	CLR	'	N	Ν					
F01.012.005	1-R-NC-1620	NC	12/14/2006	CLR		N	Ν					
F01.012.006	1-R-NC-1621	NC	12/14/2006	CLR		N	Ν					
F01.012.007	1-R-NC-1622	NC	12/14/2006	CLR		N	Ν					
F01.012.052	1-R-NI-1219	NI	12/06/2006	CLR		N	Ν					

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ITEM NUMBER	ID NUMBER			INSP STATUS			RFR	COMMENTS			
F01.012.053	1-R-NI-1232	NI	11/21/2006	CLR		N	N	•			
F01.020.022	1-R-FW-0123	FW	12/07/2006	CLR		N	N				
F01.020.031	1-R-ND-0360	ND	12/06/2006	CLR		N	N				
F01.020.032	1-R-ND-0371	ND	11/23/2006	CLR		N	N				
F01.020.033	1-R-ND-0372	ND	08/31/2006	CLR		N	N				
F01.020.034	1-R-ND-0376	ND	11/19/2006	CLR		N	N				
F01.020.035	1-R-ND-0377	ND	11/28/2006	CLR	***	N .	N		•		
F01.020.036	1-R-ND-0411	ND	11/19/2006	CLR	<del></del> ,	N	Ν				
F01.020.061	1-R-NI-0003	NI	08/31/2006	CLR	***	. <b>N</b>	Ν		•		
F01.020.070	1-R-NI-0068	NI	11/22/2006	CLR		N	N			•	
F01.020.071	1-R-NI-0076	NI	11/16/2006	CLR		N	Ν	•	•		
F01.020.072	1-R-NI-0072	NI	11/16/2006	CLR		N	· N				
F01.020.073	1-R-NI-0073	NI	11/16/2006	CLR		N	N				
F01.020.074	1-R-NI-0074	NI	11/16/2006	CLR		N	Ν				
F01.020.075	1-R-NI-0075	NI	11/16/2006	CLR		N	Ν				
F01.020.143	1-R-NV-1328	NV	11/19/2006	CLR		N	Ν				
F01.020.144	1-R-NV-1329	NV	11/20/2006	CLR		Ν	N				
F01.020.145	1-R-NV-1509	NV	11/19/2006	CLR		Ν	Ν				
F01.020.146	1-R-NV-1510	NV	11/19/2006	CLR		Ν	Ν				
F01.020.148	1-R-NV-1212	NV	11/19/2006	CLR ·		Ν	Ν				
F01.020.149	1-R-NV-2156	NV	11/19/2006	CLR		Ν	Ν				
F01.020.151	1-R-NV-1284	NV	11/22/2006	CLR		Ν	Ν				
F01.020.152	1-R-NV-1429	NV	11/20/2006	CLR		Ν	Ν				
F01.020.154	1-R-NV-0519	NV	11/22/2006	CLR		Ν	Ν				
F01.020.161	1-R-NV-0563	NV	11/28/2006	CLR		Ν	Ν				
F01.020.203	1-R-SM-1572	SM	12/11/2006	CLR		Ν	N				
F01.020.204	1-R-SM-1574	SM	11/18/2006	CLR		Ν	Ν				
F01.021.074	1-R-NI-0067	NI	11/22/2006	CLR		N	Ν				
F01.021.101	1-R-NS-1201	NS	11/23/2006	CLR	P##	N	Ν				
F01.021.102	1-R-NS-1202	NS	11/23/2006	CLR	***	N	N				
F01.021.103	1-R-NS-1203	NS	11/23/2006	CLR		Ν	Ν				
F01.021.104	1-R-NS-1204	NS	11/23/2006	CLR		N	Ν				
F01.021.105	1-R-NS-1205	NS	11/23/2006	CLR		N	Ν				
F01.021.106	1-R-NS-1206	NS	11/23/2006	CLR		N	Ν				
F01.021.144	1-R-NV-1511	NV	11/19/2006	CLR		N	Ν		•		
F01.021.156	1-R-NV-1211	NV	11/19/2006	CLR		N	Ν		•		
F01.021.157	1-R-NV-1967	. NV	11/20/2006	CLR		N	Ν				
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F01.021.158	1-R-NV-1977	NV	11/16/2006	CLR		N	Ν			
F01.021.164	1-R-NV-1279	NV	11/21/2006	CLR	+	N	Ν			
F01.022.012	1-R-CF-1561	CF	12/06/2006	CLR		N	Ν			
F01.022.013	1-R-CF-1562	CF	12/07/2006	CLR		Ν	Ν			
F01.022.022	1-R-FW-0132	FW	12/14/2006	CLR		N	Ν			
F01.022.031	1-R-ND-0226	ND	11/19/2006	CLR		N	Ν			
F01.022.032	1-R-ND-0396	ND	12/06/2006	CLR		· N	Ν			
F01.022.061	1-R-NI-0174	NI	11/22/2006	CLR		N	N		•	
F01.022.091	1-R-NS-0030	NS	11/28/2006	CLR		N	Ν			
F01.022.141	1-R-NV-2155	NV	11/16/2006	CLR		N	Ν	. •		
F01.022.142	1-R-NV-1283	NV	11/16/2006	CLR		N	Ν		•	
F01.022.207	1-R-SM-1569	SM	11/18/2006	CLR	•••	N	Ν			
F01.022.208	1-R-SM-1570	SM	11/18/2006	CLR		N	Ν			
F01.022.209	1-R-SM-1583	SM	12/07/2006	CLR		N ·	Ν			
F01.022.210	1-R-SM-1586	SM	11/22/2006	CLR		N	N			
F01.030.007	1-R-CA-0178	CA	11/16/2006	CLR		N	Ν		•	
F01.030.008	1-R-CA-0196	CA	11/16/2006	CLR		Ν	Ν			
F01.030.009	1-R-CA-0286	CA	11/16/2006	CLR		N	Ν			,
F01.030.107	1-R-KD-0054	KD	12/14/2006	CLR		N	Ν			
F01.030.225	1-R-VN-0046	VN	11/16/2006	CLR		N	Ν			
F01.031.001	1-R-CA-0001	CA	11/22/2006	CLR		N	Ν			
F01.031.201	1-R-TE-1500	TE	12/11/2006	CLR	• ·	N	Ν			
F01.032.151	1-R-RN-0073	RN	11/28/2006	CLR		N	· N			
F01.040.100	1CCPA-SUPPORT	NV	11/21/2006	CLR		N	Ν			
F01.040.102	1NSPA-SUPPORT	NS	11/14/2006	CLR		Ν	Ν			
F01.040.105	1RHRPA-SUPPORT	ND	08/31/2006	CLR		N	. N		-	
F01.040.114	1SWRF-SUPPORT	NV	11/29/2006	CLR		N	Ν			
F01.040.201	1KCHXB-SUPPORT	KC	11/14/2006	REC		N	Ν			
F01.040.203	1KFHXA-SUPPORT	KF	11/15/2006	CLR		N	Ν			•
F01.040.204	1LDFB-SUPPORT	LD	11/16/2006	CLR		N	N			
F01.040.205	1RNPA-SUPPORT	RN	12/02/2006	CLR		N	Ν			
F01.040.206	1RNSB-SUPPORT	RN	12/10/2006	CLR		Ν	N			•
F01.040.208	1DGEJWCA-SUPPORT	r VN	11/23/2006	CLR		Ν	N			
F01.040.209	1KCSTA-SUPPORT	· KC	11/14/2006	CLR		N	N			
F01.040.210	1LDCA-SUPPORT	LD	11/23/2006	CLR		N	Ν			
F01.040.211	1LDSA1-SUPPORT	LD	11/16/2006	CLR		Ν	Ν			
F01.040.212	1LDSTA-SUPPORT	LD	11/23/2006	CLR		N	N			

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F01.040.215	1DGEJWSTPA-SUPPO	KD	11/16/2006	CLR		N	N			
F01.040.219	1DGEA-SUPPORT	KD	11/16/2006	CLR		N	N.			
F01.040.220	1WEPECA-SUPPORT	WL	11/14/2006	CLR		N	Ν			
F01.040.221	1REPECA-SUPPORT	NB	11/14/2006	CLR		N	Ν			
F01.040.222	1CRACWP-SUPPORT	YC	11/23/2006	CLR		N	Ν			
F01.040.223	1CRAAHU-SUPPORT	YC	11/15/2006	CLR		N _.	Ν			
F01.040.224	1CRAHU-SUPPORT	YC	11/15/2006	CLR		Ν	Ν			
G02.001.001	1SM22-01	SM	12/05/2006	CLR		Ν	Ν			
G02.001.001A	1SM22-01	SM	12/03/2006	CLR	**=	N	Ν			
G02.001.002	1SM22-02	SM	12/05/2006	CLR		N	Ν			
G02.001.002A	1SM22-02	SM	12/03/2006	CLR		Ν	Ν		•	
G02.001.003	1SM-7C-A	SM	12/05/2006	CLR		N	· N			
G02.001.003A	1SM-7C-A	SM	12/03/2006	CLR		N	Ν			
G02.001.004	1SM22-06	SM	12/05/2006	CLR		N	Ν			
G02.001.004A	1SM22-06	SM	12/03/2006	CLR		N	· N			
G02.001.005	1SM-6C-A	SM	12/07/2006	CLR	***	N	Ν			
G02.001.005A	1SM-6C-A	SM	12/06/2006	CLR		N	Ν			
G02.001.006	1SM23-01	SM	12/07/2006	CLR		N	Ν			
G02.001.006A	1SM23-01	SM	12/06/2006	CLR		N	N			
G02.001.007	1SM23-02	SM	12/07/2006	CLR		N	'N			
G02.001.007A	1SM23-02	SM	12/06/2006	CLR		N	Ν		4	·
G02.001.008	1SM-4C-C	SM	12/07/2006	CLR		N	Ν			
G02.001.008A	1SM-4C-C	SM	12/06/2006	CLR		N	Ν			
G02.001.009	1SM-4C-B	SM	12/07/2006	CLR		N	Ν			
G02.001.009A	1SM-4C-B	SM	12/08/2006	CLR	93.60%	N	Ν			
G02.001.010	1SM-4C-A	SM	12/07/2006	CLR		Ν	Ν			
G02.001.010A	1SM-4C-A	SM	12/06/2006	CLR		N	Ν			
G02.001.011	1SM23-03	SM	12/07/2006	CLR	74.30%	N	Ν			
G02.001.011A	1SM23-03	SM	12/08/2006	CLR	93.60%	N	Ν			
G05.001.001	RPV-HEAD-PEN	NC	11/20/2006	CLR	•	N	Ν			
G05.001.002	RPV-HEAD-PEN	NC	11/23/2006	REC		N	Ν			
G05.001.003	RPV-HEAD-VENT-NOZ	NC	11/17/2006	CLR		Ν	Ν			
G05.001.004	RPV-HEAD-VENT-NOZ	NC	11/18/2006	REC		N	Ν	-		
G05.001.005	RPV-HEAD-VENT-NOZ	NC	11/23/2006	CLR		N	Ν			
G06.002.001	1PZR-MANWAY	NC	12/09/2006	CLR		N	Ν			•
G08.003.001	1RPV-VENT-NOZZLE	NC	11/23/2006	CLR	***	N	Ν			

### 5.0 Owner's Report for Repair / Replacement Activities

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

The NIS-2 forms included in this section were completed for work performed during this report period.

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

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						Indication			
	Code		]		Repair,	Maint/ ISI	Owner		
Work Order	Class	Sys	MOD No.	Description of Work	Replacement	(*Yes No)	Final	ANII Final	
1081149-28	Α	NS	CD100548	Rotate Valve 1NS18A	Replacement	No	1/17/2007	1/18/2007	
1100300-01	Α	NI	CE101081	1NI-94 Disc Assembly	Replacement	No	12/14/2006	12/19/2006	
1124852-05	Α	NC	NA	Bolting for 1NC-002 Flange	Replacement	No	12/21/2006	12/21/2006	
1124947-06	Α	NV	NA	Valve 1NV-495 Seal Weld	Replacement	No	12/13/2006	12/18/2006	
1125772-11	Α	NC	NA	Reactor Vessel Head Studs	Replacement	No	1/23/2007	1/24/2007	
1126434-08	Α	NC	CD100829	Pressurizer Overlay 1NC224-1	Repair	No	1/23/2007	2/6/2007	
1704233-08	Α	NC	CD100829	Pressurizer Overlay 1NC258-1V	Repair	No	1/23/2007	2/6/2007	
1704234-08	Α	NC	CD100829	Pressurizer Overlay 1NC227-1V	Repair	No	1/23/2007	2/6/2007	
1704235-08	Α .	NC	CD100829	Pressurizer Overlay 1NC173-1V	Repair	No	1/23/2007	2/6/2007	
1704236-08	Α	NC	CD100829	Pressurizer Overlay 1NC190-24V	Repair	No	1/23/2007	2/6/2007	
1704237-09	A	NC	CD100829	Pressurizer Overlay 1NC26-3V	Repair	No	1/23/2007	2/6/2007	
1719281-01	Α	NI	NA .	1NI_19 Seal Weld	Repair	No	1/25/2007	1/30/2007	
1720102-01	Α	NC	NA	RV Head Vent Line	Repair	No	12/13/2006	12/19/2006	
1720392-01	Α	NC	NA	Disc/Nozzle for S/N BS02870	Replacement	No	12/19/2006	12/20/2006	
1721971-02	Α	NI	NA	1NI-352 Seal Weld	Repair	No	1/25/2007	1/30/2007	
1023772-05	В	NI	CE61611	Install Oil Drain Piping	New	No	8/2/2006	8/3/2006	
1081300-01	В	SV	NA	1SV-14 Disc	Replacement	No	12/19/2006	12/20/2006	
1098426-14	В	NS	11448/00	Install NS Pump Test Loop	New	No	1/9/2007	1/9/2007	
1102114-02	В	ND	NA	ND HX 1A Body Flange Bolting	Replacement	No	1/22/2007	1/24/2007	
1111378-01	В	SV	NA	1SV-20 Disc	Replacement	No	12/19/2006	12/20/2006	
1115112-01	В	KC	CE100499	Valve 1KC-412	Replacement	No	1/25/2007	2/6/2007	
1115113-01	В	KC	CE100499	Replace Valve 1KC393	Replacement	No	1/16/2007	1/17/2007	
1115114-01	В	KC	CE100499	Replace Valve 1KC363	Replacement	No	1/23/2007	2/5/2007	
1115115-01	В	KC	CE100499	Replace Valve 1KC344	Replacement	No	1/25/2007	1/30/2007	
1116257-01	В	ND	NA	Replace 1-R-ND-596	Replacement	No	9/14/2006	9/19/2006	
1116648-18	В	SV	NA	Bolting for 1SVFE-5210	Replacement	No	12/21/2006	12/21/2006	
1124506-02	В	NW	CD100431	1A NW Pipe Reroute	Replacement	No	1/4/2007	1/9/2007	
1124507-02	В	NW	CD100431	1B NW Piping Reroute	Replacement	No	1/3/2007	1/4/2007	
1124866-08	В	ND	NA	Replace Valve 1ND-31	Replacement	No	1/16/2007	1/18/2007	
1124867-04	В	ND	NA	Valve 1ND-35	Replacement	No	2/5/2007	2/6/2007	
1124868-05	В.	ND	NA	Replace Valve 1ND-38	Replacement	No	1/16/2007	1/17/2007	
1124869-05	В	ND	NA	Replace Valve 1ND-64	Replacement	No	1/17/2007	1/18/2007	
1124870-06	В	Ni	· NA	Valve 1NI-102	Replacement	No	12/13/2006	12/18/2006	
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11	24871-06	В	Ni	NA	Valve 1NI-119	Danlagament	Mo	10/01/0006	10/01/0006		
			NI	NA NA		Replacement	No	12/21/2006	12/21/2006	•	
	24872-06	В			Valve 1NV-151	Replacement	No	1/17/2007	2/7/2007		
	24908-06	В	NI	NA	Valve 1NI-161	Replacement	No	12/21/2006	12/21/2006		
	24909-07	В	NV	NA	Valve 1NV-14	Replacement	No	2/6/2007	2/7/2007		
	24910-07	В	NV	NA	Replace Valve 1NV-87	Replacement	No	1/17/2007	1/25/2007		
	24911-05	В	NV	NA	Valve 1NV-205	Replacement	No	1/17/2007	2/7/2007	•	
	24912-07	В	NV	NA	Valve 1NV-223	Replacement	No	1/23/2007	1/23/2007		
	24913-05	В	NV	NA	Valve 1NV-273	Replacement	No	12/13/2006	12/18/2006		
	24964-01	В	SV	NA	1SV-002 Valve Disc	Replacement	No	11/29/2006	11/29/2006		
	24965-01	В	SV	NA	1SV-004 Valve Disc	Replacement	No	11/29/2006	11/29/2006		
	1539-02	В	NV	NA	Snubber 1-R-NV-1409	Replacement	No	7/19/2006	7/25/2006		
	31805-07	В	NV	CD100952	Reroute NV Piping	Replacement	No	1/17/2007	1/25/2007		
	05534-01	В	SV	NA	1SVFE5230 Bolting	Replacement	No	1/23/2007	1/24/2007		
	05539-01	В	SV	NA	1\$VFE5220 Flange Bolting	Replacement	No	12/13/2006	12/18/2006		
	'05541-01	В	SV	NA	1SVFE5210 Flange Bolting	Replacement	No	12/13/2006	12/18/2006		
	'05542-01	В	SV	NA	1SVFE5200 Bolting	Replacement	No	1/23/2007	1/24/2007		
	09178-08	В	NV	NA	Replace 1NV-181A	Replacement	No	1/23/2007	1/23/2007		
	09178-12	В	NV	NA	Valve 1NV-181A	Replacement	No	1/23/2007	1/23/2007		
	17483-01	В	NV	NA	Replace 1NV-11A	Replacement	No	1/23/2007	1/23/2007		
	'18476-01	В	CA	NA	Bolting for 1CAFE5090	Replacement	No	1/18/2007	2/5/2007		
	19277-01	В	SV	NA	1SV-008 Valve Disc	Replacement	No	11/29/2006	11/29/2006		
	724930-01	В	NS	NA	NS Pump "1A" Bolting	Replacement	No	12/5/2005	12/5/2005		
	35105-01	В	SV	NA	Disc for Valve 2SV-21	Replacement	No	4/11/2006	4/12/2006		
	737882-01	В	ND	NA	Snubber 1-R-ND-226	Replacement	No	11/10/2005	11/17/2005		
	741212-01	В	SV	NA	Rod End for 1-R-SV-1621	Replacement	No	11/10/2005	11/18/2005		
	741734-08	В	SV	NA	1SV-001 Plug Assembly	Replacement	No	1/22/2006	1/25/2006		
	1128827	С	KC	NA	Replace Seal Gland	Replacement	No	10/31/2006	10/31/2006		
	58949-04	С	KC	NA .	Replace Valve 1KC-86	Replacement	No	1/16/2007	1/18/2007		
	92334-58	С	SM	11441/00	Install Manifold Valve 1SM1	New	No	1/9/2007	1/9/2007		
	92335-13	С	SM	11441/00	Install Manifold Valve 1SM3	New	No	1/9/2007	1/9/2007		
	92336-13	С	SM	11441/00	Install Manifold Valve 1SM5	New	No	1/9/2007	1/9/2007		
	92337-15	C.	SM	11441/00	Install Manifold Valve 1SM7	New	No	1/9/2007	1/9/2007		
	00295-01	С	KC	CE100827	Replace Valve 1KC-105	Replacement	No	1/18/2007	1/30/2007		
11	00566-02	С	RN ·	CD100431	1A RN Piping to NS HX	Replacement	No	1/4/2007	1/4/2007		
	00618-02	С	RN	CD100431	1B RN Piping to NS HX	Replacement	No	1/3/2007	1/4/2007		
	03278-29	С	RN	CD100139	1A RN Essential Header	Replacement	No	1/2/2007	1/4/2007		
11	06827-28	С	RN	CD100139	1B RN Essential Header	Replacement	No	1/2/2007	1/4/2007		
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1111176-24	С	RN	CD100139	RN Non Essential Header	Replacement	No	1/2/2007	1/3/2007		
1113415-01	C	LD	NA	Replace 1-R-LD-0074	Replacement	No	9/14/2006	9/19/2006		
1119872-10	С	KF	NA	KF Pump "1B" Seal Gland	Replacement	No	1/23/2007	1/23/2007		
1124269-02	C	RN	CD100431	1A RN Essential Header	Replacement	No	1/4/2007	1/8/2007		
1124270-02	С	RN	CD100431	1B RN Essential Header	Replacement	No	1/4/2007	1/9/2007		
1124738-01	C	KD	NA	Valve 1KD-023	Replacement	No	2/13/2007	2/14/2007		
1124823-01	С	CA	NA	Flange Bolting for 1CA-32	Replacement	No	12/14/2006	12/19/2006		
1124862-03	Ĉ	КC	NA	Replace Valve 1KC-281	Replacement	No	1/16/2007	1/18/2007		
1126836-04	Ċ	RN	NA	Valve 1RN-855	Replacement	No	11/29/2006	11/29/2006		
1128445-02	Ċ	KC	CD100872	Removed KC Piping	Replacement	No	1/30/2007	2/5/2007		
1128826-32	Č.	RN	CD100415	1B RN Support Header to KC HX	Replacement	No	1/3/2007	1/4/2007		
1129229-10	Č	RN	CE500940	Repair 42" RN Pipe	Repair	No	7/19/2006	8/1/2006		
1129229-25	Ċ	RN	CE500940	Repair 42" RN Pipe	Repair	No	7/19/2006	8/1/2006		
1709149-02	Č	RN	NA:	Repair RN Piping	Repair	No	2/19/2007	2/19/2007		
1721617-08	Č	KC	NA	CCP "1A1" Seal Glands	Replacement	No	12/16/2006	12/19/2006		
1722972-01	Č	KD	NA	Restore KD Piping	Replacement	No	1/25/2007	1/25/2007		
98453424-11	Č	NC	NA	RCP Motor Repair	Repair	No	3/30/2006	4/15/2006		
98645162-01	Č	YC	NA	Refurbished Valve 1YC-65	Replacement	No	3/20/2006	3/22/2006		
98674834-16	Č	RN	NA	1RN-28 Bolting	Replacement	No	1/30/2006	2/8/2006	•	
98689087-15	Č	RN	NA	1RN1 Bolting	Replacement	No	1/30/2006	2/8/2006		
98689087-45	Č	RN	NA	48" RN Piping	Repair	No	1/22/2006	1/27/2006		
98689671-10	Č	RN	NA	1RN3 Bolting	Replacement	No	1/30/2006	2/8/2006		
98698074-20	Č	RN	NA	Bolting for 1RN5A	Replacement	No	2/9/2006	2/10/2006		
98698074-46	Č	RN	NA	Replace 4" RN Piping	Replacement	No .	4/12/2006	4/13/2006		
98699933-06	Č	RN	NA	BMR on Spare NSW Pump	Repair	No	3/30/2006	4/1/2006		
98709783-03	Č	RN	CD500175	Install RN B Train Piping	Replacement	No	2/9/2005	2/14/2006		
98714306-40	Č	RN	CD100064	Install Piping for DG 1A	Replacement	No	2/14/2006	2/16/2006		•
98715462-03	Č	RN	CD500100	Lifting lug on 48" RN Pipe	New	No	12/29/2005	1/3/2006		
98715462-04	Č	RN	CD500100	RN Pipe Repairs	Repair	No	11/10/2005	11/17/2005		
98715589-17	Č	RN	.NA	Bolting for Valve 1RN-6B	Replacement	No	2/23/2006	2/28/2006		
98715589-55	Č	RN	CD500242	BMR on 48" RN Pipe	Repair	No	12/29/2005	1/3/2006		
98715631-17	Č	RN	NA	Bolting for Valve 1RN-2B	Replacement	No	2/23/2006	2/28/2006		
98728466-40	Č	RN	CD100064	Install RN Piping for DG 1B	Replacement	No	2/20/2006	2/21/2006		
98728804-01	Č	RN	CD500062	Install RN A Train Piping	New	No	3/20/2006	3/20/2006		
98728806-01	Č	RN	CD500062	Install B Train RN Piping	Replacement	No	2/16/2006	2/21/2006		
98731785-02	Č	RN	CD500063	Install A Train RN Piping	Replacement	No	2/14/2006	2/14/2006		
98731786-02	Č	RN	CD500063	Install RN A Train Piping	Replacement	No	2/6/2006	2/13/2006		

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98731787-02	С	RN	CD500063	Install RN B Train Piping	Replacement	No	2/9/2006	2/14/2006
98737067-03	Ċ	RN	CD500175	Install RN A Train Piping	Replacement	No	2/13/2006	2/13/2006
98738525-09	Č	RN	CD5000173	Install A Train Crossover Piping	Replacement	No	1/31/2006	2/9/2006
98738525-21	C	RN	CD500062	1RN36A Bolting	Replacement	No	2/1/2006	2/8/2006
98738526-08	Ċ	RN	CD500062	Install B Train Crossover Piping	Replacement	No	1/31/2006	2/9/2006
98738526-13	C	RN	CD500062	1RN37B Bolting	Replacement	No	1/31/2006	2/8/2006
98742243-01	C	RN	NA	Repair RN Piping	Repair	No	11/10/2005	11/22/2005
98744772-01	C	RN	NA.	Valve 1RNE97	Replacement	No	1/30/2006	2/10/2006
	C		CD500065	Addition of Threaded Plug	New	No	2/27/2006	2/28/2006
98744908-02		RN	CD500065	Repair 42" RN B Train Piping	Repair	No	2/8/2006	2/13/2006
98745150-08	C	RN RN	CD500376	Bolting for Manway M-9-1		No	2/23/2006	2/28/2006
98745151-26			NA	Manway M-7-1 Bolting	Replacement	No	1/27/2006	2/8/2006
98745152-10	C	RN RN	CD500376	42" RN Piping	Replacement Repair	No	1/28/2006	1/28/2006
98745153-08 98745153-10	C	RN	NA	Manway M-8-1 Bolting		No	1/27/2006	2/8/2006
				42" RN Piping	Replacement	No	1/27/2006	1/27/2006
98745154-17	С	RN	CD500376	, ,	Repair			2/8/2006
98745154-26	С	RN	NA	Bolting Perform NDE on 1RN144-107	Replacement	No	1/27/2006	
98751797-01	Ċ	RN	NA		Replacement	No	2/3/2006	2/8/2006
98752545-11	С	RN	CD500376	Repair 42" RN Pipe	Repair	No	2/8/2006	2/13/2006
98752546-16	C	RN	NA	Manway M-5-1 Bolting	Replacement	No	1/27/2006	2/8/2006
98752547-18	C	RN	NA	Manway M-6-1 Bolting	Replacement	No	1/27/2006	2/8/2006
98752886-14	C	RN	CD500062	Refurbished RN Strainer 1A	Replacement	No	2/3/2006	2/14/2006
98755026-08	C	RN	CD500062	Bolting for RN Strainer 1B	Replacement	No	2/23/2006	2/28/2006
98755026-14	C	RN	CD500062	R/R RN Piping	Replacement	No	2/23/2006	2/24/2006
98759330-12	C	RN	NA	Bolting for 1RN6B	Replacement	No	2/9/2006	2/10/2006
98759331-18	С	RN	NA	1RN2B Bolting	Replacement	No	1/30/2006	2/8/2006
98761920-01	С	RN	NA	Perform NDE on 1RN139-66,65	Replacement	No	2/3/2006	2/4/2006
98763932-01	С	YC	CE100765	Valve 1YC358	Replacement	No	1/27/2006	2/10/2006
98764245-08	С	RN	NA	Bolting for 1RN4B	Replacement	No	2/9/2006	2/10/2006
98765658-10	C	RN	NA	Manway M-7-1 Bolting	Replacement	No	1/27/2006	2/8/2006
98767635-55	C	RN	NA	Remove/Replace RN Piping	Replacement	No	3/19/2006	3/20/2006
98769586-05	С	RN	NA	Bolting for 30" RN Piping	Replacement	No	2/23/2006	2/28/2006
98769587-05	С	RN	NA	Bolting for 30" RN Piping	Replacement	No	2/23/2006	2/28/2006
98770301-01	. C	RN	NA	RN Weld Repair	Repair	No	2/9/2006	2/10/2006
						Yes C-06-		
98776672-01	·C	RN	CD500832A	Repair RN Pipe Leak	Repair	1265	3/29/2006	4/15/2006
98788968-01	C.	RN	CE500940	Repair RN Pipe Leak	Repair	No	6/12/2006	7/18/2006
1064227-07	MC	ÑΑ	NA	Threaded Studs to Containment	Replacement	No	1/18/2007	1/24/2007

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1108457-03	NF	NV	NA	Restore 1-R-NV-1756	Replacement	No	1/10/2007	1/15/2007	
1115114-09	ŊF	KC	CE100499	1-R-KC-1029 Pipe Clamp	Replacement	No	12/21/2006	12/21/2006	
1119888-14	NF	CA	NA	S/R 1-R-CA-1637	Replacement	No	12/14/2006	12/19/2006	
1124506-15	NF	NW	CD100431	S/R 1-R-NW-023	Replacement	No	12/16/2006	12/19/2006	
1124507-15	NF	NW	CD100431	U-Bolt for 1-R-NW-0021	Replacement	No	12/14/2006	12/19/2006	
1124814-09	NF	NC	NA	Weld 1-R-NC-1075-1	Replacement	No	12/10/2006	12/12/2006	
1124815-11	NF	CF	NA	S/R 1-R-CF-1562	Replacement	No	12/19/2006	12/20/2006	
1124815-18	NF	SA	NA	Bolting for 1-R-SA-0014	Replacement	No	12/19/2006	12/20/2006	
1124993-03	NF	NM	NA	U-Bolt for 1-R-NW-1003	Replacement	No	12/16/2006	12/19/2006	
1125080-04	NF	NC	NA	Restore 1-R-NC-2320	Replacement	No	1/10/2007	1/15/2007	
1127089-07	NF	NI	CD100867	Restore S/R 1-A-NI-4147	Replacement	No	1/18/2007	1/24/2007	
1703184-07	NF	NV	CD100867	S/R 1/R/NV/2282	Replacement	No	1/18/2007	1/25/2007	
1709178-08	NF	NV	NA	U-Bolt for 1-A-NV-8392	Replacement	No	12/13/2006	12/14/2006	
1717483-08	NF	NV	CE101194	S/R 1-R-NV-1396	Replacement	No	1/22/2007	1/25/2007	
1721890-01	NF	NV	NA	S/R 1-R-NV-1577/1415	Replacement	No	12/13/2006	12/14/2006	
1722414-02	NF	ND	NA	S/R 1-R-ND-226	Replacement	No	12/13/2006	12/14/2006	
98698074-43	NF	RN	NA	Pivot Pin for S/R 10A/RN/3470	Replacement	No	3/2/2006	3/13/2006	
98702950-13	NF	SV	NA	Bolting for S/R 1-R-SV-1660	Replacement	No	3/2/2006	3/10/2006	
98709783-11	NF	RN	CD500175	S/R 1-R-RN-344	Replacement	No	2/6/2006	2/13/2006	
98728804-41	NF	RN	CD500062	S/R 1-I-RN-0004	Replacement	No	1/27/2006	2/11/2006	
98728805-03	NF	RN	CD500062	S/R 1-R-RN-066	Replacement	No	2/9/2006	2/10/2006	
98728807-03	NF	RN	CD500062	S/R 1-R-RN-0070	Replacement	No	2/9/2006	2/10/2006	
98728807-28	NF	RN	CD500062	S/R 1-R-RN-0006	Replacement	No	2/9/2006	2/10/2006	
98737067-11	NF	RN	CD500175	S/R 1-R-RN-122	Replacement	No	1/18/2006	1/27/2006	
98763250-03	NF	RN	CD500063	S/R 1-R-RN-103	Replacement	No	2/1/2006	2/11/2006	
•			•						
	•							-	

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As Required By The Provisions Of The ASME Code Section XI

1. Owner <u>DUKE POWER COMPANY</u> Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-						1a Date 0	01/17/07	1		Sheet 1 of 1			
				<u>.C. 28201-</u>	1006								
	lant CATAWBA NU					2a Unit	$\boxtimes$ 1	2	3	Sh	ared (specify U	nits ( )	
	Address 4800 CONCO					•					·-		
	Work Performed By					3a Work C	order#	1081149	9-28			•	
	Address <u>526 S. Chu</u>												
Type Code Symbol Stamp N/A Authorization No. N/A						3b NSM o	r MN #	CD1005	548				
	Expiration Date <u>N/</u>												
	dentification of Sys					Class A							
	(a) Applicable Const										•		
	b) Applicable Edition					1998 Adde	nda 200	00					
6.	Identification of Cor			ent Compo	nents							,	
	Column 1	Column 2	Column 3	Column		Colu	mn 5		(	Column	Column 7	Column	
				4						6		8	
	Name of	Name of	Manufacturer	NΒ	0	ther Identif	ication	(Size)		Year	Corrected,	ASME	
	Component	Manufacturer	Serial	Number						Built	Removed or Installed	Code Stamped	
			Number								Ilistaned	(yes or no)	
A	Pipe Welds	Duke Power Co.	C-1NS	118	1ND4-7	1NS2-1			2	006	Installed	Yes	
В						····	<del></del> .			· ·· ·································	_	_	
C											-	-	
D								·					
וע											-		
E												-	
F						•					-	-	
			·									<u> </u>	

Revision 6

7. Description of Work Rotate Valve 1NS-18A_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 335 psig Test Temp. 155 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date ///7 ,20 07  Owner or Owner's Designee, Title
<u></u>
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 10-10-06 to 1-18-07 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 measure described in this Owners 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.  Commissions
Date 1-18_,20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/19/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔲 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1081300	0-01
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		
4 Identification of System	Class B	
SV MAIN STEAM VENT TO ATMOSPHERE		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	nts 1998 Addenda 2000	
6 Identification of Commonwest Provinced on Provinced Commonwest		

6. Identification of Components Repaired or Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Disc	Dresser	ADF-01	NA	For valve tag 1SV-14	NA	Removed	No
В	Disc	Dresser	ADZ-02	NA	For valve tag 1SV-14	NA	Installed	No
С		·					-	-
D							-	-
Е							-	-
F					·		-	-

7. Description of Work Repair Valve 1SV-14_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed / S
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
Inspector's Signature Commissions NC978
Date 12-20,20_06

1.0	Owner DUKE POWE	R COMPANY			1a Date 12/21/06		Sheet 1 of 1	
A	Address <u>526 S. CHUR</u>	CH STREET. C	CHARLOTTE N	.C. 28201-	<u>1006</u>			
2. r	Plant CATAWBA NU	JCLEAR STATI	ION		2a Unit 🔀 1 🔲 2	□ 3 □ Sha	ared (specify U	nits ( )
,	Address 4800 CONCO	RD RD. YORK	., S.C. 29745					
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1124852-	05		
	Address 526 S. Chu			006				
	Type Code Symbol	Stamp N/A Auth	norization No. N	/A	3b NSM or MN # NA			
	Expiration Date N/A	7	_					
	Identification of Sys		TOR COOLAN	T SYSTEM	I Class A			
	(a) Applicable Const	· ·						
	· · · · · · · · · · · · · · · · · · ·				placements 1998 Addenda 2000			
	Identification of Cor		•	-				
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
	<del>-</del>			4		. 6		8
	Name of	Name of	Manufacturer	N B	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or	Code
	Ţ		Number				Installed	Stamped (yes or no)
A	Bolting	NA	NA	NA	For valve 1NC-002 flanges	NA	Installed	No
			- \					
В							_	
ב								
C	<u> </u>						_	
	,						_	
D								
E							_	<del> </del>
_					·			
F							_	

7. Description of Work Restore Valve 1NC-002_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 12/21, 2006  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-6-06 to 12-21-06 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 measure described in this Owners 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  Date 12-21,2006

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/13/06	Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745	•	
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124947-06	ó
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		
4 Identification of System	Class A	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases	·
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	
6 Identification of Commonants Densined on Denlessment Commonants		

6. Identification of Components Repaired or Replacement Components

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Cover to Body Seal Weld	Duke Power Co.	C-1NV	127	Valve tag 1NV495	2006	Corrected	No
В							-	-
С							-	_
D							_	-
E			·				-	-
F							-	-

7. Description of Work Repair Valve 1NV495_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 12/13 ,2006  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 and employed by <u>HSB I AND I Company of Connecticut</u> have inspected the components described in this Owners Report during the period
Robert M. Commissions NC 978 Inspector's Signature  Date 12-18,2006

1.	Owner DUKE POWE	R COMPANY			1a Date 01/23/07	Sheet 1 of 1		
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006					Sheet 1 of 1			
2. Plant CATAWBA NUCLEAR STATION			2a Unit 🛛 1 🔲 2	3 ☐ Sh	ared (specify U	(nits)		
	Address 4800 CONCC		17			5 511	area (speen)	, mes
	Work Performed By		,		3a Work Order # 1125772-11			
	Address 526 S. Chu			006	Su Work Stdor W 1123772 Tr			
	Type Code Symbol				3b NSM or MN # NA			-
	Expiration Date N/	•	10112411011 1 (0. <u>1</u> .		30 11311 01 1111 11 1111			
4	Identification of Sys		TOR COOLAN	T SYSTEM	1 Class A			
	(a) Applicable Const							
					placements 1998 Addenda 2000		· .	
	Identification of Con		-					
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	N B	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or	Code
	•		Number				Installed	Stamped (yes or no)
A	Bolting	NA	NA	NA	Studs for Reactor Vessel Head Unit 1	NA	Installed	No
В							-	-
C							-	-
D							-	-
Ε							-	-
F							-	-
	ļ					1		Į.

7. Description of Work Replace Bolting For Unit 1 Reactor Vessel Head_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
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 rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
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
Robert my Lill Commissions NC 978
Inspector's Signature

1. 0	Owner DUKE POWER	R COMPANY			1a Date 01/23/07		Sheet 1 of 1	
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006			<u>1006</u>					
2. Plant CATAWBA NUCLEAR STATION				2a Unit 🛛 1 🔲 2	3 🔲 Sh	ared (specify U	nits ( )	
	Address 4800 CONCO	RD RD. YORK	, S.C. 29745					
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1126434-08			
	Address 526 S. Chui	rch St. Charlotte	, N.C. 28201-10	<u>)06</u>				
	Type Code Symbol S	Stamp <u>N/A</u> Auth	norization No. <u>N</u>	<u> </u>	3b NSM or MN # CD100829			
	Expiration Date N/A	<u>4</u>						
4	Identification of Sys	tem NC REAC	TOR COOLAN	T SYSTEM	I Class A			
5.	5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code Cases							
(	(b) Applicable Editio	on of Section XI	Utilized for Rep	pairs or Rep	placements 1998 Addenda 2000			
6.	Identification of Cor	nponents Repair	red or Replacem	ent Compo	nents			
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
·	·			4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number	·	Built	Removed or	Code
			Number				Installed	Stamped (yes or no)
A	Weld Overlay	WSI	C-INC	NA	Weld #1NC224-1V for Unit 1	2006	Installed	Yes

	·	<u> </u>						. i
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
Α	Weld Overlay	WSI	C-1NC	NA	Weld #1NC224-1V for Unit 1 Pressurizer Nozzle (1NC001)	2006	Installed	Yes
В	! 	·					-	-
С		·					-	-
D	·							-
Е							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

Signed

Owner or Owner's Designee, Title

TECH SPEC Date 1/23

	CERTIFICATE OF INSERVICE INSPECTION
I, th	ne undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
beli the By example 1	the or Province of and employed by HSB I AND I Company of Connecticut have inspected the components cribed in this Owners Report during the period to
	Commissions VC978  Inspector's Signature
Date	e_2-6_,20_07

1. Owner DUKE POWER COMPANY	1a Date 01/23/07	Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745	2a Ollit [2] [ ] 3	Shared (specify Offits[
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1704233-08	
Address 526 S. Church St. Charlotte, N.C. 28201-1006	·	
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD100829	·
Expiration Date <u>N/A</u>		
4 Identification of System NC REACTOR COOLANT SYSTEM	Class A	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	
6. Identification of Components Repaired or Replacement Components		

<u> </u>	b. Identification of Components Repaired of Replacement Components							
	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
Α	Weld Overlay	WSI	C-1NC	NA	Weld #1NC258-1V for Unit 1 Pressurizer Nozzle 4B	2006	Installed	Yes
В							-	-
C							-	-
D							-	-
E							-	-
F							-	-

ASME	Section	XI M:	anual

Form NIS-2 (Back)

Section E Exibit A

7. Description of Work PZR Pre-emptive Full Structural Weld Overlay_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 2230 psig Test Temp. 657 deg.F.
9. Remarks _ Code CasesN-504-2 N-638-1
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed ALL STECH SPEC Date 1/23 ,2007 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to 2-6-07 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 measure described in this Owners 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.
Robert McGU Commissions NC978  Inspector's Signature
Date 2-6_,20_07

1.	Owner <u>DUKE POWE</u>	R COMPANY			1a Date 01/23/07		Sheet 1 of 1	
٠.	Address <u>526 S. CHUR</u>	CH STREET. C	CHARLOTTE N	.C. 28201-	<u>1006</u>		•	
2.	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🛛 1 🔲 2 🔲	3  Sh	ared (specify U	nits (
	Address 4800 CONCO	RD RD. YORK	., S.C. 29745					
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1704234-08			
	Address 526 S. Chu	rch St. Charlotte	, N.C. 28201-10	<u>)06</u>				
	Type Code Symbol S	Stamp <u>N/A</u> Autl	norization No. <u>N</u>	<u>[/A</u>	3b NSM or MN # CD100829			
	Expiration Date N/A	<u>A</u>						
4	Identification of Sys	tem NC REAC	TOR COOLAN	T SYSTEM	I Class A			
5.	(a) Applicable Const	ruction Code III	1974 Edition, S	S'75 Adden	nda, Code Cases		•	
					placements 1998 Addenda 2000			
6.	Identification of Cor	mponents Repair	red or Replacem	ent Compo	nents			
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
<u> </u>				4		6		. 8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or	Code Stamped
			Number				Installed	(yes or no)
Α	Weld Overlay	WSI	C-1NC	NA	Weld #1NC227-1V for Unit 1	2006	Installed	Yes
			·		Pressurizer Nozzle 4A			
В	·				` .		-	
С							-	
			·		·			
D		·					-	-
E							-	-
F			·				-	-

7. Description of Work PZR Pre-emptive Full Structural Weld Overlay_				
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 2230 psig Test Temp. 657 deg.F.				
9. Remarks _ Code CasesN-504-2 N-638-1				
(Applicable Manufacturers Data Records to be attached)				
CERTIFICATE OF COMPLIANCE				
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.				
Type Code Symbol Stamp N/A Expiration Date N/A				
Certificate of Authorization No. N/A  Signed				
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to 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 measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.				
Inspector's Signature  Commissions NC-978				
Date _ 2 - 6 ,20_07				

	Owner DUKE POWE				1a Date 01/23/07		Sheet 1 of 1	
ı	Address <u>526 S. CHUR</u>	CH STREET. C	CHARLOTTE N	I.C. 28201-	<u>1006</u>			
2.,	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🛛 1 🔲 2 📗	]3 🔲 Sh	ared (specify U	inits ( )
	Address 4800 CONCO	RD RD. YORK	I, S.C. 29745					
3.	Work Performed By	Duke Power C	Company		3a Work Order # 1704235-08	•		
	Address 526 S. Chu	rch St. Charlotte	e, N.C. 28201-10	<u> </u>				
	Type Code Symbol	Stamp <u>N/A</u> Autl	horization No.	<u> </u>	3b NSM or MN # CD100829			
	Expiration Date N/A	<u>A</u>						
4	Identification of Sys	tem NC REAC	TOR COOLAN	T SYSTEM	1 Class A			
5.	(a) Applicable Const	ruction Code III	1974 Edition,	S'75 Adden	nda, Code Cases			
	(b) Applicable Edition	on of Section XI	Utilized for Rep	pairs or Rep	placements 1998 Addenda 2000			
6.	Identification of Cor	mponents Repair	red or Replacem	ent Compo	nents		•	
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or	Code
			Number				Installed	Stamped (yes or no)
Α	Weld Overlay	WSI	C-1NC	NA	Weld #1NC173-1V for Unit 1	2006	Installed	Yes
					Pressurizer Nozzle 3			
В							_	-
С							-	-
								1
D							_	_
				·				
Е							-	-
F							-	-

7. Description of Work PZR Pre-emptive Full Structural Weld Overlay_						
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 2230 psig Test Temp. 657 deg.F.						
9. Remarks _ Code CasesN-504-2 N-638-1						
(Applicable Manufacturers Data Records to be attached)						
CERTIFICATE OF COMPLIANCE						
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.						
Type Code Symbol Stamp N/A Expiration Date N/A						
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 1/23 ,2007  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						
Commissions NC978 Inspector's Signature						
Date 2-6_,20_07						

1. Owner DUKE POWER COMPANY				1a Date 01/23/07		Sheet 1 of 1		
	Address 526 S. CHUR	CH STREET. C	CHARLOTTE N	.C. 28201-	<u>1006</u>			
2.	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🔀 1 🔲 2	]3	ared (specify U	nits )
	Address 4800 CONCC							
3.	Work Performed By	Duke Power C	Company		3a Work Order # 1704236-08			•
	Address 526 S. Chu	rch St. Charlotte	e, N.C. 28201-10	<u> 006</u>				
	Type Code Symbol	Stamp <u>N/A</u> Autl	horization No. <u>N</u>	<u> </u>	3b NSM or MN # CD100829			
	Expiration Date N/	<u>A</u>						
4	Identification of Sys	tem NC REAC	TOR COOLAN	T SYSTEM	1 Class A			
5.	(a) Applicable Const	ruction Code III	1974 Edition,	S'75 Adden	nda, Code Cases			•
					placements 1998 Addenda 2000			
6.	Identification of Con	mponents Repai	red or Replacem	ent Compo	nents			
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
	·			4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number	·	Built	Removed or	Code
			Number		·		Installed	Stamped (yes or no)
A	Weld Overlay	WSI	C-1NC	NA	Weld #1NC190-24V for Unit 1	2006	Installed	Yes
					Pressurizer Nozzle 2			ļ <u>.</u>
В							-	-
					·			
C							-	-
D							-	-
			·					
E							-	-
-								
F							-	-
		<u> </u>						

Form NIS-2 (Back)

Section E Exibit A

7. Description of Work PZR Pre-emptive Full Structural Weld Overlay_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 2230 psig Test Temp. 642 deg.F.
9. Remarks _ Code CasesN-504-2 N-638-1
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Alb Stb TECH SPEC Date 1/23 ,2007 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 and employed by <u>HSB I AND I Company of Connecticut</u> have inspected the components described in this Owners Report during the period to 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 measure described in this Owners 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 NC97B
Date _ 2-6,20_07

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

1.	Owner DUKE POWE	<u>R COMPANY</u>			1a Date 01/23/07		Sheet 1 of 1	
,	Address <u>526 S. CHUR</u>	CH STREET, C	CHARLOTTE N	<u>I.C. 28201-</u>	<u>1006</u>			
2. 1	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🛛 1 🔲 2 🔲	3 🔲 Sh	ared (specify L	Jnits )
	Address 4800 CONCC	RD RD. YORK	., S.C. 29745			.*	•	
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1704237-09			
	Address 526 S. Chu	rch St. Charlotte	, N.C. 28201-10	<u> </u>				
	Type Code Symbol	Stamp N/A Autl	norization No. <u>N</u>	<u> </u>	3b NSM or MN # CD100829			
	Expiration Date N/	<u>A</u>						
	Identification of Sys				,			
	(a) Applicable Const					•		
					placements 1998 Addenda 2000			
6.	Identification of Con	mponents Repair	red or Replacem	ent Compo	nents			
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or	Code Stamped
			Number				Installed	(yes or no)
A	Weld Overlay	WSI	C-1NC	NA	Weld #1NC26-3V for Unit 1 Pressurizer	2006	Installed	Yes
	·				Surge Line			
В							-	-
C							-	-
D							-	-
						ļ		
E							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

Date 2-6_,20_07_

information in items 1 through 6 on this reports 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 PZR Pre-emptive Full Structural Weld Overlay 8. Test Conducted: Hydrostatic | Pneumatic | Nominal Operating Pressure | Other Exempt Pressure 2230 psig Test Temp. 642 deg.F. 9. Remarks Code Cases - N-504-2 N-638-1 (Applicable Manufacturers Data Records to be attached) CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. N/A TECH SPEC Date 1/27 ,20 07 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 ______ and employed by <u>HSB I AND I Company of Connecticut</u> have inspected the components described in this Owners Report during the period 11-16-06 to 2-6-07 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 measure described in this Owners 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.

Commissions NC 978

1.	Owner DUKE POWE	R COMPANY			1a Date 01/25/07		Sheet 1 of 1	
A	Address <u>526 S. CHUR</u>	CH STREET. C	HARLOTTE N	.C. 28201-	<u> 1006</u>			
2. i	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🔀 1 🔲 2 📗	3 🗌 Sh	ared (specify U	nits)
	Address 4800 CONCO	RD RD. YORK	, S.C. 29745					
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1719281-01			
	Address 526 S. Chu	rch St. Charlotte	, N.C. 28201-10	<u>)06</u>	•			
	Type Code Symbol	Stamp <u>N/A</u> Autl	norization No. <u>N</u>	<u>/A</u>	3b NSM or MN # NA			
	Expiration Date N/A							
	Identification of Sys				Class A			
	(a) Applicable Const							
			•		placements 1998 Addenda 2000			
6.	Identification of Cor	<del></del>			<u>,                                      </u>		·	·
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or Installed	Code Stamped
			Number				Instance	(yes or no)
A	Weld Repair	Duke Power	C-1NI	128	Weld repair Bonnet to Body seal weld	2006	Corrected	Yes
		Co.		·	for valve 1NI-19.			
В							-	-
C			·				-	-
D							_	-
E							-	<b>-</b>
							•	

Date ]-30_,20_67 __

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 7. Description of Work Weld Repair valve 1NI-19 Pneumatic Nominal Operating Pressure 8. Test Conducted: Hydrostatic Other | Exempt | Pressure Test Temp. 9. Remarks _ Code Cases ___NONE_ (Applicable Manufacturers Data Records to be attached) **CERTIFICATE OF COMPLIANCE** We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. N/A TECH SPEC Date 1/25 ,2007 Signed 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 11-16-06 to 1-30-07 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 measure described in this Owners 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. _____Commissions _NC978

1.0	wner DUKE POWE	R COMPANY			1a Date 12/13/06		Sheet 1 of 1	
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006			<u>1006</u>					
2. P	ant CATAWBA NU	JCLEAR STATIO	NC		2a Unit 🛛 1 🔲 2 🔲	3 🗌 Sh	ared (specify U	nits ( )
Α	ddress 4800 CONCO	RD RD. YORK,	S.C. 29745					
	Work Performed By				3a Work Order # 1720102-01			
	Address 526 S. Chu							
	Type Code Symbol	_	orization No. <u>N</u>	<u> </u>	3b NSM or MN # NA			
	Expiration Date N/A							
	dentification of Sys							
	<ul><li>a) Applicable Const</li></ul>							
			-	•	placements 1998 Addenda 2000			
6.	Identification of Cor					T	<del>,</del>	
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column 8
				4		6		
	Name of	Name of	Manufactur	NB	Other Identification (Size)	Year	Corrected, Removed or	ASME Code
	Component	Manufacturer	er Serial	Number		Built	Installed	Stamped
	DILLE		Number	37.1		27.		(yes or no)
A	RX Head	Westinghouse	NA ·	NA:	Repair indications found at the Reactor	NA	Corrected	No
_					Vessel Head Vent Line Penetration			
В							-	-
c						<del> </del>	_	_
D							-	-
Е				:			· .	-
F							-	-

7. Description of Work Repair RX Head Vent Line Pen
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_Repair by grinding only. No weld repair.
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 1/-22-06 to 12-18-06 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 measure described in this Owners 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.
Commissions NC 978 Inspector's Signature
Date 12-18_,20_D6

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/19/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1720392	2-01
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		
4 Identification of System NC REACTOR COOLANT SYSTEM	Class A	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	
6. Identification of Components Repaired or Replacement Components		

Column 5 Column Column Column Column 7 Column 1 Column 2 Column 3 8 6 Name of Name of Manufacturer N B Other Identification (Size) Year Corrected. **ASME** Removed or Code Component Manufacturer Serial Number Built Stamped Installed Number (yes or no) Safety Relief Valve with s/n BS-02870 Disc AAC-84 NA NA Dresser Removed No Disc NA Safety Relief Valve with s/n BS-02870 NA No Dresser AAC-27 Installed Nozzle Dresser AAB-07 NA Safety Relief Valve with s/n BS-02870 NA Removed No D Nozzle AAB-28 NA Safety Relief Valve with s/n BS-02870 NA Installed No Dresser Ε F

ASME Section XI Manua	A S M	F Section	n XI N	Manua
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Form NIS-2 (Back)

Section E Exibit A

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 7. Description of Work Repair NC Relief Valve with S/N BS-02870_ 8. Test Conducted: Hydrostatic Pneumatic | Nominal Operating Pressure Other | Exempt | Pressure Test Temp. 9. Remarks _ Code Cases ___NONE_Valve returned to the warehouse and will be installed at a later date. (Applicable Manufacturers Data Records to be attached) CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. N/A Signed 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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 11-21-06 to 12-20-06 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 measure described in this Owners 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.
Robert M. Lil Commissions MC 978  Inspector's Signature
Date_\2-20,20_O6

1. Owner <u>DUKE POWER COMPANY</u>					1a Date	1a Date 01/25/07			Sheet 1 of 1		
A	Address <u>526 S. CHUR</u>	CH STREET. C	CHARLOTTE N	<u>.C. 28201-1</u>	.006						
2. F	Plant CATAWBA NU	CLEAR STAT	ION		2a Unit	$\boxtimes$ 1	2	☐ 3	Sha	ared (specify U	nits )
Ä	Address 4800 CONCO	RD RD. YORK	I, S.C. 29745			, ,				-	
3.	Work Performed By	Duke Power C	Company		3a Work	Order#	1721971	1-02			
	Address 526 S. Chui	rch St. Charlotte	e, N.C. 28201-10	<u> 006</u>							
Type Code Symbol Stamp N/A Authorization No. N/A					3b NSM	or MN#	NA				
	Expiration Date N/A	<u>4</u>									
4]	dentification of Sys	Class A	ě				•				
5. (	(a) Applicable Const	ruction Code III	1974 Edition,	S'75 Adden	da, Code Cases						
(	(b) Applicable Editio	on of Section XI	Utilized for Rej	pairs or Rep	lacements 1998 Ado	denda 20	00				
6.	Identification of Cor	nponents Repair	red or Replacem	ent Compor	nents						
	Column 1	Column 2	Column 3	Column	Col	umn 5			Column	Column 7	Column

<u> </u>	. Identification of Components Repaired of Replacement Components									
	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8		
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)		
A	Seal Weld	Duke Power Co.	C-1NI	128	Bonnet to Body seal weld for valve 1NI-352	2006	Corrected	Yes		
В							- •	-		
С			·				-	-		
D							-	-		
E	·						-	-		
F							-	-		

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

information in items 1 through 6 on this reports 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 Seal weld for Valve 1NI-352_ Other Exempt 🖂 Pneumatic | Nominal Operating Pressure 8. Test Conducted: Hydrostatic Pressure psig Test Temp. deg.F. 9. Remarks _ Code Cases ___NONE_ (Applicable Manufacturers Data Records to be attached) CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-8-06 to 1-30-07 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 measure described in this Owners 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.  Commissions <u>NC978</u> Unique 1.30,20_07

1. Owner DUKE POWER COMPANY					1a Date 8/2/03	Sh	neet of				
	ddress <u>526 S. CHUR</u>										
2. Plant CATAWBA NUCLEAR STATION					2a Unit 🔀 1 🔲 2 🔲	3 Sh	ared (specify U	nits)			
A	Address 4800 CONCO	RD RD. YORK	, S.C. 29745								
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1023772-05						
Address 526 S. Church St. Charlotte, N.C. 28201-1006											
	Type Code Symbol	Stamp <u>N/A</u> Auth	norization No. <u>N</u>	<u>I/A</u>	3b NSM or MN # CE61611	3b NSM or MN # CE61611					
	Expiration Date N/A										
4 I	dentification of Sys	tem NI SAFET	Y INJECTION :	SYSTEM	Class B						
5. (	(a) Applicable Const	ruction Code III	1974 Edition, S	S'75 Adden	da, Code Cases						
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1998 Addenda 2000											
6.	6. Identification of Components Repaired or Replacement Components										
İ	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column			
				4		6		8			
	Name of	Name of	Manufacturer	N B	Other Identification (Size)	Year	Repaired.	ASME			
	Component	Manufacturer	Serial	Number	•	Built	Replaced. or	Code Stamped			
			/ Number				Replacement	(yes or no)			
A	Pipe/Fittings	NA	NA	NA	1-1/4" Pipe-SA106, 1-1/4"- Coupling-	NA	Replacement	No			
					SA105, 1-1/4" 90 ell- SA105						
В	Pipe Welds	Duke Energy	C-1NI	128	1-1/4" Tee-SA105	2006	Replacement	Yes			
C							-	-			
D							-	-			
E			•		•		-	-			
		·									
F							-	-			

7. Description of Work Install Oil Drain Piping_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_Drain line is gravity flow with minimal flow
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 8 2 - 0 4 to 8 - 3 - 06 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 measure described in this Owners 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.  Commissions 1/2 97 80  Inspector's Signature
Date \$\frac{9}{3}_,20_\textit{.06}

As Required By The Provisions Of The ASME Code Section XI

1.	Owner DUKE POWE	R COMPANY			1a Date 12/14/06		Sheet 1 of 1	
,	Address <u>526 S. CHUR</u>	CH STREET. C	HARLOTTE N	I.C. 28201-	<u>1006</u>			
	Plant CATAWBA NU				2a Unit 🔀 1 🔲 2 🗀	]3 🔲 Sh	ared (specify U	nits )
	Address 4800 CONCO							
3.	Work Performed By				3a Work Order # 1100300-01			
	Address 526 S. Chu							
	Type Code Symbol	Stamp <u>N/A</u> Auth	orization No. <u>N</u>	<u>√A</u>	3b NSM or MN # CE101081			
	Expiration Date N/A	<u>A</u>						
4	Identification of Sys	tem NI SAFETY	INJECTION	SYSTEM	Class A			
5.	(a) Applicable Const	ruction Code III	1974 Edition,	S'75 Adden	nda, Code Cases			
	(b) Applicable Edition	on of Section XI V	Utilized for Rep	pairs or Rep	placements 1998 Addenda 2000			
6.	Identification of Con	mponents Repaire	ed or Replacem	ent Compo	nents		•	
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column.
				4		6		8
	Name of	Name of	Manufactur	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	er Serial	Number	, ,	Built	Removed or	Code
			Number		·		Installed	Stamped (yes or no)
A	Disc Assembly	Westinghouse	1307C79G0	NA	For Valve tag 1NI-94	2000	Corrected	No
			1					
В							-	_
C	,			,			-	-
						,		
D							_	-
E							-	-
			· .					
F							-	-

7. Description of Work Replace Disc for 1NI-94_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-10-06 to 12-19-06 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 measure described in this Owners 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.
Robert McW Commissions WC978 Inspector's Signature
Date 12-19,20.06

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/09/07	Sheet 1 of 3
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2 🔲 3	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745	<del></del> .	
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1098426-14	•
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NSM 11448/00	
Expiration Date $N/A$		
4 Identification of System NS CONTAINMENT SPRAY SYSTEM	Class B	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	nts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size) •	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Pipe/Fittings	NA .	NA	NA	10"x8" Red. FlgSA182 12"x8" Red SA403 12" FlgSA182 8" Pipe-SA312	NA	Installed	No
В	Bolting	NA	NA	NA	Rod- SA564 Hex Nut- SA564	NA	Installed	No
С	Pipe Welds	Duke Power Co.	C-1NS	118	1492-NS.00-38-1, 2, 3 1492-NS.00-36- 1, 2, 3 1492-NS.00-37-1, 2, 3	2006	Installed	No
D					-	·	-	_
E							-	
F							-	-

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/09/07	Sheet 2 of 3		
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006				
2. Plant CATAWBA NUCLEAR STATION	2a Unit \( \sum 1 \) \( \sum 2 \) \( \sum 3 \)	Shared (specify Units)		
Address 4800 CONCORD RD. YORK, S.C. 29745				
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1098426-14	•		
Address 526 S. Church St. Charlotte, N.C. 28201-1006				
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NSM 11448/00			
Expiration Date $N/A$				
4 Identification of System NS CONTAINMENT SPRAY SYSTEM	Class B			
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	nts 1998 Addenda 2000			

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve	Crane	D3955	NA	Valve tag 1NS-119	2005	Installed	Yes
В	Valve	Crane	D3956	NA	Valve tag 1NS-117	2005	Installed	Yes
С	Valve	Crane	D3957	NA	Valve tag 1NS-116	2005	Installed	Yes
D	Valve	Crane	D3958	NA	Valve tag 1NS-118	2005	Installed	Yes
Е							-	-
F							-	,

As Required By The Provisions Of The ASME Code Section XI

1. Owner <u>DUKE POWER COMPANY</u>	1a Date 01/09/07	Sheet 3 of $3$
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit 🛛 1 🔲 2 🔲 3	☐ Shared (specify Units☐ )
3. Work Performed By <u>Duke Power Company</u> Address 526 S. Church St. Charlotte, N.C. 28201-1006	3a Work Order # 1098426-14	
Type Code Symbol Stamp N/A Authorization No. N/A  Expiration Date N/A	3b NSM or MN # NSM 11448/00	
4 Identification of System NS CONTAINMENT SPRAY SYSTEM	Class NF	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	nts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column 8
	Name of	Name of	Manufacturer	4 N B	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial Number	Number	Conc. Machinista (Char)	Built	Removed or Installed	Code Stamped (yes or no)
A	Sway Strut	Lisega	68283	NA	1-R-NS-0044	1982	Removed	Yes
В	Sway Strut	Lisega	41-69634	NA	1-R-NS-0044	2005	Installed	Yes
C	Weld	Duke Power Co.	C-1NS	118	1-R-NS-0044-3 1-R-NS-016-2, 3, 4	2006	Installed	Yes
D	Sway Strut	Lisega	2005-65	NA	1-R-NS-016	2005	Installed	Yes
E	Pipe Clamp	NA	NA	ŅA	1-R-NS-016	NA	Installed	No
F					,		-	-

7. Description of Work Install NS Pump Test Loop_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 218 psig Test Temp. 85.6 deg.F.
9. Remarks _ Code CasesNONE_Functional completed on work orders 1098426-18 and 1098427-18 .
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date //9 ,2007  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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 9.27.05 to 1.9.07 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 measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall
be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions NC 978
Date_i - 9,20_07

As Required By The Provisions Of The ASME Code Section XI

		•
1. Owner DUKE POWER COMPANY	1a Date 01/22/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit ⊠ 1	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745	<del></del>	- · · - · · · · · · · · · · · · · · · ·
3. Work Performed By <u>Duke Power Company</u> .	3a Work Order # 1102114-02	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date $N/A$		
4 Identification of System	Class B	
ND RESIDUAL HEAT REMOVAL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	•	
6 Identification of Components Renaired or Replacement Components		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Bolting	NA	NA	NA	Rod- SA564 Hex Nut-SA564 for ND Heat Exchanger "1A" Body Flange	NA	Installed	No
В							-	-
С				·			-	-
D							-	-
Е							-	-
F							-	_

7. Description of Work Replace Bolting on ND HX "1A" _
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Aulton State TECH SPEC Date 1/22 ,2007 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 31-06 to 1-24-07 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 measure described in this Owners 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.
Toland Wyld Commissions NC978 Inspector's Signature
Date_1,24_,20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/19/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006	in Bate 12/19/00	
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 🔲 2 🔲	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1111378-01	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	•
Expiration Date $N/A$		
4 Identification of System	Class B	
SV MAIN STEAM VENT TO ATMOSPHERE		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemer	nts 1998 Addenda 2000	
C. Identification of Community Density of an Denlarge Community		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Disc	Dresser	ADB-85	NA	For valve tag 1SV-20	NA	Removed	No
В	Disc	Dresser	ADZ-01	NA	For valve tag 1SV-20	NA	Installed	No
С							-	-
D							-	-
Е			·				-	-
F							-	-

7. Description of Work Repair Valve 1SV-20_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed
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 and employed by HSB I AND I Company of Connecticut have inspected the components
described in this Owners Report during the period $11\overline{18}$ -06 to $12\overline{20}$ -06 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 measure described in this Owners 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.
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 measure described in this Owners 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.
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 measure described in this Owners 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

As Required By The Provisions Of The ASME Code Section XI

	•	
1. Owner DUKE POWER COMPANY	1a Date 01/25/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006	• .	
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1115112-01	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		•
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CE100499	••
Expiration Date $N/A$		
4 Identification of System KC COMPONENT COOLING SYSTEM	Class B	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	le Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	nts 1998 Addenda 2000	
6 Identification of Community Descined as Deslarance Community		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Pipe/Fitting	NA	NA .	NA	2"x1.5" Red Ins-SA105,1.5" Pipe-SA312 2"Pipe-SA105 2"x1.5" CplgSA182	NA	Installed	No
В	Pipe Welds	Duke Power Co.	Ç-1KC	129	1KC224-1, 2, 3 1KC296-1, 19, 20	2006	Installed	Yes
C	Valve	Flowserve	TM3-18	NA	Valve tag 1KC-412	1976	Removed	Yes
D	Valve	Flowserve	86BEQ	NA	Valve tag 1KC412	2006	Installed	Yes
Е							_	-
F					·		-	-

7. Description of Work Replace Valve 1KC-412_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 99 psig Test Temp. 81.3 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date //25 ,20 0 7  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 6-5-06 to 2-6-07 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 measure described in this Owners 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.  Commissions
Date _2-6,20 0 7

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/16/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1115113-01	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CE100499	•
Expiration Date <u>N/A</u>		
4 Identification of System KC COMPONENT COOLING SYSTEM	Class B	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
Α	Pipe/Fittings	NA	NA	NA	2"x1 1/2" Red Insert SA105 11/2"Pipe- SA376 2"x1 1/2" Red. CplgSA182		Installed	No
В	Pipe Welds	Duke Power Co.	C-1KC	129	1KC221-1, 2, 3 1KC531-14, 15, 16	2006	Installed	Yes
С	Valve	Flowserve	TM3-7	11971	Valve tag 1KC-393	1976	Removed	Yes
D	Valve	Flowserve	87BEQ	1625	Valve tag 1KC-393	2006	Installed	Yes
Е							-	-
F							-	-

Date 1-17_,20_07 ___

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 7. Description of Work Replace Valve 1KC393_ 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 99 psig Test Temp. 81.3 deg.F. 9. Remarks _ Code Cases ___NONE_ (Applicable Manufacturers Data Records to be attached) CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. N/A TECH SPEC Date 1/16 ,20 6 7 Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the and employed by HSB I AND I Company of Connecticut have inspected the components State or Province of NC described in this Owners Report during the period 6-15-06 to 1-17-07 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 measure described in this Owners 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. Commissions NC978

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 1/23/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  AND CONCORD RD YORK S.C. 20745	2a Unit 🛛 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745  3. Work Performed By <u>Duke Power Company</u> Address 526 S. Church St. Charlotte, N.C. 28201-1006	3a Work Order # 1115114-0	01
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CE100499	
Expiration Date <u>N/A</u> 4 Identification of System KC COMPONENT COOLING SYSTEM	Class B	
<ul><li>5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code</li><li>(b) Applicable Edition of Section XI Utilized for Repairs or Replacement</li></ul>		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
Α	Pipe/Fitting	NA	NA	NA	2" Pipe-SA106 1 1/2" Pipe-SA376 2"x 1" InsSA105 2"x1 1/2" CplgSA182	NA	Installed	No
В	Pipe Welds	Duke Power Co.	C-1KC	129	1KC277-1, 2, 12, 13 1KC279-1, 2, 3	2006	Installed	Yes
C	Valve	Kerotest	TM39	11973	Valve tag 1KC-363	1976	Removed	Yes
D	Valve	Flowserve	91BEQ	1627	Valve tag 1KC-363	2006	Installed	Yes
Е					_		_	-
F							-	-

7. Description of Work Replace Valve 1KC-363_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 99 psig Test Temp. 81.3 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A Signed Authorization No. N/A Signed 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 15-06 to 2-5-07 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 measure described in this Owners 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.  Commissions
Date 2-5_,20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/25/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔲 1 🔲 2 🔲 3	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1115115-01	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CE100499	
Expiration Date N/A	,	
4 Identification of System KC COMPONENT COOLING SYSTEM	Class B	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	
6. Identification of Components Repaired or Replacement Components	·	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
Α	Pipe/Fitting	NA	NA	NA	1.5" Pipe-SA312 2" Pipe-SA106 2"x1.5" CplgSA182 2"x1.5" InsSA105	NA	Installed	No
В	Pipe Welds	Duke Power Co.	C-1KC	129	1KC405-1, 2, 12, 13 1KC406-1, 2, 3	2006	Installed	Yes
С	Valve	Kerotest	14	NA	Valve tag 1KC-344	1995	Removed	Yes
D	Valve	Flowserve	88BEQ	1626	Valve tag 1KC-344	2006	Installed	Yes
Е							-	-
F					·		-	

7. Description of Work Replace Valve 1KC-344
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 99 psig Test Temp. 81.3 deg.F.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 6-15-06 to 1-30-07 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 measure described in this Owners 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 <u>NC 978</u>
Date J - 3D,20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 9/14/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 🔲 2	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1116257-0	01
Address 526 S. Church St. Charlotte, N.C. 28201-1006	•	
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date N/A		
4 Identification of System	Class B	
ND RESIDUAL HEAT REMOVAL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	nts 1998 Addenda 2000	
6 Identification of Components Denoised on Depleament Components		

	dentification of Components Repaired of Replacement Components									
	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8		
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)		
A	Snubber	Lisega	61296/39	NA	1-R-ND-596	NA	Removed	Yes		
В	Snubber	Lisega	3040002/06	NA	1-R-ND-596	2003	Installed	Yes		
С							-	-		
D							-	-		
E							-	_		
F	·						-	-		

7. Description of Work Replace Snubber 1-R-ND-596_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Auto John TECH SPEC Date 9/14, 2006  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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 8-28-06 to 9-19-06 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 measure described in this Owners 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.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners 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

As Required By The Provisions Of The ASME Code Section XI

1.0	Owner DUKE POWEI	R COMPANY			1a Date 12/21/06		Sheet 1 of 1	
1	Address <u>526 S. CHUR</u>	CH STREET. C	CHARLOTTE N	.C. 28201-	1006			
2. r	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🛛 1 🔲 2 🗀	]3 🔲 Sh	ared (specify U	nits (
Address 4800 CONCORD RD. YORK, S.C. 29745								
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1116648-18			
	Address 526 S. Chu			006				
	Type Code Symbol				3b NSM or MN # NA			
	Expiration Date N/A					•		
4	Identification of Sys	_			Class B			
	MAIN STEAM VE		SPHERE					
	(a) Applicable Const			S'75 Adden	nda. Code Cases			
	· · ·				placements 1998 Addenda 2000			
	Identification of Cor							
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	N B	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number	(-224)	Built	Removed or	Code
	,		Number				Installed	Stamped (yes or no)
A	Bolting	NA	NA	NA	For Orifice Flange 1SVFE-5210	NA	Installed	No No
В							-	-
C							-	-
D							-	-
E			·				-	-
T		1						1

Revision 6

7. Description of Work Restore Orifice 1SVFE-5210_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 12/21 ,2006  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-11-06 to 12-21-06 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 measure described in this Owners 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.
examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/04/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		•
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124506-02	
Address 526 S. Church St. Charlotte, N.C. 28201-1006	,	•
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD100431	
Expiration Date <u>N/A</u>		
4 Identification of System	Class B	
NW CONTAINMENT PENETRATION VALVE INJECTION WATER		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Pipe/Fittings	NA	NA	Na	2" Pipe-SB675 & SA376 2" 90/45 ell- SB462 & SA182 2" Tee-SB462 &	NA	Installed	No
В					SA182 2"x1" InsSB462 & SA182 2" Flange-SB462 & SA182		-	-
С	Bolting	NA	NA	NA	Rod- SA564 Hex Nut- SA564	NA	Installed	No
D	Pipe Welds	Duke Power Co.	C-1NW	125	1492-NW.00-121-15 thru 30, 40 thru 44 1492-NW.00-122-15 thru 24	2006	Installed	Yes
Е					1492-NW.00-126-1, 2, 5, 6, 7, 9 Bonnet to Body Seal weld 1NW-008A		-	-
F							-	-

Date _ 1 - 9__,20_07 ___

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

information in items 1 through 6 on this reports 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 Reroute 1A NW Piping 8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other | Exempt | Pressure 73 psig Test Temp. 53.4 deg.F. 9. Remarks _ Code Cases ___NONE_ (Applicable Manufacturers Data Records to be attached) CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. N/A TECH SPEC Date 1/4 ,20 8 7 Signed 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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 7.26.06 to 1-9.07 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 measure described in this Owners 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. Commissions NC978 Inspector's Signature

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/03/07	Sheet 1 of 1
Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 🔲 2 🔲	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124507-02	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD100431	
Expiration Date $N/A$		
4 Identification of System	Class B	
NW CONTAINMENT PENETRATION VALVE INJECTION WATER		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	
6 Identification of Components Panaired or Penlacement Components	,	·

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Pipe/Fittings	NA	NA	NA	2" Pipe- SB675 & SA312 2" Tee- SB462 & SA182 2" 90 ell- SB462 &	NA	Installed	No
В					SA182 2" Flange- SA182 & SB462 2" Full CplgSA182 2"x1" Red. Ins		-	-
С		,			SB462 & SA182 2" 45 Ell- SA182		-	-
D	Bolting	NA	NA	NA	Rod- SA564 Hex Nut- SA564	NA	Installed	No
E	Pipe Welds	Duke Power Co.	C-1NW	125	1492-NW.00-123-17 thru 34 43 thru 47 1492-NW.00-124-15 thru 24	2006	Installed	Yes
F					1492-NW.00-125-1 thru 5, 8, 9, 11 Body to Bonnet Seal Weld 1NW0061B		-	-

7. Description of Work 1B NW Pipe Reroute						
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.						
9. Remarks _ Code CasesNONE_						
(Applicable Manufacturers Data Records to be attached)						
CERTIFICATE OF COMPLIANCE						
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.						
Type Code Symbol Stamp N/A Expiration Date N/A						
Certificate of Authorization No. N/A						
Signed						
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period bo						
Commissions <u>NC 978</u> Inspector's Signature  Date 1-4 _ ,20_07 _						

#### ASME Section XI Manual

### 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 1/16/07	Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION  4800 CONCORD RD, VORK, S.C. 20745	2a Unit 🛛 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745  3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124866-0	8
Address <u>526 S. Church St. Charlotte, N.C. 28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA	
Expiration Date N/A 4 Identification of System	Class B	
ND RESIDUAL HEAT REMOVAL SYSTEM	1.0	
<ul><li>5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code</li><li>(b) Applicable Edition of Section XI Utilized for Repairs or Replacement</li></ul>		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve	Dresser	TN10966	1978	Valve tag 1ND-31	2003	Removed	Yes
В	Valve	Dresser	TG33992	1881	Valve tag 1ND-31	1981	Installed	Yes
С							-	-
D					-		-	-
Е							-	~
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

Date 1-18_,20_0つ

information in items 1 through 6 on this reports 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 R/R Valve 1ND-31_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 497.5 psig Test Temp. 163 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We contifue that the statements made in the report are convented of the report are convented to the relation of the report are convented to the
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed
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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 1/24-06 to 1-18-07 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 measure described in this Owners 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 VC 978

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 02/05/07	Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124867-04	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		
4 Identification of System	Class B	
ND RESIDUAL HEAT REMOVAL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	c Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve	Dresser	TG80178	1901	Valve tag 1ND-35	1986	Removed	Yes
В	Valve	Dresser	TD89391	467	Valve tag 1ND-35	1978	Installed	Yes
С							-	-
D							-	-
Е							-	-
F		-					-	

7. Description of Work Replace Valve IND-35_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 497.5 psig Test Temp. 163 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Signed Authorization No. N/A  Signed 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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 11-24-06 to 2-6-07 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 measure described in this Owners 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.  Commissions 178  Commissions 178  Commissions 178  Commissions 178
Date 2-6_,20_67

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/16/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 📙 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124868-05	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		·
4 Identification of System	Class B	
ND RESIDUAL HEAT REMOVAL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve .	Dresser	TN16306	1984	Valve tag 1ND-38	2003	Removed	Yes
В	Valve	Dresser	TD89405	411	Valve tag 1ND-38	1978	Installed	Yes
С							-	-
D							-	-
Е							-	_
F							-	-

$\Delta SM$	F Sec	tion	XΙ	Manual	

Form NIS-2 (Back)

Section E Exibit A

7. Description of Work R/R Valve 1ND-38_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 334 psig Test Temp. 78.5 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A Signed Authorization No. N/A Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-06 to 17-07 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 measure described in this Owners 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

As Required By The Provisions Of The ASME Code Section XI

	•	
1. Owner DUKE POWER COMPANY	1a Date 01/17/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006	•	
2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units
Address 4800 CONCORD RD. YORK, S.C. 29745		• •
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124869-05	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date N/A		
4 Identification of System	Class B	
ND RESIDUAL HEAT REMOVAL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases	•
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement		
6 Identification of Components Renaired or Replacement Components		

	Identification of Components Repaired of Replacement Components									
1	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column		
				4	<u></u>	6		8		
	Name of	Name of	Manufacturer	NB	Other Identification (Size)	Year	Corrected,	ASME		
	Component	Manufacturer	Serial Number	Number		Built	Removed or Installed	Code Stamped (yes or no)		
A	Valve	Dresser	TN10967	977	Valve tag 1ND-64	2003	Removed	Yes		
В	Valve	Dresser	TD89410	78	Valve tag 1ND-64	1978	Installed	Yes		
C							-	-		
D							-	-		
Е					·		-	-		
F							-	-		

7. Description of Work Replace Valve 1ND-64_						
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 503 psig Test Temp. 150.3 deg.F.						
9. Remarks _ Code CasesNONE						
(Applicable Manufacturers Data Records to be attached)						
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.						
Type Code Symbol Stamp N/A Expiration Date N/A						
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date ///7 ,2007  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 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 measure described in this Owners 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.  Commissions						

As Required By The Provisions Of The ASME Code Section XI

1. Owner <u>DUKE POWER COMPANY</u> la Date 12/13/06 She	Sheet 1 of 1		
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006			
2. Plant CATAWBA NUCLEAR STATION 2a Unit 2 3 Shared	d (specify Units )		
Address 4800 CONCORD RD. YORK, S.C. 29745			
3. Work Performed By <u>Duke Power Company</u> 3a Work Order # 1124870-06			
Address 526 S. Church St. Charlotte, N.C. 28201-1006			
Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # NA			
Expiration Date <u>N/A</u>			
4 Identification of System NI SAFETY INJECTION SYSTEM Class B	•		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code Cases			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1998 Addenda 2000			
6. Identification of Components Repaired or Replacement Components			
Column 1 Column 2 Column 3 Column Column 5 Column C	Column 7 Column		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve	Dresser	TD89433	429	Valve tag 1NI-102	1978	Removed	Yes
В	Valve	Dresser	TG33980	1837	Valve tag 1NI-102	1984	Installed	Yes
C							-	-
D							-	-
E							-	-
F				,			-	-

7. Description of Work Refurbished Valve 1NI-102_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 24 psig Test Temp. 83 deg.F.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
CEDTIFICATE OF INCEDVICE INCDECTION
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to 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 measure described in this Owners 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.
Robert M WW Commissions NC 978 Inspector's Signature
Date 12-18 ,20-06

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/21/06	Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION  4000 CONCORD RD. WORK S.C. 20745	2a Unit 🔀 1 🔲 2 🔲 3	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745  3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124871-06	
Address <u>526 S. Church St. Charlotte, N.C. 28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA	
Expiration Date <u>N/A</u> 4 Identification of System NI SAFETY INJECTION SYSTEM	Class B	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacements		
6. Identification of Components Repaired or Replacement Components	S 1370 Addelida 2000	

Column 1 Column 2 Column 3 Column Column 5 Column Column 7 Column 8 6 4 Name of Name of Manufacturer NB Other Identification (Size) Year Corrected, ASME Removed or Code Component · Manufacturer Serial Number Built Stamped Installed Number (yes or no) Valve TN8110 1980 Valve tag 1NI-119 2003 Dresser Removed Yes Α Valve tag 1NI-119 Valve TG80188 1891 1986 Installed Yes Dresser  $\overline{\mathsf{C}}$ 

 D

7. Description of Work Refurbish Valve 1NI-119_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 1500 psig Test Temp. 78 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 12/21, 20 06  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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-4-06 to 12-21-06 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 measure described in this Owners 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.
Robert M LW Commissions NC978 Inspector's Signature
Date_12-21_,20_06

As Required By The Provisions Of The ASME Code Section XI

1.	Owner DUKE POWEI	R COMPANY			1a Date 01/17/07		Sheet 1 of 1	
,	Address <u>526 S. CHUR</u>	CH STREET, C	<u>'HARLOTTE N</u>	.C. 28201-	1006			
2. _F	Plant CATAWBA NU	JCLEAR STATI	ION		2a Unit 🔀 1 🔲 2	3 Sha	ared (specify U	Jnits ( )
	Address 4800 CONCO	RD RD. YORK	, S.C. 29745					
3.	Work Performed By			3a Work Order # 1124872-	06			
	Address 526 S. Chu	rch St. Charlotte	, N.C. 28201-10	<u>)06</u>				
	Type Code Symbol	Stamp N/A Auth	norization No. $N$	<u> </u>	3b NSM or MN # NA			
	Expiration Date N/A							
	Identification of Sys				Class B			
	(a) Applicable Const							
			-		placements 1998 Addenda 2000			4
6.	Identification of Cor		<del></del>				<u> </u>	
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or Installed	Code Stamped
			Number				Histanicu	(yes or no)
A	Valve	Dresser	TN08111	1981	Valve tag 1NI-151	1981	Removed	Yes
В	Valve	Dresser	TH38275	1941	Valve tag 1NV-151	1989	Installed	Yes
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С							-	-
D							[ -	-
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Е	·	ļ		,			-	-
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F				!	No.			-
			!	1				1

7. Description of Work Replace Valve 1NI-151_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 1500 psig Test Temp. 78 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date ///7 ,2007  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period in
Robert McLil Commissions WC 978  Inspector's Signature
Date 2-7,20_07

As Required By The Provisions Of The ASME Code Section XI

1. 0	Owner DUKE POWEI	R COMPANY			1a Date 12/21/06		Sheet 1 of 1	
A	Address <u>526 S. CHUR</u>	CH STREET. C	HARLOTTE N	.C. 28201-1	1006			
2. ı	Plant CATAWBA NU	ICLEAR STATI	ION		2a Unit 🛛 1 🔲 2 🔲	3 🔲 Sh	ared (specify U	nits )
	Address 4800 CONCO	RD RD. YORK	, S.C. 29745				•	
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1124908-06		•	
	Address 526 S. Chur	rch St. Charlotte	, N.C. 28201-10	<u> 006</u>				
	Type Code Symbol S	Stamp <u>N/A</u> Auth	norization No. <u>N</u>	<u>//A</u>	3b NSM or MN # NA			
,	Expiration Date N/A	4						
4	Identification of Sys	tem NI SAFET	Y INJECTION S	SYSTEM	Class B			
	(a) Applicable Const							,
	(b) Applicable Edition	on of Section XI	Utilized for Rep	pairs or Rep	placements 1998 Addenda 2000			
6.	Identification of Cor	nponents Repair	red or Replacem	ent Compo	nents			
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or	Code Stamped
			Number				Installed	(yes or no)
A	Valve	Dresser	TN8112	1982	Valve tag 1NI-161	2003	Removed	Yes
В	Valve	Dresser	TD89436	1978	Valve tag 1NI-161	1978	Installed	Yes
							ļ	·
C							_	_
	`	*				]		
D							-	-
E							-	
F							-	1-

7. Description of Work Refurbish Valve 1NI-161_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 1500 psig Test Temp. 78 deg.F.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Auto 1 State TECH SPEC Date 12/21 ,2006  Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to 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 measure described in this Owners 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.
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to to to 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 measure described in this Owners 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
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to to to 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 measure described in this Owners 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
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the  State or Province of

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 02/06/07	,		Sheet 1 of 1
Address 526 S. CHÜRCH STREET. CHARLOTTE N.C. 28201-1006				_
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1	<u>2</u>	<u> </u>	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745				
3. Work Performed By <u>Duke Power Company</u>	3a Work Order#	1124909	-07	
Address 526 S. Church St. Charlotte, N.C. 28201-1006			*	
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN#	NA		
Expiration Date <u>N/A</u>				
4 Identification of System	Class B			
NV CNEMICAL VOLUME CONTROL SYSTEM				
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 200	00		
6. Identification of Components Repaired or Replacement Components				

	Column I	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve .	Dresser	TG80190	NA	Valve tag 1NV-14	1986	Removed	Yes
В	Valve	Dresser	TH16148	NA	Valve tag 1NV-14	1988	Installed	Yes
С							-	-
D							-	_
Е							-	-
F							-	-

7. Description of Work Replace Valve 1NV-14_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 360 psig Test Temp. 99 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 2/6 ,2007  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
Date _ 2 - 7,20_0 7

As Required By The Provisions Of The ASME Code Section XI

		·
1. Owner DUKE POWER COMPANY	1a Date 01/17/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit   1   2   3	Shared (specify Units )
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124910-07	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		
4 Identification of System	Class B	
NV CNEMICAL VOLUME CONTROL SYSTEM		•
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	nts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve	Dresser	TH38800	1944	Valve tag 1NV-87	1990	Removed	Yes
В	Valve	Dresser	TD89402	NA	Valve tag 1NV-87	1978	Installed	Yes
C							-	-
D							_	-
Е							-	-
F							-	

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A.SIVIE.	SECTION	$\Delta I$	iviaimai	

Form NIS-2 (Back)

Section E Exibit A

7. Description of Work Replace Valve 1NV-87_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 40 psig Test Temp. 95 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date ///7 ,20 07  Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSTECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to
Robert Mc Lu Commissions NC978  Inspector's Signature
Date 1 - 25, 20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/17/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  4800 CONCORD RD, VORK S. C. 20745	2a Unit 🛛 1 🔲 2 🔲 3	Shared (specify Units
Address 4800 CONCORD RD. YORK, S.C. 29745  3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124911-05	
Address <u>526 S. Church St. Charlotte, N.C. 28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA	
Expiration Date <u>N/A</u> 4 Identification of System	Class B	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacement		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve	Dresser	TG80195	1899	Valve tag 1NV-205	1986	Removed	Yes
В	Valve	Dresser	TJ02812	NA	Valve tag 1NV-205	1991	Installed .	Yes
С			·				-	-
D							-	-
E							-	*
F							-	-

7. Description of Work Replace Valve 1NV-205_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 25 psig Test Temp. 88 deg.F.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date ///7 ,2007  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
Robert McLill Commissions NC 978 Inspector's Signature
Date 2-7_,20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/16/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2 🔲 3	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745  3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124912-07	·
Address <u>526 S. Church St. Charlotte</u> , N.C. <u>28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA	
Expiration Date N/A 4 Identification of System	Class B	
NV CNEMICAL VOLUME CONTROL SYSTEM		
<ol> <li>(a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code</li> <li>(b) Applicable Edition of Section XI Utilized for Repairs or Replacement</li> </ol>		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve	Dresser	TJ99386	1964	Valve tag 1NV223	1994	Removed	Yes
В	Valve	Dresser	TD89548	475	Valve tag 1NV223	1978	Installed	Yes
C							-	-
D							-	-
Ε							-	-
F							<b>.</b>	_

7. Description of Work R/R Valve 1NV-223_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 19.7 psig Test Temp. 62.7 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date ///6, 2007  Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the  State or Province of
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to 23 - 07 _ 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 measure described in this Owners 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.

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/13/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit \( \sum 1 \) \( \sum 2 \) \( \sum 3 \)	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124913-05	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date N/A		
4 Identification of System	Class B	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	•
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve	Dresser	TG33977	1835	Valve tag 1NV-273	1984	Removed	Yes
В	Valve	Dresser	TG80200	1950	Valve tag 1NV-273	1986	Installed	Yes
С							-	-
D							-	-
Е		·					-	-
F							-	-

7. Description of Work Refurbished Valve 1NV-273_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 28 psig Test Temp. 75 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date /2//3 ,20 0 C  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
Inspector's Signature Commissions NC 110
Date 12-18,20_06

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 11/29/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit ⊠ 1 □2 □	3 Shared (specify Units
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124964-01	
Address 526 S. Church St. Charlotte, N.C. 28201-1006 Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date N/A 4 Identification of System	Class B	•
SV MAIN STEAM VENT TO ATMOSPHERE		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	
6 Identification of Commonanta Danaired on Danlessement Commonanta		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Valve Disc	Dresser	AAH-42	NA	Valve tag 1SV-002	NA	Removed	No
В	Valve Disc	Dresser	ADF-06	NA	Valve tag 1SV-002	NA	Installed	No
C	,							-
D							-	-
E							-	-
F							_	-

7. Description of Work Refurbish Valve 1SV-002_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Juli 15 The TECH SPEC Date 11/29 ,2006  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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 11-15-06 to 11-29-06 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 measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions NC 978
Date _\\ -29_ ,20_ O &

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 11/29/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		•
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		· · · · · · · · · · · · · · · · · · ·
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124965-0	)1
Address 526 S. Church St. Charlotte, N.C. 28201-1006	·	
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date $N/A$		
4 Identification of System	Class B	
SV MAIN STEAM VENT TO ATMOSPHERE	·	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	•
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement		
6. Identification of Components Repaired or Replacement Components		

Column 5 Column 1 Column 2 Column 3 Column Column Column 7 Column 8 6 4 ŃВ Other Identification (Size) Corrected, Name of Name of Manufacturer Year ASME Removed or Code Component Manufacturer Serial Number Built Installed Stamped Number (yes or no) Valve Disc AAH-31 NA Valve tag 1SV-004 Dresser NA Removed No Valve tag 1SV-004 В Valve Disc Dresser ADB-88 NA NA Installed No C D Ε F

7. Description of Work Refurbish Valve 1SV-004_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date ///29 ,2066  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 \( \)\( \)\( \)\( \)\( \)\( \)\( \)\(
Inspector's Signature  Commissions NC 978
Date _1\-29,20_0 &

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 7/19/06	Sheet	of
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit 🛛 1 🔲 2	3 Shared (specify	/ Units [ )
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1131539-02		
Address <u>526 S. Church St. Charlotte, N.C. 28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA		
Expiration Date <u>N/A</u> 4 Identification of System	Class B		
NV CNEMICAL VOLUME CONTROL SYSTEM	~		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacement			

<del>-0.</del>	identification of Col	inponents Repair	icu of Replacelli	ciii Compo	Helits			
1	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Repaired.	ASME
	Component	Manufacturer	Serial	Number		Built	Replaced. or	Code
	•		Number				Replacement	Stamped (yes or no)
Α	Pipe Clamp	Anvil	NA	NA	1-R-NV-1409	NA	Replacement	No
	•	International						
В	Weld	Duke Energy	C-1NV	127	1-R-NV-1409-2	2006	Replacement	Yes
İ								
C							-	-
D							<b>-</b> .	-
		·						,
E							-	-
F							-	-

7. Description of Work Repair S/R 1-R-NV-1409_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CEDTIFICATE OF COMPLIANCE
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 rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 7/19,2066  Owner or Owner's Designec, 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period _5 -26 -06 to _7 -25 -06 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 measure described in this Owners 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.
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 measure described in this Owners 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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/17/07	Sheet 1 of 2
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units )
Address 4800 CONCORD RD. YORK, S.C. 29745		Shared (speetly emis
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1131805-07	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD100952	
Expiration Date N/A		·
4 Identification of System	Class B	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	c Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4	00.0	6		8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Pipe/Fittings	NA	NA	NA	2" Pipe-SA376 2" 90/45 ell-SA182 2" CouplSA182 2" Tee- SA182	NA	Installed	No
В	Pipe Welds	Duke Power Co.	C-1NV	127	1NV510-43 thru 57	2006	Installed	Yes
С	·						-	-
D							-	-
Е							_	-
F							-	-

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/17/07	Sheet 2 of 2
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1131805-07	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD100952	
Expiration Date <u>N/A</u>		
4 Identification of System	Class NF	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	nts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Spring Cam	Anvil/ Grinnell	41-77044	NA	S/R 1-R-NV-2206	2006	Installed	Yes
В	Bolting	NA	NA	NA	Hex Nut- SA194 for 1-R-NV-2206	NA	Installed	No
С	Welds	Duke Power Co.	C-1NV	127	1-R-NV-2206-1 thru 4 1-R-NV-2278-1 thru 4	2006	Installed	Yes
D	3/8" Plate	NA .	NA .	NA	For 1-R-NV-2278	NA	Installed	No
E							-	-
F		·			·		-	-

7. Description of Work Reroute NV Piping_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 496 psig Test Temp. 184 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period
Date 1.25_,20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY  526 S. CHURCH STREET, CHARLOTTE N.C. 28201, 1006	1a Date 01/23/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit 🔲 1 🔲 2 🔲 3	Shared (specify Units)
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1705534-01	
Address <u>526 S. Church St. Charlotte, N.C. 28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA	
Expiration Date <u>N/A</u> 4 Identification of System	Class B	
SV MAIN STEAM VENT TO ATMOSPHERE	Class B	•
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacements		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Bolting	NA	NA	NA	Rod- SA193 Hex Nut-SA194 for Orifice Flange 1SVFE5230	NA	Installed	No
В							-	-
С							-	-
D							-	-
Е							_	-
F							-	-

7. Description of Work Replace Bolting For 1SVFE5230_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the
rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
,
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 \( \frac{\lambda C}{\lambda} \) and employed by \( \frac{\text{HSB I AND I Company of Connecticut}}{\lambda - 28 - 06} \) to \( \frac{\implies - 24 - 07}{\implies - 06} \) 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 measure described in this Owners 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.
Kober Mull Commissions NC 978 Inspector's Signature
Date 1 - 24,20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/13/06	Sheet 1 of 1		
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 🔲 2 🔲 3	Shared (specify Units )		
Address 4800 CONCORD RD. YORK, S.C. 29745		Shared (specify Christ )		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 01705539-01			
Address 526 S. Church St. Charlotte, N.C. 28201-1006				
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA			
Expiration Date N/A				
4 Identification of System	Class B			
SV MAIN STEAM VENT TO ATMOSPHERE				
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	nts 1998 Addenda 2000			

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Orifice flange Bolting Matl.	NA	NA	NA	Nuts, SA194,Gr. 2H, 7/8" 9 UNC-2B, Rod,SA193 Gr B7,thrd, 7/8" 9 UNC-2A	NA	Installed	No
В			75				-	-
С							-	-
D				·			-	- ,
E		·					-	-
F			·				-	-

7. Description of Work Replaced bolting material for orifice 1SVFE5220_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-106 to 12-18-06 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 measure described in this Owners 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.  Commissions 12-18-20-06  Commissions 12-18-20-06  Commissions 12-18-20-06  Commissions 22-18-06  Commissions 23-18-20-06  Commissions 24-18-20-06  Commissi
Date 12-18_,20_06

As Required By The Provisions Of The ASME Code Section XI

•				
1. Owner DUKE POWER COMPANY	1a Date 12/13/06	Sheet 1 of 1		
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006				
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2 🗀	3 Shared (specify Units)		
Address 4800 CONCORD RD. YORK, S.C. 29745				
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 01705541-01			
Address 526 S. Church St. Charlotte, N.C. 28201-1006	•			
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA			
Expiration Date <u>N/A</u>				
4 Identification of System	Class B			
SV MAIN STEAM VENT TO ATMOSPHERE	•			
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemer	ts 1998 Addenda 2000			

	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column 8
	Name of	Name of	Manufaatuun	4 N B	Osh a Talantification (Cina)	6 V200	Corrected,	ASME
	Name of Component	Manufacturer	Manufacturer Serial Number	Number	Other Identification (Size)	Year Built	Removed or Installed	Code Stamped (yes or no)
A	Orifice flange Bolting Matl.	NA	NA	NA	Nuts, SA194,Gr. 2H, 7/8" 9 UNC-2B, Rod,SA193 Gr B7,thrd, 7/8" 9 UNC-2A	NA	Installed	No
В								-
C				-			-	-
D							-	
E							-	
F		·					•	-

State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to 12-78-0C_ 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 measure described in this Owners 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.  Commissions	7. Description of Work Replaced bolting material for orifice 1SVFE5210_
(Applicable Manufacturers Data Records to be attached)  CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement. conforms to the rules of the rules of the ASME Code, Section XI.  Type Code Symbol Stamp N/A  Expiration Date N/A  Certificate of Authorization No. N/A  Signed 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 AC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-5-06 to 12-78-06, 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 measure described in this Owner's Report in accordance with the sum of the corrective measure 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 measure described in this Owner's Report in accordance with this inspection.  Commissions NC 978  Inspector's Signature	
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 rules of the ASME Code, Section XI.  Type Code Symbol Stamp N/A Expiration Date N/A  Certificate of Authorization No. N/A  Signed TECH SPEC Date 12/13 20 66  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 1 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-5-06 to 12-18-06, 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 measure 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.  Commissions MC978  Inspector's Signature	9. Remarks _ Code CasesNONE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.  Type Code Symbol Stamp N/A Expiration Date N/A  Certificate of Authorization No., N/A  Signed TECH SPEC Date 1/2//3 ,20.06  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 1/2 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 1/2 - 5 - 0 C to 1/2 - 1/8 - 0 C 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 measure described in this Owners 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.  Commissions N/A	(Applicable Manufacturers Data Records to be attached)
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.  Type Code Symbol Stamp N/A Expiration Date N/A  Certificate of Authorization No., N/A  Signed TECH SPEC Date 1/2//3	CERTIFICATE OF COMPLIANCE
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	We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 2-5-0 to 12-75-0 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 measure described in this Owners 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.    Commissions NC978	Type Code Symbol Stamp 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to to 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 measure described in this Owners 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.  Commissions NC978  Inspector's Signature	Signed GE Shurf TECH SPEC Date 12/13 ,20 06
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the  State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to to to	
State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to 12-78-0C 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 measure described in this Owners 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.  Commissions	CERTIFICATE OF INSERVICE INSPECTION
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 measure described in this Owners 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.  Commissions  Commissions  Commissions	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
	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 measure described in this Owners 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.  Commissions  NC978
	Inspector's Signature  Date _)2-18,20_0 6

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/23/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 📙 2 📙 3	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1705542-01	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		
4 Identification of System	Class B	
SV MAIN STEAM VENT TO ATMOSPHERE		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4	·	6		8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Bolting	NA	NA	NA	Rod-SA193 Hex Nut-SA194 for Orifice Flange 1SVFE5200	NA	Installed	No
В			·				-	-
С							-	-
D								-
Е							-	-
F							-	-

7. Description of Work Replace Bolting For 1SVFE5200_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date //23 ,2007  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 11-22-06 to 1-24-07 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 measure described in this Owners 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 NC978
Date 1-24 ,20,07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/13/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006	·	
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1709178	-08
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date N/A		
4 Identification of System	Class NF	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	
6. Identification of Components Repaired or Replacement Components		

Column 5 Column 1 Column 2 Column 3 Column Column Column 7 Column 8 6 4 Other Identification (Size) Corrected, Name of Name of Manufacturer N B Year ASME Removed or Code Component Manufacturer Serial Built Number Stamped Installed Number (yes or no) U Bolt NA NA NA For S/R 1-A-NV-8392 NA Installed No В D E

7. Description of Work Restore S/R 1-A-NV-8406_		
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.		
9. Remarks _ Code CasesNONE_		
(Applicable Manufacturers Data Records to be attached)		
CERTIFICATE OF COMPLIANCE		
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.		
Type Code Symbol Stamp N/A Expiration Date N/A		
Certificate of Authorization No. N/A		
Signed		
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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-2-06 to 12-14-06 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 measure described in this Owners 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.		
Inspection:  Commissions NC978  Inspector's Signature		
Date 12.14_,20_06		

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 1/21/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  4800 CONCORD RD, YORK S.C. 20745	2a Unit 🔀 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745  3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1709178	-12
Address <u>526 S. Church St. Charlotte, N.C. 28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA	
Expiration Date <u>N/A</u> 4 Identification of System	Class B	,
NV CNEMICAL VOLUME CONTROL SYSTEM 5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	· Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen		•

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Pipe/Fitting	NA	NA	NA	2" Pipe-SA376 2" 90 ell-SA182	NA	Installed	No
В	Pipe Welds	Duke Power Co.	C-1NV	127	1NV240-4, 5, 6, 7 1NV251-1, 15	2006	Installed	Yes
С	Valve Body	Kerotest	AHM4-3	38565	For Valve tag 1NV-181A	1991	Installed	Yes
D	Valve Disc	Kerotest	24513-12	NA	For Valve tag 1NV-181A	NA	Installed	Yes
E	Valve Bonnet	Kerotest	2465	35701	For Valve tag 1NV-181A	1983	Installed	Yes
F	Valve	Kerotest	AG2-2/fal5-5	36375/ 35684	For Valve tag 1NV-181A	1983	Removed	Yes

7. Description of Work Replace Valve 1NV-181A_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 31.2 psig Test Temp. 92.9 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.  Type Code Symbol Stamp N/A Expiration Date N/A  Certificate of Authorization No. N/A  Signed TECH SPEC Date 1/23 ,2007  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
Date 1 · 23_,20_07

As Required By The Provisions Of The ASME Code Section XI

	. *	
1. Owner DUKE POWER COMPANY	1a Date 01/23/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		•
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1717483-01	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date $N/A$		
4 Identification of System	Class B	
NV CNEMICAL VOLUME CONTROL SYSTEM	•	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements	s 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Pipe/Fitting	NA	NA	NA	2" Pipe-SA376 2" 90 ell-SA403	NA	Installed	No
В	Pipe Welds	Duke Power Co.	C-1NV	127	1NV11A-1 1NV128-1, 43 thru 46,52 1NV127-104 1NV1280BMR1,2,3	2006	Installed	Yes
C	Valve	Borg Warner	31394	NA	Valve tag 1NV-11A	1979	Removed	Yes
D	Valve	Borg Warner	58851	2266	Valve tag 1NV-11A	1980	Installed	Yes
Е							-	
F					·		-	-

7. Description of Work Replace Valve 1NV-11A_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure 2235 psig Test Temp. 353 deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date //23,20_7  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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 1/23-06 to 7-23-07 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 measure described in this Owners 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 1/6978
Date_1 23_,20_07

As Required By The Provisions Of The ASME Code Section XI

1. (	Owner DUKE POWE	R COMPANY			. 1a Date 01/18/07		Sheet I of I	
A	Address <u>526 S. CHUR</u>	CH STREET. C	CHARLOTTE N	<u>.C. 28201-</u>	<u>1006</u>			•
2. F	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🔀 1 🔲 2 📗	∃3 □ Sh	ared (specify U	Inits ( )
	Address 4800 CONCO							
3.	Work Performed By				3a Work Order # 1718476-01			
	Address 526 S. Chu							
	Type Code Symbol	•	norization No. <u>N</u>	<u> </u>	3b NSM or MN # NA			
	Expiration Date N/	<u>A</u>					•	
4	Identification of Sys	tem CA AUXII	LIARY FEEDW	ATER SYS	STEM Class B			
	(a) Applicable Const							
					placements 1998 Addenda 2000			
6.	Identification of Con	<del></del>			nents			
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial Number	Number		Built	Removed or Installed	Code Stamped
A	Bolting	NA	NA	NA	Rod-SA193 Hex Nut-SA194 for	NA	Installed	(yes or no) No
, <b>1</b>	Dolung	INA.		INA	Orifice 1CAFE5090	INA	instanco	NO
В							-	-
								<u> </u>
C							_	-
D							-	-
177				· · · · · · · · · · · · · · · · · · ·				

7. Description of Work I/R 1CAFE5090_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed / auth / TECH SPEC Date 1//8 ,2007  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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-8-06 to 2-5-07 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 measure described in this Owners 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 NC978
Date 2-5_,20.07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY  526 S. CHURCH STREET, CHARLOTTE N.C. 28201, 1006	1a Date 11/29/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit 🛛 1 🔲 2 🔲 3	Shared (specify Units)
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1719277-01	
Address <u>526 S. Church St. Charlotte</u> , N.C. <u>28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA	
Expiration Date <u>N/A</u>	•	
4 Identification of System	Class B	,
SV MAIN STEAM VENT TO ATMOSPHERE		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacement		

<del></del>	identification of Col	<del>, , , , , , , , , , , , , , , , , , , </del>	<del></del>		,	·	r · · · · · · · · · · · · · · · · · · ·	
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				_4	·	6		8
	Name of	Name of	Manufacturer	NB	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or	Code
		<u> </u>	Number				Installed	Stamped (yes or no)
A	Valve Disc	Dresser	ADB-86	NA	Valve tag 1SV-008	NA	Removed	No
В	Valve Disc	Dresser	ADZ-00	NA	Valve tag 1SV-008	NA	Installed	No
С							-	-
D							-	-
Е	,						-	_
F							-	-

7. Description of Work Refurbish Valve 1SV-008_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed / Auch South TECH SPEC Date ///25 ,2006  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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 11-22-06 to 11-29-06 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 measure described in this Owners 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 & Signature  Commissions NL978
Date 11 - 29_,20_06

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/05/05	Sheet	of
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit 🖂 1 🔲 2 🔲 3	Shared (specify	/ Units (
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98724930-01		
Address <u>526 S. Church St. Charlotte</u> , N.C. <u>28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date N/A	3b NSM or MN # NA		
4 Identification of System NS CONTAINMENT SPRAY SYSTEM	Class B		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
Α	Bolting	Duke Power Co.	NA	NA ·	Hex Nut- SA564, Stud-SA564 for Containment Spray Pump "1A" Mech	NA	Replacement	No
В					Seal Gland and Cover		-	-
С							-	-
D							-	-
E							-	-
F							-	-

7. Description of Work
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A Signed Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 12/5,20/05  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 HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period it is to 12-5-05 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 measure described in this Owners 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.  Commissions NC 978  Inspector's Signature
Date $12 - 5$ , $20_0 5$

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	la Date 4/11/06	Sheet	of
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006			
2. Plant CATAWBA NUCLEAR STATION	2a Unit $\square$ 1 $\square$ 2 $\square$ 3	Shared (specif	y Units[)
Address 4800 CONCORD RD. YORK, S.C. 29745			
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98735105-01		
Address 526 S. Church St. Charlotte, N.C. 28201-1006			
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA		
Expiration Date <u>N/A</u>			
4 Identification of System	Class B		
SV MAIN STEAM VENT TO ATMOSPHERE			
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	•	

	identification of Co.	<del></del>						·
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		· 6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Repaired.	ASME
İ	Component	Manufacturer	Serial	Number		Built	Replaced. or	Code
			Number				Replacement	Stamped (yes or no)
А	Disc	Dresser	AAH-87	NA	For Valve 2SV-21	NA	Replaced	No
В	Disc	Dresser	ADI-25	NA	For Valve 2SV-21	NA	Replacement	No
C							-	-
D							_	_
E							-	-
F							-	-

7. Description of Work Refurbish Valve 2SV-21_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 4/// ,20 66  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 2.06 _ to 12.06 _ 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 measure described in this Owners 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.  Commissions
Date 4-12, 20_0 6

As Required By The Provisions Of The ASME Code Section XI

1. Owner <u>DUKE POWER COMPANY</u>	1a Date 11/10/05	Sheet	of
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit ⊠ 1 □2 □	3 Shared (specify	Units [
Address 4800 CONCORD RD. YORK, S.C. 29745	A TV 1 A 1 W 00F0F000 01		
3. Work Performed By <u>Duke Power Company</u> Address <u>526 S. Church St. Charlotte</u> , N.C. <u>28201-1006</u>	3a Work Order # 98737882-01		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA		
Expiration Date <u>N/A</u>			
4 Identification of System	Class B		
ND RESIDUAL HEAT REMOVAL SYSTEM			
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000		
		~	

<u>, 0.</u>	identification of Col	<del>,                                    </del>					<del>,</del>	
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
	·			4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Repaired.	ASME
1	Component	Manufacturer	Serial	Number		Built	Replaced. or	Code
	. 1		Number				Replacement	Stamped (yes or no)
A	Snubber	PSA	11725	NA	1-R-ND-226	2000	Replaced	Yes
<u></u>								
В	Snubber	PSA	41746	NA	1-R-ND-226	2002	Replacement	Yes
<u>_</u>								
C				-			] -	-
D							_	_
E							-	_
F							<b>-</b>	_

7. Description of Work Replace Snubber 1-R-ND-226_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Alt Lot TECH SPEC Date 11/10 ,20 05 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 HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 7.7.05 to 11.17.05 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 measure described in this Owners 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.
Robert Mc Commissions NC 978 Inspector's Signature
Date _11-17_ ,20_05

As Required By The Provisions Of The ASME Code Section XI

	•			,
1. Owner DUKE POWER COMPANY	1a Date 11/10/05	•	Sheet	of
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		•		
2. Plant CATAWBA NUCLEAR STATION	2a Unit ⊠ 1 □2	<u></u>	Shared (specify	Units )
Address 4800 CONCORD RD. YORK, S.C. 29745				
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98741	212-01		
Address 526 S. Church St. Charlotte, N.C. 28201-1006				
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA			
Expiration Date N/A				
4 Identification of System	Class B			
SV MAIN STEAM VENT TO ATMOSPHERE				
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement		_		
6 Identification of Components Renaired or Replacement Components				

Column 5 Column 1 Column 2 Column 3 Column Column Column 7 Column 8 6 4 Name of Name of Manufacturer NΒ Other Identification (Size) Year Repaired. ASME Replaced. or Component Manufacturer Code Serial Number Built Replacement Stamped Number (yes or no) Rod End Anvil NA NA For Hanger 1-R-SV-1621 NA Replaced No International В Ċ D E F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

information in items 1 through 6 on this reports 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 Strut_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
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 HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 9-22-05 to 11-18-05 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 measure described in this Owners 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.
Commissions NC 978 Inspector's Signature
Date 11-18,20_65

As Required By The Provisions Of The ASME Code Section XI

			715 Require	d by Thorno	Visions Of The ASIME Code Section At			
	wner <u>DUKE POWE</u> F		'HARI OTTF N	C 28201-1	1a Date 1/22/06	S	heet 1 of 1	
	ant CATAWBA NU			.c. 20201 1		3 Sh:	ared (specify U	nits (
Ad	ddress 4800 CONCO	RD RD. YORK	, S.C. 29745					
3. V	Work Performed By	Duke Power C	ompany		3a Work Order # 98741734-08			
A	Address 526 S. Chur	ch St. Charlotte	, N.C. 28201-10	006				
7	Type Code Symbol S	Stamp N/A Auth	norization No. N	<u> </u>	3b NSM or MN # NA			
	Expiration Date N/A	•			•			
4 Ic	dentification of Syst	tem			Class B			
SV	MAIN STEAM VE	NT TO ATMOS	SPHERE					
5. (a	a) Applicable Const	ruction Code III	1974 Edition, S	S'75 Adden	ida, Code Cases			
,					placements 1998 Addenda 2000			
•	dentification of Cor		_					
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4	·	6		8
			<del></del>					

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Plug Assembly	CCI	#7	NA	For valve tag 1SV-001	NA	Replaced	No
В	Plug Assembly	CCI	#1	NA	For Valve tag 1SV-001	NA	Replacement	No
C							-	-
D	. —						-	-
Е							-	-
F						,	-	-

7. Description of Work Replace 1SV-001 Valve Disc
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
$oldsymbol{I}$
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 3/02/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2	3 Shared (specify Units
Address 4800 CONCORD RD. YORK, S.C. 29745		-
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98698074	4-43
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		
4 Identification of System	Class NF	
RN NUCLEAR SERVICE WATER SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	
6. Identification of Components Repaired or Replacement Components		•

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Pivot Pin	NA	NA	NA	For S/R 1-A-RN-3470	NA	Installed	No
В							-	-
C							-	-
D							-	-
Е							-	_
F			·		·		_	-

7. Description of Work Restore S/R 1-A-RN-3470_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 3/2 ,2006  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 Texes and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 2-3-06 to 3-13-06 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 measure described in this Owners 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 78 - 1080  Date _ 3 - 13 ,20 06

As Required By The Provisions Of The ASME Code Section XI

	•	
1. Owner DUKE POWER COMPANY	1a Date 3/2/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		·
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 9870295	60-13
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		•
4 Identification of System	Class NF	
SV MAIN STEAM VENT TO ATMOSPHERE		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Bolting	NA	NA	NA	Rod- SA193, Hex Nuts- SA194, for S/R 1-R-SV-1662	NA	Replacement	No
В							-	-
C							-	-
D							<u>-</u> ·	-
Е							_	-
F							-	-

7. Description of Work Remove and Restore S/R 1-R-SV-1662_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the
rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 3/2 ,20 06  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 Texas and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 2-20-06 to 3-10-06 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 measure described in this Owners 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 (2. Have Commissions TX - 1080
Inspector's Signature
Date _3-10,20.06

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	la Date 2/6/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  Address 4800 CONCORD RD, YORK, S.C. 29745	2a Unit 🛛 1 🔲 2	3 Shared (specify Units)
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 9870978.	3-11
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD5001	75
Expiration Date <u>N/A</u> 4 Identification of System	Class NF	•
RN NUCLEAR SERVICE WATER SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code (b) Applicable Edition of Section XI Utilized for Repairs or Replacement		
<ol> <li>Plant CATAWBA NUCLEAR STATION         Address 4800 CONCORD RD. YORK, S.C. 29745</li> <li>Work Performed By <u>Duke Power Company</u>         Address <u>526 S. Church St. Charlotte, N.C. 28201-1006</u>         Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>         Expiration Date <u>N/A</u>         4 Identification of System         RN NUCLEAR SERVICE WATER SYSTEM</li> </ol>	3a Work Order # 9870978.  3b NSM or MN # CD5001  Class NF  de Cases	3-11

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Sway Strut	Anvil International	41/9852	NA	S/R 1-R-RN-344	1992	Replaced	Yes
В	Sway Strut	Anvil International	41/71299	NA	S/R 1-R-RN-344	2005	Replacement	Yes
С	Welds	Duke Power Co.	C-1RN	117	Welds # 1-R-RN-344-1 thru 3	2005	Replacement	Yes
D	Bracket	Anvil International	NA	NA	For S/R 1-R-RN-344	NA	Replacement	No
Е	Bolting	NA	NA	NA	Hex Nuts- SA194	NA	Replacement	No
F							-	-

7. Description of Work Rework S/R 1-R-RN-344_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Author Lot TECH SPEC Date 2/6 ,20_06  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
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State or Province of Texas and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 10/25/05 to 2/13/06 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.
belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with
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 measure described in this Owners 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
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 measure described in this Owners 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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 1/27/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit 🛛 1 🔲 2	3 Shared (specify Units
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98728804-4	1
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD500062	
Expiration Date <u>N/A</u>		
4 Identification of System	Class NF	
RN NUCLEAR SERVICE WATER SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	de Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replaceme	nts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
	Column	Column 2	Column	4	Column 3	6	Column /	8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Welds	Duke Power Co.	C-1RN	117	1-I-RN-0004-1 and 2	2006	New	Yes
В	Plate, Angle	NA	NA	NA	For S/R 1-I-RN-0004	NA	New	No .
C	Bolting	NA	NA	NA	Rod-SA193, Nuts-SA194	NA	New	No
D		,					-	
Е							-	-
F							-	-

7. Description of Work Install S/R 1-I-R-0004_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 1/27 ,20 06  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 HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12/17/65 to 2/11/66 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 measure described in this Owners 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 TX 1080
Date

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 2/09/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		3.
2. Plant CATAWBA NUCLEAR STATION Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit 🔀 1 🔲2 📗	3 Shared (specify Units)
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98728805-03	3
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD500062	
Expiration Date N/A		
4 Identification of System	Class NF	
RN NUCLEAR SERVICE WATER SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	
6 Identification of Components Paneired or Panlesement Components		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	TubeSteel	NA	NA	NA	S/R 1-R-RN-066	NA	Installed	No
В	Welds	Duke Power Co.	C-1RN	117	Weld # 1-R-RN-066-1, 2, 3	2006	Installed	Yes
С					·		-	-
D							~	-
Е							-	-
F							-	-

7. Description of Work Modify S/R 1-R-RN-066_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Auto Lott TECH SPEC Date 2/9 ,2006  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
I
Commissions _TX 1080
Inspector's Signature
Date _ 2~10,20_0 6

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 2/9/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2	3 Shared (specify Units
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98728807-03	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD500062	
Expiration Date <u>N/A</u>		
4 Identification of System	Class NF	
RN NUCLEAR SERVICE WATER SYSTEM		•
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	c Cases	·
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen		
C. Identification of Community Density of an Pauline of Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community Community		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Tubesteel	NA	NA	NA	S/R 1-R-RN-0070-2	NA	New	No
В	Weld	Duke Power Co.	C-1RN	117	Welds # 1-R-RN-0070-2,6	2006	New	Yes
С		·					-	-
D							-	_
Е							-	-
F							-	-

7. Description of Work Modify S/R 1-R-RN-0070_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed A TECH SPEC Date 2/9 ,2006 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 Texas and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12/19/05 to 2/10/06 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 measure described in this Owners 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.
Commissions TX 1080  (Inspector's Signature
Date 2- 10,20_0 b

As Required By The Provisions Of The ASME Code Section XI

	4	
1. Owner DUKE POWER COMPANY	1a Date 2/9/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98728807-28	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD500062	
Expiration Date N/A		
4 Identification of System	Class NF	
RN NUCLEAR SERVICE WATER SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	
6. Identification of Components Repaired or Replacement Components		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Plate & Angle	NA	NA	NA	For S/R 1-I-RN-0006	NA	New	No
В	Bolting	NA	NA	NA	Rod-SA193, Hex Nuts-SA194 for S/R 1-I-RN-0006	NA	New	No
С	Welds	Duke Power Co.	C-1RN	117	Welds # 1-I-RN-0006-1, 2	2006	New	Yes
D					·		-	-
Е				·			-	-
F							-	-

7. Description of Work Modify S/R 1-I-RN-0006_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed / Auto L Sith TECH SPEC Date 2/9 ,2006 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 Texas and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 128/06 to 2/10/06 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 measure described in this Owners 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.

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 1/18/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 🔲 2	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98737067-1	11
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD500175	
Expiration Date <u>N/A</u>		
4 Identification of System	Class NF	
RN NUCLEAR SERVICE WATER SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Plate	NA	NA	NA	For S/R 1-R-RN-122	2005	Installed	No
В	Welds	Duke Power Co.	C-1RN	117	Weld # 1-R-RN-122-19 1-R-RN-122- 20	2005	Installed	Yes
С							-	-
D							-	
Е							-	-
F							-	-

7. Description of Work Rework S/R 1-R-RN-012	2_
· · · · · · · · · · · · · · · · · · ·	Nominal Operating Pressure ☐ Other ☐ Exempt ☒ Temp. deg.F.
9. Remarks _ Code CasesNONE_	
- (App	olicable Manufacturers Data Records to be attached)
	RTIFICATE OF COMPLIANCE e report are correct and this repair or replacement conforms to the rules of the
Type Code Symbol Stamp N/A	Expiration Date N/A
Certificate of Authorization No. N/A  Signed Signed TEO  Owner or Owner's Designee, Title	CH SPEC Date///8,20_06
CERTIFI	CATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission iss	ued by the National Board of Boiler and Pressure Vessel Inspectors and the
components described in this Owners Report duri knowledge and belief, the Owner has performed es accordance with the requirements of the ASME Co By signing this certificate neither the Inspector not examinations and corrective measure described in	r his employer makes any warranty, expressed or implied, concerning the this Owners Report. Furthermore, neither the Inspector nor his employer shall property damage or a loss of any kind arising from or connected with this
Inspector's Signature  Date / 27,20,06	
Date 1 21;20 0	

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 2/3/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006  2. Plant CATAWBA NUCLEAR STATION  Address 4800 CONCORD RD. YORK, S.C. 29745	2a Unit 🛛 1 🔲 2	3 Shared (specify Units)
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 9875179	7-01
Address <u>526 S. Church St. Charlotte, N.C. 28201-1006</u> Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u>	3b NSM or MN # NA	
Expiration Date N/A 4 Identification of System	Class C	
RN NUCLEAR SERVICE WATER SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	

6. Identification of Components Repaired or Replacement Components Column 1 Column 2 Column 3 Column 5 Column Column 7 Column Column 4 6 8 Name of NΒ Name of Manufacturer Other Identification (Size) Repaired. Year **ASME** Replaced. or Code Component Manufacturer Serial Number Built Replacement Stamped Number (yes or no) Slip on Flange NA NA NA Flange ID Weld # 1RN144-107 NA No Bolting NA NA NA Rod-SA193 Hex Nuts-SA194 NA Replacement No C D E F

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_This NIS-2 is to document the NDE performed on the flange ID welds per PIP # C-05-4713
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the  State or Province of Nottlemand employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 2/4/06 to 2/8/06 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 measure described in this Owners 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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 2/1/06	Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit ⊠ 1	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745	24 Ont 2 12	[5 [] Shared (speemy Offics[])
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 98763250-03	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD500063	
Expiration Date $N/A$		
4 Identification of System	Class NF	
RN NUCLEAR SERVICE WATER SYSTEM	•	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Welds	Duke Power Co.	C-1RN	117	Welds# 1-R-RN-103-1 thru 6	2005	Replacement	Yes
В							-	-
C							-	-
D							-	
Е							-	-
F				:			_	-

7. Description of Work Modify S/R 1-R-RN-103_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Autton L Sixth TECH SPEC Date 2/1 ,2006  Owner or Owner's Designee, Title
r
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 CAROLINI and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to 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 measure described in this Owners 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 TX 1080
Date _2- 1_,20_04

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 COMPANY				1a Date 1/18/07		9	Sheet 1 of 1		
	Address <u>526 S. CHUR</u>	CH STREET. C	CHARLOTTE N	I.C. 28201-	1006				
2.1	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🔀 1	$\square$ 2 $\square$	3 🔲 Sh	ared (specify L	Jnits ( )
	Address 4800 CONCO	RD RD. YORK	I, S.C. 29745						
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 10	64227-07			
	Address 526 S. Chu	rch St. Charlotte	e, N.C. 28201-10	<u> 006</u>					
	Type Code Symbol	Stamp <u>N/A</u> Autl	horization No. <u>N</u>	<u> </u>	3b NSM or MN # N.	A			
	Expiration Date N/A	<u>A</u>							
4	Identification of Sys	tem Containme	ent		Class MC				
5.	(a) Applicable Const	ruction Code III	1974 Edition,	S'75 Adden	ida, Code Cases				
	(b) Applicable Edition	on of Section XI	Utilized for Rej	pairs or Rep	placements 1998 Addenda 2000				
6.	Identification of Con	mponents Repai	red or Replacem	ent Compo	nents				
	Column 1	Column 2	Column 3	Column	Column 5		Column	Column 7	Column
				4			6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Si	ze)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number			Built	Removed or	Code
	_		Number					Installed	Stamped (yes or no)
A	Welds	Duke Power	NA	NA	1050-27-1 thru 4		2006	Installed	Yes
<u> </u>	·	Co.							
В								-	-
C							<del>,</del>	-	_
J									

7. Description of Work Repair Liner Plate_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Jack 15th TECH SPEC Date /// 8 ,2007 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to 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 measure described in this Owners 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.
Relief my Commissions NC 978  Inspector's Signature
Date 1.24_,20_07

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/10/07	Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit ⊠ 1	3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1108457-03	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date <u>N/A</u>		
4 Identification of System	Class NF	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
Α	Bolting	NA	NA	NA	Hex Nut- SA193 for S/R 1-R-NV-1756	NA	Installed	No
В	Flat Bar	NA	NA	NA	For S/R 1-R-NV-1756	NA	Installed	No
С	Welds	Duke Power Co.	C-1NV	127	1-R-NV-1756-5, 6, 13, 14, 15, 16	2006	Installed	Yes
D							-	-
Е							-	-
F							-	-

7. Description of Work Restore S/R 1-R-NV-1756_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed / Authorization No. N/A  TECH SPEC Date //10 ,20 0 7  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 and employed by <u>HSB I AND I Company of Connecticut</u> have inspected the components described in this Owners Report during the period 12-7-06 to 1-15-07 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 measure described in this Owners 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.
Rolett well Commissions NC 978  Inspector's Signature
Date_1 · 15_,20_07

1. Owner <u>DUKE POWER COMPANY</u>

Sheet 1 of 1

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

As Required By The Provisions Of The ASME Code Section XI

1a Date 12/21/06

	Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006							
2.	Plant CATAWBA NU	JCLEAR STAT	ION		2a Unit 🔀 1 🔲 2 🔲	3 🗌 Sh	ared (specify U	nits (
	Address 4800 CONCC	RD RD. YORK	., S.C. 29745					
3.	Work Performed By				3a Work Order # 1115114-09	•		
	Address 526 S. Chu							
Type Code Symbol Stamp N/A Authorization No. N/A					3b NSM or MN # CE100499			
	Expiration Date N/	<del></del>	•					
	Identification of Sys							
	(a) Applicable Const							
					placements 1998 Addenda 2000			
6.	Identification of Con				The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	<del></del>	· · · · · · · · · · · · · · · · · · ·	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column 8
				4		6		
	Name of	Name of	Manufacturer	N B	Other Identification (Size)	Year	Corrected, Removed or	ASME
	Component	Manufacturer	Serial Number	Number		Built	Installed	Code Stamped (yes or no)
A	Pipe Clamp	NA	NA	NA .	For S/R 1-R-KC-1029	NA	Installed	No
		·						
В							-	-
C								
C						`  	-	<u> </u>
D				·····			-	_
					·			
E							-	-
F								
Г	į	1	1			1	-	-

Date 12-21 ,20 06

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

information in items 1 through 6 on this reports 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 Restore S/R 1-R-KC-1029_ Other | Exempt | Pneumatic | Nominal Operating Pressure 8. Test Conducted: Hydrostatic Pressure Test Temp. deg.F. psig 9. Remarks _ Code Cases ___NONE_ (Applicable Manufacturers Data Records to be attached) CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. N/A TECH SPEC Date 12/21 ,20 06 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 ______ and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-13-06 to 12-21-06 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 measure described in this Owners 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. Commissions NC 978 Inspector's Signature

As Required By The Provisions Of The ASME Code Section XI

		•
1. Owner DUKE POWER COMPANY	1a Date 12/14/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit 🛛 1 🔲 2 🔲 3	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1119888-14	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date N/A		
4 Identification of System CA AUXILIARY FEEDWATER SYSTEM	Class NF	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacemen	ts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Rear Bracket, Pivot Pin, Plate	ŅA	NA	NA .	For S/R 1-R-CA-1637	NA	Installed	No
В	Welds	Duke Power Co.	C-1CA	121	1-R-CA-1637-4 1-R-CA-1637-3	2006	Installed	Yes
$\cup$							-	-
D							-	-
Е							-	-
F							-	-

Date 12-19, 2006

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

information in items 1 through 6 on this reports 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 Restore Support 1-R-CA-1637_ Other Exempt 8. Test Conducted: Hydrostatic Pneumatic | Nominal Operating Pressure | Pressure Test Temp. deg.F. psig 9. Remarks _ Code Cases ___NONE_ (Applicable Manufacturers Data Records to be attached) CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. TECH SPEC Date 12/14 ,20 06 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 ___ NC_ and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 8-16-06 to 12-19-06 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 measure described in this Owners 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. Commissions NC978

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/16/06		Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit ⊠ 1 □2	<u></u>	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745			
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124506	5-15	
Address 526 S. Church St. Charlotte, N.C. 28201-1006			
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD1004	31	
Expiration Date <u>N/A</u>			
4 Identification of System	Class NF		
NW CONTAINMENT PENETRATION VALVE INJECTION WATER			•
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
Α	Sway Strut Assembly	Lisega	41-50842	NA	For S/R 1-R-NW-0023	NA	Installed	No
В	Pipe Clamp	NA	NA	NA	For S/R 1-R-NW-0023	NA	Installed	No
C	Welds	Duke Power Co.	C-1NW	125	Weld # 1-R-NW-0023-1 1-R-NW-0023-2	2006	Installed	No
D	U Bolt	NA	NA	NA	For S/R 1-R-NW-0009 & 1-R NW-0016	NA	Installed	No
E							-	-
F						·	-	-

Date 12-19,20_06 __

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2in. x 11 in. (2)

information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 7. Description of Work Install Supports_ Other | | Exempt | 8. Test Conducted: Hydrostatic Pneumatic | Nominal Operating Pressure | Pressure Test Temp. deg.F. psig 9. Remarks _ Code Cases ___NONE_ (Applicable Manufacturers Data Records to be attached) CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Expiration Date N/A Certificate of Authorization No. N/A TECH SPEC Date 12/16 ,20 06 Signed 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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 1-7-06 to 12-19-06 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 measure described in this Owners 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.

Commissions NC978

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/14/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006 2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745  3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124507-15	
Address 526 S. Church St. Charlotte, N.C. 28201-1006	3a WOLK Order # 1124307-13	
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD100431	
Expiration Date <u>N/A</u> 4 Identification of System	Class NF	
NW CONTAINMENT PENETRATION VALVE INJECTION WATER		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	s 1998 Addenda 2000	
6 Identification of Components Renaired or Replacement Components		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	U Bolt	NA	NA	NA	For S/R 1-R-NW-0021	NA	Installed	No
В							-	-
C							-	-
D							-	-
E							_	-
F							-	-

7. Description of Work NW Pipe Reroute_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 12/14,20 06  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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-3-06 to 12-19-06 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 measure described in this Owners 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.

E

1. Owner DUKE POWER COMPANY

Sheet 1 of 1

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

As Required By The Provisions Of The ASME Code Section XI

1a Date 12/10/06

1	Address <u>526 S. CHUR</u>	CH STREET, C	HARLUITEN	<u>.C. 28201-</u>	1006			
2. Plant CATAWBA NUCLEAR STATION 2a Unit 2 1						☐ 3 ☐ Sh	ared (specify U	nits )
	Address 4800 CONCO	RD RD. YORK	., S.C. 29745		•			
3.	Work Performed By	Duke Power C	ompany		3a Work Order # 1124814-0	9		
	Address 526 S. Chur	rch St. Charlotte	, N.C. 28201-10	<u> 006</u>				
	Type Code Symbol S	•	norization No. <u>N</u>	<u> </u>	3b NSM or MN # NA			
•	Expiration Date N/A	<u>4</u>						
4	Identification of Sys	tem NC REAC	TOR COOLAN	T SYSTEM	I Class NF			
5.	(a) Applicable Const	ruction Code III	1974 Edition, S	S'75 Adden	da, Code Cases			
	(b) Applicable Edition	on of Section XI	Utilized for Rep	pairs or Rep	placements 1998 Addenda 2000			
6.	Identification of Cor	nponents Repair	red or Replacem	ent Compo	nents			
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	N B	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial	Number		Built	Removed or	Code
			Number			į	Installed	Stamped (yes or no)
A	Weld	Duke Power	C-1NC	126	Weld #1-R-NC-1075-1	2006	Installed	No
		Co.						
В	·	, , , , , , , , , , , , , , , , , , , ,						-
C				, , , , , , , , , , , , , , , , , , , ,			-	-
D				1			· · · · · · · · · · · · · · · · · · ·	1

7. Description of Work R/R Snubber 1-R-NC-1075_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  Signed 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 \( \sum_{\text{C}} \) and employed by \( \text{HSB I AND I Company of Connecticut} \) have inspected the components described in this Owners Report during the period \( \text{J-25-06} \) to \( \text{J2-12-06} \) and state that to the best of my knowledge and
described in this Owners Report during the period 11-25-06 to 12-12-06 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 measure described in this Owners 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.
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 measure described in this Owners 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.  Commissions MC978
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 measure described in this Owners 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.

As Required By The Provisions Of The ASME Code Section XI

1. Owner <u>DUKE POWER COMPANY</u>				1a Date 12/19/06	1a Date 12/19/06 Sheet 1 of 1				
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006				1006					
2. Plant CATAWBA NUCLEAR STATION					2a Unit 🔀 1 🔲 2	☐ 3 ☐ Sh	ared (specify U	Inits (	
	Address 4800 CONCO				·				
3.	Work Performed By			•	3a Work Order # 1124815	-11			
	Address 526 S. Chu								
	Type Code Symbol S	•	norization No. <u>N</u>	<u>//A</u>	3b NSM or MN # NA			•	
	Expiration Date N/A	<del></del>		•					
	Identification of Sys				Class NF				
	(a) Applicable Const								
			-	_	placements 1998 Addenda 2000			* .	
6.	Identification of Cor		<del></del>					· · · ·	
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column	
				4		6		8	
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME	
	Component	Manufacturer	Serial	Number		Built	Removed or Installed	Code Stamped	
·			Number				Histarica	(yes or no)	
A	Snubber	PSA	4709	NA	For S/R 1-R-CF-1562	1978	Removed	Yes	
		·							
В	Snubber	PSA	41402	NA	For S/R 1-R-CF-1562	2000	Installed	Yes	
								ļ	
C							-	-	
D							-	-	
<u>:</u>									
Е							-	-	

ASME Section XI Manu	ıa	г
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Form NIS-2 (Back)

Section E Exibit A

7. Description of Work Replace S/R 1-R-CF-1562 _
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSPECTION  I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to to to 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.
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the  State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to to 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
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the  State or Province of and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to to 12 - 20 - 06 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 measure described in this Owners 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

As Required By The Provisions Of The ASME Code Section XI

1. c	1. Owner DUKE POWER COMPANY					1a Date 12/19/06			Sheet 1 of 1		
Α	ddress 526 S. CHUR	CH STREET. C	HARLOTTE N	.C. 28201-1	<u>1006</u>						
2. P	lant CATAWBA NU	CLEAR STATI	ON		2a Unit	$\boxtimes$ 1	$\square 2$	<u> </u>	☐ Sh	nared (specify U	nits (
Δ	Address 4800 CONCO	RD RD. YORK	, S.C. 29745								
3.	Work Performed By	Duke Power C	ompany		3a Work	Order#	1124815	5-18			
	Address <u>526 S. Chur</u>	rch St. Charlotte	, N.C. 28201-10	<u>)06</u>							
	Type Code Symbol S	Stamp <u>N/A</u> Auth	orization No. <u>N</u>	<u> </u>	3b NSM	3b NSM or MN # NA					
	Expiration Date N/A	<u>4</u>									
4 I	dentification of Sys	tem SA MAIN	STEAM SUPPI	LY TO AU	X EQUP Class NI	<b>∃</b> .					
5. (	a) Applicable Constr	ruction Code III	1974 Edition, S	S'75 Adden	da, Code Cases	<del></del>					
(	b) Applicable Editio	n of Section XI	Utilized for Rep	pairs or Rep	placements 1998 Add	lenda 20	00				
	Identification of Cor										
	Column 1	Column 2	Column 3	Column	Ċol	umn 5			Column	Column 7	Column
				۱ ،				- 1	6		R

<del></del>	is tachuneation of components Repaired of Replacement components							
	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
А	Stud	NA	NA	NA	Stud- SA193 for S/R 1-R-SA-0014	NA	Installed	·No
В		-					-	-
С							-	-
D							-	-
E								-
F							-	-

7. Description of Work Repair S/R 1-R-SA-0014_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Jalla Stb TECH SPEC Date 12/19 ,2006 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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period
Inspector's Signature Commissions NC978
Date 12-20,20_06

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 12/16/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		<u>_</u>
2. Plant CATAWBA NUCLEAR STATION	2a Unit $\boxtimes 1$ $\square 2$ $\square 3$	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745	•	
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1124993-03	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date $N/A$	•	
4 Identification of System	Class NF	
NW CONTAINMENT PENETRATION VALVE INJECTION WATER		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	: Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	
6. Identification of Components Repaired or Replacement Components		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	U Bolt and Hex Nuts	NA	NA	NA	U-Bolt- ASTM A36, Hex Nuts- ASTM A563 for S/R 1-R-NW-1003	NA	Installed	No
В							-	
С							-	-
D							-	
E					-		-	-
F							-	-

7. Description of Work Restore S/R 1-R-NW-1003_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date /2/16 ,20 06  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period ? ? ? ? 6 to and state that to the best of my knowledge and
described in this Owners Report during the period 12-9-06 to 12-19-06 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 measure described in this Owners 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.
described in this Owners Report during the period 12-7-06 to 12-19-06 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 measure described in this Owners 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

As Required By The Provisions Of The ASME Code Section XI

1.	Owner DUKE POWER COMPANY	1a Date 01/10/07	Sheet 1 of 1		
	Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-10				
	Plant CATAWBA NUCLEAR STATION	2a Unit 🔀 1 🔲 2	3   Sh	ared (specify U	nits)
	Address 4800 CONCORD RD. YORK, S.C. 29745				
3.	Work Performed By <u>Duke Power Company</u>	3a Work Order # 1125080-04			
	Address 526 S. Church St. Charlotte, N.C. 28201-1006				
	Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA			
	Expiration Date <u>N/A</u>				
	Identification of System NC REACTOR COOLANT SYSTEM	Class NF			
5.	(a) Applicable Construction Code III 1974 Edition, S'75 Addenda				
	(b) Applicable Edition of Section XI Utilized for Repairs or Repla				
6.	Identification of Components Repaired or Replacement Compone	ents		·.	
l	Column 1 Column 2 Column 3 Column 1	Column 5	Column	Column 7	Column

Column 5 Column Column 7 8 4 6 Name of Name of Manufacturer NΒ Other Identification (Size) Corrected, Year **ASME** Removed or Component Manufacturer Serial Number Code Built Stamped Installed Number (yes or no) Bolting NA NA NA Stud-SA193, Rod-SA193, Hex Nut-NA Installed No SA194 for S/R 1-R-NC-2320 В Cotter Pin NA NA NA For S/R 1-R-NC-2320 No NA Installed C D Ε F

7. Description of Work Restore S/R 1-R-NC-2320_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date ///O ,2007  Owner or Owner's Designec, 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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-22-06 to 1-15-07 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 measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions NC 978
Date _\l-\S,20_O\\

S/R 1-A-NI-4147

S/R 1-A-NI-4338

S/R 1-R-NI-1230

E

F

NA

NA

NA

NA

NA

NA

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

NA

NA

NA

As Required By The Provisions Of The ASME Code Section XI

	Owner DUKE POWEF					Date 01/18/07	7			Sheet 1 of 2	
2. F	Address <u>526 S. CHUR</u> Plant CATAWBA NU Address 4800 CONCO	CLEAR STATI	ION	.C. 28201-1		Unit 🛛 1	<u></u>	3	☐ Sha	ared (specify U	nits )
3.	Work Performed By	Duke Power Co	ompany	20.6	3a V	Vork Order#	1127089-	-07			
	Address <u>526 S. Chur</u> Type Code Symbol S	Stamp <u>N/A</u> Auth			3b 1	NSM or MN #	CD10086	67			
	Expiration Date N/A Identification of Sys	<del></del>	Y INJECTION S	SYSTEM	Clas	s NF					
	<ul><li>(a) Applicable Constr</li><li>(b) Applicable Editio</li></ul>						00				
	Identification of Cor		-	_							
	Column 1	Column 2	Column 3	Column 4		Column 5		C	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other	Identification	(Size)		Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	S/R 1-R-NV- 1229	NA	NA	NA	U-Bolt, Rear l	3racket Plate	,	N	A	Installed	No

Rear Bracket

Hex Nut Eye Nut

Rear Bracket 1/2" Plate

Installed

Installed

Installed

No

No

No

NA

NA

NA

D

E

F

#### 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 01/18/07		Sheet 2 of 2			
Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006				<u>1006</u>				
2.	2. Plant CATAWBA NUCLEAR STATION				2a Unit 🛛 1 🔲 2 🔲	3 🗌 Sh	ared (specify U	nits (
	Address 4800 CONCO	ORD RD. YORK	I, S.C. 29745					
3.	Work Performed By	Duke Power C	Company		3a Work Order # 1127089-07			
	Address 526 S. Chu	rch St. Charlotte	e, N.C. 28201-10	<u> 006</u>				
	Type Code Symbol	Stamp N/A Aut	horization No. <u>N</u>	<u>I/A</u>	3b NSM or MN # CD100867	•		
	Expiration Date N/	<u>A</u>						
4	Identification of Sys	stem NI SAFET	Y INJECTION	SYSTEM	Class NF			
5.	(a) Applicable Const	truction Code III	[ 1974 Edition,	S'75 Adder	nda, Code Cases			
	(b) Applicable Edition	on of Section XI	Utilized for Rep	pairs or Rep	placements 1998 Addenda 2000			
6.	Identification of Co	mponents Repai	red or Replacem	ent Compo	onents			
	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	Column
				4		6		8
	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
1	Component	Manufacturer	Serial	Number		Built	Removed or	Code Stamped
<u></u>			Number				Installed	(yes or no)
A	Sway Strut	Anvil	2006-180	NA	For S/R 1-R-NI-1229	2006	Installed	Yes
								,
В	Sway Strut	Anvil	2006-179	NA	For S/R 1-R-NI-1230	2006	Installed	Yes
								}
C	Welds	Duke Power	·C-1NI	128	1-R-NI-1229-4, 5, 6 1-A-NI-4147-4, 5	2006	Installed	Yes
		Co.			1-R-NI-1230-3, 4			

7. Description of Work Modify Supports_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair or replacement</u> conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Jault St. TECH SPEC Date 1/18 ,20 07 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 and employed by <u>HSB I AND I Company of Connecticut</u> have inspected the components described in this Owners Report during the period
Inspector's Signature Commissions WC978

As Required By The Provisions Of The ASME Code Section XI

1. Owner <u>DUKE POWER COMPANY</u>	la Date 01/18/07	Sheet 1 of 1
Address <u>526 S. CHURCH STREET. CHARLOTTE N.C.</u> <u>28201-1006</u> 2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1703184-07	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CD100867	
Expiration Date N/A		
4 Identification of System	Class NF	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
Α	S/R 1-R-NV- 2283	NA	NA	Na	Pipe Clamp, Structural Beam	NA	Installed	No
В	S/R 1-R-NV- 2282	NA	NA	NA	Pipe Clamp, Round Bar, Hex Nut, Eye Nut	NA	Installed	No
С	S/R 1-R-NV- 4063	NA	NA	NA	Pipe Clamp Structural Beam	NA	Installed	No
D	Welds	Duke Power Co.	C-1NV	127	1-R-NV-2283-1, 2 1-R-NV-2282-1 1- R-NV-4063-1, 2	2006	Installed	Yes
E							-	-
F							-	-

7. Description of Work Modify Supports_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A Signed
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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 10-19-06 to 1-25-07 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 measure described in this Owners 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 <u>NC 978</u>
Date J - 25_ ,20_0 7

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY	1a Date 01/22/07	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit   1   2   3	Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1717483-08	
Address 526 S. Church St. Charlotte, N.C. 28201-1006	•	
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # CE101194	
Expiration Date <u>N/A</u>		
4 Identification of System	Class NF	
NV CNEMICAL VOLUME CONTROL SYSTEM		
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code	Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement	ts 1998 Addenda 2000	

<u> </u>	identification of Co	<del></del>			Table 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0.1	1 0 1 7	Column
1	Column 1	Column 2	Column 3	Column	Column 5	Column	Column 7	8
				4		6		
1	Name of	Name of	Manufacturer	NΒ	Other Identification (Size)	Year	Corrected,	ASME
	Component	Manufacturer	Serial Number	Number		Built	Removed or Installed	Code Stamped (yes or no)
A	Pipe Clamp Flat Bar	NA	NA	NA	For S/R 1-R-NV-1396	NA	Installed	No
В	Welds	Duke Power Co.	C-1NV	127	1-R-NV-1396-1 1-R-NV-1396-2	2006	Installed	Yes
С							-	-
D							-	-
E							_	_
F							-	-

7. Description of Work Restore S/R 1-R-NV-1396_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE  We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date //ZZ ,2007  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 and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period to 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 measure described in this Owners 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.  Commissions
Date _1 - 2S,20_07

As Required By The Provisions Of The ASME Code Section XI

	•	
1. Owner DUKE POWER COMPANY	la Date 12/13/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006		
2. Plant CATAWBA NUCLEAR STATION	2a Unit	Shared (specify Units
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1721890-01	
Address 526 S. Church St. Charlotte, N.C. 28201-1006		
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date N/A		·
4 Identification of System	Class NF	
NV CNEMICAL VOLUME CONTROL SYSTEM	•	
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Cod	e Cases	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement		
6 Identification of Common Parallel Production		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Snubber	PSA	15678	NA	S/R 1-R-NV-1577	1982	Removed	Yes
В	Snubber	Lisega	4616353/24	NA	S/R 1-R-NV-1577	NA	Installed	Yes
C	Snubber	PSA	3488	NA	S/R 1-R-NV-1415	1978	Removed	Yes
D	Snubber	Lisega	3040009/15	NA.	S/R-1-R-NV-1415	NA	Installed	Yes
Е							_	-
F							-	-

7. Description of Work Replace Snubbers_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp. deg.F.
9. Remarks _ Code CasesNONE_
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A
Signed Authorities TECH SPEC Date 12/13 ,2006 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
Date 12-14_,20_06

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY  526 S. GILL POLICE PROTECTION OF 20201 1006	1a Date 12/13/06	Sheet 1 of 1
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006 2. Plant CATAWBA NUCLEAR STATION		3 Shared (specify Units)
Address 4800 CONCORD RD. YORK, S.C. 29745		
3. Work Performed By <u>Duke Power Company</u>	3a Work Order # 1722414-02	
Address 526 S. Church St. Charlotte, N.C. 28201-1006	01 27026 207 #27	
Type Code Symbol Stamp N/A Authorization No. N/A	3b NSM or MN # NA	
Expiration Date N/A	CI. NE	
4 Identification of System	Class NF	
ND RESIDUAL HEAT REMOVAL SYSTEM  5 (a) Applicable Construction Code III 1074 Edition S'75 Addende C	Sada Casas	•
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, C (b) Applicable Edition of Section XI Utilized for Repairs or Replacer		

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
	Name of Component	Name of Manufacturer	Manufacturer Serial Number	N B Number	Other Identification (Size)	Year Built	Corrected, Removed or Installed	ASME Code Stamped (yes or no)
A	Snubber	PSA	41746	NA	S/R 1-R-ND-226	2002	Removed	Yes
В	Snubber	Lisega	30400009/18	NA	S/R 1-R-ND-226	NA	Installed	Yes
С							-	-
D							-	-
Е	,						-	-
F		·					-	_

7. Description of Work Replace Snubber 1-R-ND-226_
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt Pressure psig Test Temp.
9. Remarks _ Code CasesNONE
(Applicable Manufacturers Data Records to be attached)
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Certificate of Authorization No. N/A  Signed Authorization No. N/A  TECH SPEC Date 12/13 ,2006  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
Inspector's Signature Commissions NC978
Date 12-14_,20_06

#### 6.0 Pressure Testing

This summary is a pressure test completion status for the first period of the third ten-year interval for Catawba Unit 1. Table 6-1 shows the pressure test zones completed from refueling outage EOC-15 through refueling outage EOC-16. There was no through-wall leakage observed during these pressure tests.

Table 6-1 Outage Specific Summary						
Examination Category	Test Requirement	Total Examinations Credited For This Outage				
B-P	System Leakage Test (IWB-5220)	1				
C-H	System Leakage Test (IWC-5220)	29				

Table 6-2 shows a completion status of pressure test zones conducted during the first period of the third ten-year interval.

Table 6-2 Period Specific Summary							
Examination Category	Test Requirement	Total Examinations Required For This Period	Total Examinations Credited For This Period	(%) Examinations Complete For This Period			
B-P	B-P System Leakage Test (IWB-5220)		1	50%			
		*1					
C-H	System Leakage Test (IWC-5220)	32	29	90.63%			

The Class 1 (Category B-P) pressure test zone is required each refueling outage. Table 6-3 shows a completion status of the Class 1 (Category B-P) pressure test zone conducted during refueling cycle EOC16.

Table 6-3 Detailed Class 1 Listing						
Zone Number	Boundary Dwg	EOC16 Completion Status	EOC16 VT-2 Examination Date			
1NC-001L-A	CN-ISIL3-1553-1.0	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1553-1.1	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1554-1.0	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1554-1.5	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1561-1.0	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1561-1.1	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1562-1.0	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1562-1.1	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1562-1.2	Complete	28-Dec-06			
1NC-001L-A	CN-ISIL3-1562-1.3	Complete	28-Dec-06			

Class 2 (Category C-H) pressure test zones are required once each inspection period. Table 6-4 shows a completion status of Class 2 (Category C-H) pressure tests required for the first period of the third ten-year interval.

101 1110	for the first period of the third ten-year interval.  Table 6-4 Detailed Class 2 - 1 st Period Listing								
				VT-2 Examination					
	Zone Number	Boundary Dwg	Completion Status	Date					
. 1	1BB-001L-B	CN-ISIL3-1565-2.6	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1572-1.4	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1580-1.0	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1584-1.0	Completed in EOC16	28-Dec-06					
2	1CA-001L-B	CN-ISIL3-1584-1.0	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1591-1.1	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1592-1.1	Completed in EOC16	28-Dec-06					
	  -	CN-ISIL3-1593-1.0	Completed in EOC16	28-Dec-06					
]		CN-ISIL3-1593-1.1	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1593-1.7	Completed in EOC16	28-Dec-06					
3	1FW-001L-B	CN-ISIL3-1554-1.2	Completed in EOC16	04-Oct-06					
	,	CN-ISIL3-1554-1.7	Completed in EOC16	04-Oct-06					
		CN-ISIL3-1561-1.0	Completed in EOC16	04-Oct-06					
		CN-ISIL3-1562-1.2	Completed in EOC16	04-Oct-06					
		CN-ISIL3-1563-1.0	Completed in EOC16	04-Oct-06					
		CN-ISIL3-1570-1.0	Completed in EOC16	04-Oct-06					
		CN-ISIL3-1571-1.0	Completed in EOC16	04-Oct-06					
4	1FW-002L-B	CN-ISIL3-1571-1.0	Completed in EOC16	04-Oct-06					
5	1NC-001L-A	CN-ISIL3-1553-1.0	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1553-1.1	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1553-1.2	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1554-1.5	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1561-1.0	Completed in EOC16	28-Dec-06					
	:	CN-ISIL3-1561-1.1	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1562-1.1	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1562-1.2	Completed in EOC16	28-Dec-06					
6	1NC-005L-B	CN-ISIL3-1553-1.0	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1572-1.0	Completed in EOC16	28-Dec-06					
7	1NC-006L-B	CN-ISIL3-1553-1.1	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1572-1.0	Completed in EOC16	28-Dec-06					
8	1ND-001L-B	CN-ISIL3-1561-1.0	Completed in EOC16	28-Dec-06					
		CN-ISIL3-1561-1.1	Not Yet Tested	N/A					
		CN-ISIL3-1562-1.2	Not Yet Tested	N/A					
		CN-ISIL3-1562-1.3	Not Yet Tested	N/A					
		CN-ISIL3-1563-1.0	Not Yet Tested	N/A					
<b>,</b>		CN-ISIL3-1571-1.0	Not Yet Tested	N/A					
		CN-ISIL3-1572-1.0	Not Yet Tested	N/A					

	Table 6-4 Detailed Class 2 - 1 st Period Listing						
	VT-2 Exami						
	Zone Number	Boundary Dwg	Completion Status	Date			
9	1ND-002L-B	CN-ISIL3-1561-1.0	Completed in EOC16	13-Nov-06			
		CN-ISIL3-1561-1.1	Completed in EOC16	13-Nov-06			
i		CN-ISIL3-1562-1.2	Completed in EOC16	13-Nov-06			
		CN-ISIL3-1562-1.3	Completed in EOC16	13-Nov-06			
		CN-ISIL3-1563-1.0	Completed in EOC16	13-Nov-06			
		CN-ISIL3-1571-1.0	Completed in EOC16	13-Nov-06			
		CN-ISIL3-1572-1.0	Completed in EOC16	13-Nov-06			
10	1ND-003L-B	CN-ISIL3-1554-1.0	Completed in EOC16	12-Nov-06			
		CN-ISIL3-1561-1.0	Completed in EOC16	12-Nov-06			
11	1ND-004L-B	CN-ISIL3-1554-1.7	Completed in EOC16	03-Dec-06			
		CN-ISIL3-1561-1.0	Completed in EOC16	03-Dec-06			
12	1NI-001L-B	CN-ISIL3-1562-1.1	Completed in EOC16	28-Dec-06			
,		CN-ISIL3-1572-1.1	Completed in EOC16	28-Dec-06			
13	1NI-002L-B	CN-ISIL3-1562-1.1	Completed in EOC16	26-Dec-06			
	,	CN-ISIL3-1562-1.2	Completed in EOC16	26-Dec-06			
14	1NI-003L-B	CN-ISIL3-1562-1.2	Completed in EOC16	14-Dec-06			
		CN-ISIL3-1562-1.3	Completed in EOC16	14-Dec-06			
15	1NI-004L-B	CN-ISIL3-1562-1.3	Completed in EOC16	02-Dec-06			
16	1NI-005L-B	CN-ISIL3-1562-1.2	Completed in EOC16	13-Jul-06			
17	1NI-006L-B	CN-ISIL3-1562-1.2	Completed in EOC16	03-Dec-06			
18	1NI-007L-B	CN-ISIL3-1562-1.2	Completed in EOC16	02-Dec-06			
19	1NI-008L-B	CN-ISIL3-1562-1.2	Completed in EOC16	02-Dec-06			
20	1NI-009L-B	CN-ISIL3-1562-1.2	Completed in EOC16	03-Dec-06			
21	1NI-010L-B	CN-ISIL3-1562-1.0	Completed in EOC16	01-Dec-06			
22	1NS-001L-B	CN-ISIL3-1563-1.0	Completed in EOC16	27-Jul-06			
23	1NS-002L-B	CN-ISIL3-1563-1.0	Completed in EOC16	20-Jul-06			
24	1NV-001L-B	CN-ISIL3-1554-1.0	Completed in EOC16	28-Dec-06			
		CN-ISIL3-1554-1.5	Completed in EOC16	28-Dec-06			
		CN-ISIL3-1554-1.8	Completed in EOC16	28-Dec-06			
25	1NV-002L-B	CN-ISIL3-1554-1.7	Completed in EOC16	29-Aug-06			
26	1NV-003L-B	CN-ISIL3-1554-1.7	Completed in EOC16	20-Jul-06			
27	1NV-004L-B	CN-ISIL3-1554-1.2	Completed in EOC16	20-Jul-06			
28	1NV-005L-B	CN-ISIL3-1554-1.2	Completed in EOC16	05-Sep-06			
29	1NV-006L-B	CN-ISIL3-1554-1.0	Completed in EOC16	29-Aug-06			
	1111 0002 5	CN-ISIL3-1554-1.1	Completed in EOC16	29-Aug-06			
		CN-ISIL3-1554-1.1	Completed in EOC16	29-Aug-06			
		CN-ISIL3-1554-1.4	Completed in EOC16	29-Aug-06			
		CN-ISIL3-1554-1.5	Completed in EOC16	29-Aug-06			
		CN-ISIL3-1554-1.6	Completed in EOC16	29-Aug-06			
		CN-ISIL3-1554-1.7	Completed in EOC16	29-Aug-06			
		CN-ISIL3-1556-1.0	Completed in EOC16	29-Aug-06			
		CN-ISIL3-1562-1.0	Completed in EOC16	29-Aug-06			
		CN-ISIL3-1562-1.2	Completed in EOC16	29-Aug-06			
		UN-101L0-1002-1.2	John protod in LOO 10				

Table 6-4 Detailed Class 2 - 1 st Period Listing						
	Zone Number	Boundary Dwg	Completion Status	VT-2 Examination Date		
30	1NV-008L-B	CN-ISIL3-1554-1.0	Completed in EOC16	28-Dec-06		
		CN-ISIL3-1554-1.2	Completed in EOC16	28-Dec-06		
31	1RN-005L-C	CN-ISIL3-1569-1.0	Not Yet Tested	N/A		
32	1SA-001L-B	CN-ISIL3-1593-1.1	Not Yet Tested	N/A		

Section 6 Prepared By:	Date:
Jim Boughman	2/13/07

Section 6 Reviewed By:	Date:
R. D. Hudson	2/19/07